Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1930	Eckardt, A. **'Geschwindigkeitsverlust von H-Kanalstrahlen Beim Durchgang Durch Feste Korper'** ***Ann. Physik, 5, 401-428 (1930)*** *Comment : S. 30-50 keV H -> Celluloid*	**1930-Ecka**
1930	Gerthsen, Chr. **'Uber Ionisation und Reichweite von H-Kanalstrahlen in Luft und Wasserstoff'** ***Ann. Physik, 5, 657-669 (1930)*** *Comment : R. 20-64 keV H -> Air, H2*	**1930-Gert**
1932	Reusse, W. **'Energieverluste Langsamer Kanalstrahlen Beim Durchgang Durch Feste Korper'** ***Ann. Physik, 15, 256-258 (1932)*** *Comment : S. 30-55 keV H -> Celluloid*	**1932-Reus**
1936	Batzner, H. **'Uber Die Geschwindigkeitsabnahme von H-Kanalstrahlen in Metallen'** ***Ann. Physik, 25, 233-262 (1936)*** *Comment : S. 4-60 keV H -> Al, Cu, Ag, Sn, Au*	**1936-Batz**
1937	Parkinson, D. B. Herb, R. G. Bellamy, J. L. Hudson, C. M. **'The Range of Protons in Aluminum and Air'** ***Phys. Rev., 52, 75-79 (1937)*** *Comment : R. 0.1-2.0 MeV H -> Air, Al*	**1937-Park**
1938	Haworth, L. S. King, L. D. P. **'The Stopping Power of Lithium for Low Energy Protons'** ***Phys. Rev., 54, 48-50 (1938)*** *Comment : S. 35-400 keV H -> Li*	**1938-Hawo**
1941	Brunings, J. H. Knipp, J. K. Teller, E. **'On the Momentum Loss of Heavy Ions'** ***Phys. Rev., 60, 657-660 (1941)*** *Comment : Theory. Heavy ion charge state vs. velocity.*	**1941-Brun**
1941	Wilson, R. R. **'Range and Ionization Measurements on High Speed Protons'** ***Phys. Rev., 60, 749-53 (1941)*** *Comment : S. 4 MeV H -> Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.*	**1941-Wils**
1942	Crenshaw, C. M. **'The Loss of Energy of Hydrogen Ions Traversing Various Gases'** ***Phys. Rev., 62, 54-64 (1942)*** *Comment : S. 60-340 keV H, D -> H2, D2, He, H2O Rel. To Air*	**1942-Cren**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1944	Gray, L. H. **'The Ionization Method of Measuring Neutron Energy'** ***Proc. Comb. Phil. Soc., 40, 72-102 (1944)*** *Comment : S. H, He (.25 -8 MeV) -> He, N, O, Ne, Ar, Air. Early paper on stopping and ionization effects of charged particles.*	**1944-Gray**
1947	Lattes, C. M. Fowler, P. H. Cuer, P. **'A Study of the Nuclear Transmutations of Light Elements by the Photographic Method'** ***Proc. Phys. Soc., 59, 883-900 (1947)*** *Comment : R. 1.2-13.1 MeV H, 2.1-13.0 MeV He -> Emulsion*	**1947-Latt**
1947	Lattes, C. M. G. Fowler, P. H. Cuer, P. **'Range-Energy Relation for Protons and Alpha-Particles in the New Ilford þNuclear Researchþ Emulsion'** ***Nature, 159, 301-02 (1947)*** *Comment : R. Rel. To Air. 2-13 MeV H, 5-9 MeV He -> Emulsion*	**1947-Latt2**
1947	Peck, R. A. **'A Calibration for Eastman Proton Plates'** ***Phys. Rev., 72, 1121 (1947)*** *Comment : S. 2.5-9 MeV H -> Emulsion*	**1947-Peck**
1948	Cornog, I. C. Franzen, W. Stephens, W. E. **'Range of Protons from N14(n,p)C14'** ***Phys. Rev., 74, 1-4 (1948)*** *Comment : R. 561 keV H -> N2*	**1948-Corn**
1948	Madsen, C. B. Venkateswarlu, P. **'Proton Stopping Power of Solid Beryllium'** ***Phys. Rev., 74, 648-49 (1948)*** *Comment : S. 500-1500 keV H -> Be*	**1948-Mads2**
1948	Wilcox, H. W. **'Experimental Determination of Rate of Energy Loss for Slow H1, H2, He4, Li6 Nuclei in Au and Al'** ***Phys. Rev., 74, 1743-54 (1948)*** *Comment : S. 30-400 keV H, 30-650 keV D, 30-1400 keV He, 750-850 keV 6Li -> Al, Au*	**1948-Wilc**
1949	Clarke, R. L. Bartholomew, G. A. **'Proton Range-Energy Relation'** ***Phys. Rev., 76, 146-47 (1949)*** *Comment : R. 142, 194 keV H -> D2 + D2O*	**1949-Clar**
1949	Huus, T. Madsen, C. B. **'Proton Stopping Power of Gold'** ***Phys. Rev., 76, 323 (1949)*** *Comment : S. 364, 992 keV H -> Au*	**1949-Huus**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1949	Teasdale, J. G. **'Stopping of Various Elements Relative to Aluminum for 12 MeV Protons'** ***Univ. of Calif. at Los Angeles, Rpt.Np 1368, 1-16 (1949)*** *Comment : S. 12 MeV H -> Ni, Cu, Rh, Pd, Ag, Cd, In, Ta, Pt, Au, Th*	**1949-Teas**
1949	Warshaw, S. D. **'The Stopping Power of Protons in Several Metals'** ***Phys. Rev., 76, 1759-65 (1949)*** *Comment : S. 50-400 keV H -> Be, Al, Cu, Ag, Au*	**1949-Wars**
1949	Wyly, L. D. Sailor, V. L. Ott, D. G. **'Protons from the Bombardment of He3 by Deuterons'** ***Phys. Rev., 76, 1532-33 (1949)*** *Comment : R. 16-20.5 MeV H -> Air*	**1949-Wyly**
1950	Bradner, H. Smith, F. M. Barkas, W. H. Bishop, A. S. **'Range-Energy Relation for Protons in Nuclear Emulsion'** ***Phys. Rev., 77, 462-67 (1950)*** *Comment : R. 17-39.5 MeV H -> Emulsion*	**1950-Brad**
1950	Nereson, N. Reines, F. **'Nuclear Emulsions and the Measurement of Low Energy Neutron Spectra'** ***Rev. Sci. Inst., 21, 534-545 (1950)*** *Comment : R. 0.2-1.5 MeV H -> Emulsion*	**1950-Nere**
1950	Panofsky, W. K. H. Fillmore, F. L. **'The Scattering of Protons by Protons Near 30 MeV, Photographic Method'** ***Phys. Rev., 79, 57-70 (1950)*** *Comment : R. 10.8-12.0 MeV H -> Emulsion*	**1950-Pano**
1950	Rotblatt, J. **'Range-Energy Relation for Protons and Alpha Particles in Photographic Emulsions for Nuclear Research'** ***Nature, 165, 387-88 (1950)*** *Comment : R. 1-8 MeV H, He -> Emulsion*	**1950-Rotb**
1951	Bakker, C. J. Segre, E. **'Stopping Power and Energy Loss for Ion-Pair Production for 340 MeV Protons'** ***Phys. Rev., 84, 489-92 (1951)*** *Comment : S. Rel. To Al And Cu. 340 MeV H -> H2, Li, Be,C, Al, Fe, Cu, Ag, Sn, W, Pb, U*	**1951-Bakk**
1951	Bloembergen, N. VanHerden, P. J. **'The Range and Straggling of Protons Between 35 and 120 MeV'** ***Phys. Rev., 83, 561-66 (1951)*** *Comment : R, dR. 35-120 MeV H -> Al, Cu, Pb*	**1951-Bloe**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1951	Catala, J. Gibson, W. M. **'Range-Energy Relation for Protons and Alpha-Particles in Photographic Emulsions for Nuclear Research'** ***Nature, 167, 551-52 (1951)*** *Comment : R. 5-16.3 MeV H, 8-19 MeV He -> Emulsion*	**1951-Cata**
1951	Faraggi, H. **'Mesure Precise De L'Energie Des Particules Lourdes Chargees Des Faibles Parcours Par Impregnation D'Emulsion Photographiques'** ***Ann. Physique, 6, 325-400 (1951)*** *Comment : R. (0.01-3.2 MeV) H, He, Li, C -> Emulsion*	**1951-Fara**
1951	French, A. P. Seidl, F. G. P. **''** ***Phil. Mag., 42, 537-554 (1951)*** *Comment : Review of unpublished data*	**1951-Fren**
1951	Mather, R. Segre, E. **'Range-Energy Relation for 340 MeV Protons'** ***Phys. Rev., 84, 191-93 (1951)*** *Comment : R. 340 MeV H -> Be, C, Al, Cu, Sn, Pb*	**1951-Math**
1951	Neuendorfer, J. A. Inglis, D. R. Hanna, S. S. **'Angular Yields of Deuterons and Alphas from the Proton Bombardment of Beryllium'** ***Phys. Rev., 82, 75-80 (1951)*** *Comment : R. 200-900 keV H, 600-1500 keV D, 1200-2400 keV He, 750-1400 keV 6Li -> Emulsion*	**1951-Neue**
1951	Richards, H. T. Johnson, V. R. Ajzenberg, F. Laubenstein, M. J. W. **'Proton Range-Energy Relation for Eastman Nta Emulsions'** ***Phys. Rev., 83, 994-95 (1951)*** *Comment : R. 1-17 MeV H -> Emulsion*	**1951-Rich**
1951	Rotblatt, J. **'Range-Energy Relation for Protons and Alpha-Particles in Photographic Emulsion for Nuclear Research'** ***Nature, 167, 550-51 (1951)*** *Comment : R. 0.2-16.4 MeV H, 1.1-18.9 MeV He -> Emulsion*	**1951-Rotb**
1951	Sachs, D. C. Richardson, J. R. **'The Absolute Energy Loss of 18 MeV Protons in Various Materials'** ***Phys. Rev., 83, 834-837 (1951)*** *Comment : S. H (18 MeV) -> Al, Ni, Cu, Rh, Ag, Cd, Sn, Ta, Au, Nylon. Mean ionization energies.*	**1951-Sach**
1952	Evans, G. E. Barnett, C. F. Stier, P. M. DeRito, V. L. **'Extrapolated Ionization Ranges of Ions Heavier Than Protons'** ***ORNL-1278, 17-21 (1952)*** *Comment : R. (50-300 keV) H, He, N, Ne, Ar -> He, N2, Ar, Air*	**1952-Evan**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1952	Hubbard, E. L. Mackenzie, K. R. **'The Range of 18-MeV Protons in Aluminum'** ***Phys. Rev., 85, 107-11 (1952)*** *Comment : R. 18 MeV H -> Al*	**1952-Hubb**
1952	Mills, R. G. **'A Cloud Chamber Investigation of Low Energy Range-Energy Relations'** ***UCRL Rpt. 1815, 1-89 (1952)*** *Comment : R. 50-250 keV H, 100-360 keV He, 30-110 keV O -> He, O2, H2O*	**1952-Mill**
1952	Simmons, D. H. **'The Range-Energy Relation for Protons in Aluminum'** ***Proc. Phys. Soc. 65A, 454-56 (1952)*** *Comment : R. 10 MeV H -> Al*	**1952-Simm**
1952	Thompson, H. J. **'Effect of Chemical Structure on Stopping Powers for High-Energy Protons'** ***UCRL Rpt. 1910 (1952)*** *Comment : S. Rel. To Cu. 270 MeV H -> H2, C, N2, O2, Cl2*	**1952-Thom**
1952	Wenzel, W. A. Whaling, W. **'The Stopping Cross Section of D2O Ice'** ***Phys. Rev., 87, 499-503 (1952)*** *Comment : S. 18-540 keV H -> D2O (Ice)*	**1952-Wenz**
1953	Burcham, M. **'The Range Energy Relations for Protons of Intermediate Energy in Air'** ***Phil. Mag., 44, 211-13 (1953)*** *Comment : R. 1-12 MeV H -> Air*	**1953-Burc**
1953	Cook, C. J. Jones, E. Jr. Jorgensen, . **'Range-Energy Relations of 10- to 250-keV Protons and Helium Ions in Various Gases'** ***Phys. Rev., 91, 1417-22 (1953)*** *Comment : R. (4-250 keV) H, He -> H2, Ar, Air, N2, CO, CH4, O2 . Ionization Ranges.*	**1953-Cook**
1953	Igo, G. J. Clark, D. D. Eisberg, R. M. **'Statistical Fluctuations in Ionization by 31.5 MeV Protons'** ***Phys. Rev., 89, 879-80 (1953)*** *Comment : dS. 31.5 MeV H -> NaI*	**1953-Igo**
1953	Kahn, D. **'The Energy Loss of Protons in Metallic Foils and Mica'** ***Phys. Rev., 90, 503-09 (1953)*** *Comment : S. 400-1350 keV H -> Be, Al, Cu, Au, Mica*	**1953-Kahn**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1953	Madsen, C. B. **'Proton Stopping Power and Energy Straggling of Protons'** ***Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 27, No. 13, 1-21 (1953)*** *Comment : S. dS. 350-2000 keV H -> Be, Al, Cu, Ag, Mica*	**1953-Mads**
1953	Phillips, J. A. **'The Energy Loss of Low Energy Protons in Some Gases'** ***Phys. Rev., 90, 532-37 (1953)*** *Comment : S. 10-80 keV H -> H2, He, N2, O2, Ar, Kr, H2O, CO2, CCl4*	**1953-Phil**
1953	Reynolds, H. K. Dunbar, D. N. F. Wenzel, W. A. Whaling, W. **'The Stopping Cross Section of Gases for Protons, 30-600 keV'** ***Phys. Rev., 92, 742-48 (1953)*** *Comment : S. 30-600 keV H -> H2, He, O2, Air, N2, Ne, Ar, Kr, Xe, Hydrocarbons.*	**1953-Reyn**
1953	Sachs, D. C. Richardson, J. R. **'Mean Excitations Potentials'** ***Phys. Rev., 89, 1163-1164 (1953)*** *Comment : S. H (18 MeV) -> Al. Mean excitation energy.*	**1953-Sach**
1953	Stiller, B. Shapiro, M. M. **'Ionization Loss at Relativistic Velocities in Nuclear Emulsion'** ***Phys. Rev., 92, 735-41 (1953)*** *Comment : S. 1-4 GeV/c H, 0.3-7 GeV/c Pi -> Emulsion Rel. To Min.*	**1953-Stil**
1953	Warters, W. D. Fowler, W. A. Lauritsen, C. C. **'The Elastic Scattering of Protons by Lithium'** ***Phys. Rev., 91, 917-21 (1953)*** *Comment : S. Rel. To 952 keV H. 200-1300 keV H -> Li*	**1953-Wart**
1953	Weyl, P. K. **'The Energy Loss of Hydrogen, Helium, Nitrogen and Neon Ions in Gases'** ***Phys. Rev., 91, 289-96 (1953)*** *Comment : S. 150-450 keV H, D, He, N, Ne -> H2, He, Air, Ar*	**1953-Weyl**
1954	Chilton, A. B. Cooper, J. N. Harris, J. C. **'The Stopping Power of Various Elements for Protons of Energies from 400 to 1050 keV'** ***Phys. Rev., 93, 413-18 (1954)*** *Comment : S. 400-1050 keV H -> N2, Ne, Ar, Kr, Xe, Ni, Cu*	**1954-Chil**
1954	Gibson, W. M. Prowse, D. J. Rotblat, J. **'Range-Energy Relation in Nuclear Track Emulsions for Protons of Energy Up to 21 MeV'** ***Nature, 173, 1180-81 (1954)*** *Comment : R. 2-21 MeV H -> Emulsion*	**1954-Gibs**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1955	Brolley, J. E. Ribe, F. L. **'Energy Loss by 8.86 MeV Deuterons and 4.43 MeV Protons.'** ***Phys. Rev., 98, 1112-14 (1955)*** *Comment : S. 4.43 MeV H -> H2, Air, Kr. 8.86 MeV D -> H2, He, N2, O2, Ne, Ar, Kr, Xe*	**1955-Brol**
1955	Green, D. W. Cooper, J. N. Harris, J. C. **'Stopping Cross Section of Metals for Protons of Energies from 400 to 1000 keV'** ***Phys. Rev., 98, 466-70 (1955)*** *Comment : S. 0.4-1.0 MeV H -> Mn, Cu, Ge, Sn, Se, Ag, Sb, Au, Pb, Bi*	**1955-Gree**
1955	Rybakov, B. V. **'Ranges of Protons in Medium and Heavy Elements'** ***Zh. Eksp. Teor. Fiz., 28, 651-54 (1955) [Engl. Trans. Sov. Phys. Jetp, 1, 435-38 (1955)]*** *Comment : R. 1-7 MeV H -> Fe, Cu, Mo, Cd, Sn, Pd, Ta Rel. To Al*	**1955-Ryba**
1955	Sonett, C. P. Mackenzie, K. R. **'Relative Stopping Power of Various Metals for 20 MeV Protons'** ***Phys. Rev., 100, 734-32 (1955)*** *Comment : S. 20.6 MeV H -> Ni, Cu, Nb, Pd, Ag, Cd, In, Ta, Pt, Au, Th, Rel. To Al.*	**1955-Sone**
1956	Bader, M. Pixley, R. E. Moser, F. J. Whaling, W. **'Stopping Cross Sections of Solids for Protons, 50-600 keV'** ***Phys. Rev., 103, 32-38 (1956)*** *Comment : S. H (50 keV-2.6 MeV) -> Cu, Au, Pb, LiF, CaF2, Li, Be, Al, Mn, Ta, Ca, V, Cr, Fe, Co, Ni, Cu, Zn*	**1956-Bade**
1956	Young, J. R. **'Penetration of Electrons and Ions in Aluminum'** ***J. Appl. Phys., 27, 1-4 (1956)*** *Comment : S,R. 1-25 keV H, D, He -> Al*	**1956-Youn**
1957	Burkig, V. C. Mackenzie, K. R. **'Stopping Power of Some Metallic Elements for 19.8 MeV Protons'** ***Phys. Rev., 106, 848-51 (1957)*** *Comment : S. Rel. To Al. 19.8 MeV H -> Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th*	**1957-Burk**
1957	Gooding, T. S. Eisberg, R. M. **'Statistical Fluctuations of Energy Loss of 37-MeV Protons'** ***Phys. Rev., 105, 357-60 (1957)*** *Comment : dS. 37 MeV H -> Ar, Plast. Scint.*	**1957-Good**
1957	Lonchamp, J. P. **'Etude Par La Methode De La Plaque Photographique Des Ions Li Acceleres'** ***J. Phys. Radium, 18, 239-46 (1957)*** *Comment : R. 7.03-19.32 MeV H, 9.02-25.22 MeV He -> Emulsion*	**1957-Lonc**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1957	Telkovskii, V. G. Pistunovich, V. I. **'Passage of Ions of Various Gases through a Thin Silver Film'** ***Dokl. Akad. Nank. Sssr, 113, 1035-38 (1957). (Sov. Phys. Doklady, 2, 184-86 (1957).*** *Comment : S. 2-20 keV H, He, C, N, O -> Ag*	**1957-Telk**
1958	Barkas, W. H. Barrett, P. H. Cuer, P. Heckman, H. H. Smith, F. M. **'The Range-Energy Relation in Emulsion. I. Range Measurements.'** ***Nuovo Cimento, 8, 185-200 (1958)*** *Comment : R. (2.5-700 MeV) T, D, H, He, Mu+, Pi+ -> Emulsion*	**1958-Bark**
1958	Bichsel, H. **'Experimental Range of Protons in Al'** ***Phys. Rev., 112, 1089-91 (1958)*** *Comment : R. 1-6 MeV H -> Al*	**1958-Bich**
1958	Gilber, F. C. Heckman, H. H. Smith, F. M. **'Ranges of 14 MeV Protons in Nuclear Emulsion'** ***Rev. Sci. Inst., 29, 404-05 (1958)*** *Comment : R. 14 MeV H -> Emulsion*	**1958-Gilb**
1958	Millar, C. H. Hincks, E. P. Hanna, G. C. **'A Large-Area Liquid Scintillation Counter and Some Measurements on High-Energy Cosmic-Ray Particles'** ***Can. J. Phys., 36, 54-72 (1958)*** *Comment : S, dS. 0.3-0.8 GeV H, 0.3-2.2 GeV Mu -> Liquid Scintillators*	**1958-Mill**
1958	Stelson, P. H. McGowan, F. K. **'Coulomb Excitation of Medium Weight Even-Even Nuclei'** ***Phys. Rev., 110, 489 (1958)*** *Comment : S. H (0.8-5.0 MeV) -> Ag, Au*	**1958-Stel**
1959	Lorentz, D. C. Zimmerman, F. J. **'Stopping of Low-Energy, H+ and He+ Ions in Plastic'** ***Phys. Rev., 113, 1199-1203 (1959)*** *Comment : S. 40-340 keV H, He -> Plastics*	**1959-Lore**
1959	Zrelov, V. P. Stoletov, G. D. **'Range-Energy Relation for 660 MeV Protons'** ***Zh. Eksp. Teor. Fiz., 36, 664-72 (1959) [Engl. Trans. Sov. Phys. Jetp, 9, 461-67 (1959)]*** *Comment : R. 660 MeV H -> Cu. S Rel. To Cu, 635 MeV H -> H, Be, C, Fe, Cd, W*	**1959-Zrel**
1960	Farmer, B. J. Bichsel, H. **'Range-Energy Measurements for 2- to 5-MeV Protons in Ni and Ag'** ***Bull. Am. Phys. Soc., 5, 263 (1960)*** *Comment : R. 2-5.2-MeV H -> Ni, Ag*	**1960-Farm**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1960	Gen, M. Ya. Petrov, Yu. I. **'The Range in Aluminium of 14.7 MeV Protons'** ***Atomnaya Energiya (USSR), 7, 473 (1959). [Engl. Trans. Reactor Sci., 13, 91-92, (1960)]*** *Comment : R. 14.7 MeV H -> Al*	**1960-Gen**
1960	Gunnersen, E. M. James, G. **'On the Efficiency of the Reaction H3(d,n)He4 in Titanium Tritide Bombarded with Deuterons'** ***Nucl. Inst. Methods, 8, 173-84 (1960)*** *Comment : S. 40-120 keV H -> TiH*	**1960-Gunn**
1960	Heckmann, H. H. Perkins, B. L. Simon, W. G. Smith, F. M. Barkas, W. H. **'Ranges and Energy-Loss Processes of Heavy Ions in Emulsion'** ***Phys. Rev., 117, 544-56 (1960)*** *Comment : R. (0.6-330 MeV) H, C, N, O, Ne, Ar -> Emulsion*	**1960-Heck**
1960	Hines, R. L. **'Ranges of 7.5 to 52 keV H+2, D+2, He+, and Ne+ Ions in Quartz.'** ***Phys. Rev., 120, 1626-30 (1960)*** *Comment : R. 7.5-52 keV H+2, D+2, He+, Ne+ -> SiO2 (Cryst.)*	**1960-Hine**
1961	Anashkina, E. S. **'Range-Energy Relation of Protons in Nikkon-Ya2 Emulsion'** ***Pribory Tekh. Eksper. No. 4, 148 (1961). [Engl. Trans. Inst. Exp. Tech. No. 4, 772-73, (1961)]*** *Comment : R. 2.47, 14.2 MeV H -> Emulsion*	**1961-Anas**
1961	Barkas, W. H. VonFriesen, S. **'High-Velocity Range and Energy-Loss Measurements in Al, Cu, Pb, U and Emulsion'** ***Nuovo Cimento Suppl., 19, 41-62 (1961)*** *Comment : R, S Rel. To Cu. 750 MeV H -> Al, Cu, Pb, U, Emulsion*	**1961-Bark2**
1961	Softky, S. D. **'Ratio of Atomic Stopping Power of Graphite and Diamond for 1 MeV Protons'** ***Phys. Rev., 123, 1085-91 (1961)*** *Comment : S. 1.1 MeV H -> C*	**1961-Soft**
1962	Ewing, R. I. **'Response of Silicon Surface Barrier Detectors to Hydrogen Ions of Energies 25 to 250 keV'** ***IEEE Trans. Nucl. Sci., NS-09, No. 3, 207-10 (1962)*** *Comment : S. Rel. To H+. (70 keV/amu) H+2, H+3 -> Si*	**1962-Ewin**
1962	Gott, Yu. V. Telkovskiy, V. G. **'Energy Losses of Light Ions in Thin Metallic Foils'** ***Radioteknika I. Elek. (USSR), 7, 1956-61 (1962) [Engl. Trans:Rad. Eng. and Electron Phys., 7, 1813-19 (1962)]*** *Comment : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au*	**1962-Gott**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1962	Huberman, M. N. **'Partial Ionic Stopping Power and the Energy Expended in Electron Capture and Loss Collisions of Protons in Hydrogen Gas. II'** ***Phys. Rev., 127, 799 (1962)*** *Comment : S. H (42-53 keV) -> H2*	**1962-Hube**
1962	Overley, J. C. Whaling, W. **'Highly Excited States in C11 Elastic Scattering of Protons by B10'** ***Phys. Rev., 128, 315-24 (1962)*** *Comment : S. 0.1-3.0 MeV H -> B*	**1962-Over**
1962	VanWijngaarden, A. Duckworth, H. E. **'Energy Loss in Condensed Matter of 1H, and 4He in the Energy Range 4 < E < 30 keV'** ***Can. J. Phys., 40, 1749-64 (1962)*** *Comment : S. 4-30 keV H, He -> C, Al2O3*	**1962-VanW**
1963	Hauser, I. **'Die Reichweite Van 6.50 MeV-Protonen in der Agfa-K2-Emulsion.'** ***Exper. Tech. Phys., 11, 126-29 (1963)*** *Comment : R. 6.5 MeV H -> Emulsion*	**1963-Haus**
1963	Hauser, I. **'Dependence of the Proton Range on Energy in Nikfi-Ya2 Emulsion'** ***Pribory Tekh. Eksper. No. 6, 60-64 (1963). [Engl. Trans. Inst. Exp. Tech. No. 6, 1172-73, (1963)]*** *Comment : R. 6.47 MeV H -> Emulsion*	**1963-Haus2**
1963	Meckbach, W. Allison, S. K. **'Ratio of Effective Charge of He Beams Traversing Gaseous Metallic Conductors'** ***Phys. Rev., 132, 294-304 (1963)*** *Comment : S. 148-920 keV He, 37-230 keV H -> Cd (Gas. And Sol. Phase)*	**1963-Meck**
1963	Ormrod, J. H. Duckworth, H. E. **'Stopping Cross Sections in Carbon for Low-Energy Atoms with Z < 12'** ***Can. J. Phys., 41, 1424-42 (1963)*** *Comment : S. (10-130 keV) H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> C*	**1963-Ormr**
1963	Park, J. T. Zimmermann, E. J. **'Stopping Cross Section of Some Hydrocarbon Gases for 40-250 keV Protons and Helium Ions'** ***Phys. Rev., 131, 1611-18 (1963)*** *Comment : S. 40-250 keV H -> Air, He, Various Hydrocarbons*	**1963-Park**
1963	Primak, W. Dayal, Y. Edwards, E. **'Ion Bombardment of Silicon'** ***J. Appl. Phys., 34, 827-38 (1963)*** *Comment : R. 100 keV H -> Si*	**1963-Prim**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1963	Wolke, R. L. Bishop, W. N. Eichler, E. Johnson, N. R. O'Kelley, G. D. **'Ranges and Stopping Cross Sections of Low-Energy Tritons'** ***Phys. Rev., 129, 2591-96 (1963)*** *Comment : R, S. 0.2-2.73 MeV T -> N2, Al, Ar, Ni, Kr, Xe.*	**1963-Wolk**
1964	Dearnaley, G. **'The Channeling of Ions through Silicon Detectors'** ***IEEE Trans. Nucl. Sci., NS-11, 249-53 (1964)*** *Comment : S, dS. 2 MeV H -> Si (Cryst.)*	**1964-Dear**
1964	Erginsoy, C. Wegner, H. E. Gibson, W. M. **'Anisotropic Energy Loss of Light Particles of MeV Energies in Thin Silicon Single Crystals'** ***Phys. Rev. Letters, 13, 530-34 (1964)*** *Comment : S, dS. 2.8 MeV H -> Si (Cryst.)*	**1964-Ergi**
1964	Koschmieder, L. **'Zur Energiebestimmung von Protonen Aus Reichweitemessungen'** ***Z. Naturforschg. 19A, 1414-16 (1964)*** *Comment : R. 57-144 MeV H -> Cu. Ranges From Transmission Through Foil Stacks.*	**1964-Kosc**
1964	Morbitzer, L. Scharmann, A. **'Messung der Eindringtiefe von Elektronen und Ionen in Dunnen Aufdampfschichten'** ***Z. Physik, 181, 67-86 (1964)*** *Comment : R. 1-10 keV H, 1-12 keV He, 1-30 keV Ne, Ar -> LiF, NaF, MgF2, CaF2, ZnS.*	**1964-Morb**
1964	Morbitzer, L. Scharmann, A. **'Messung der Eindringtiefe von Heliumionen und Elektronen Bis 10 keV in LiF - Aufdampfschichten'** ***Z. Physik, 177, 174-78 (1964)*** *Comment : R. 1-10 keV H+ -> LiF*	**1964-Morb2**
1964	Morsell, A. L. **'Proton Energy-Loss Distributions from Thin Carbon Films'** ***Phys. Rev. A, 135, 1436-43 (1964)*** *Comment : S, dS. 990 keV H -> C*	**1964-Mors**
1965	Andersen, H. H. **'A Low-Temperature Technique for Measurement of Heavy-Particle Stopping Powers of Metals'** ***Danish A.E.C. Riso. Rpt. No. 93, 1-60 (1965)*** *Comment : S. 5-12 MeV H, D -> Al*	**1965-Ande**
1965	Appleton, B. R. Erginsoy, C. Wegner, H. E. Gibson, W. M. **'Axial and Planar Effects in the Energy Loss of Protons in Silicon Single Crystals'** ***Phys. Letters, 19, 185-86 (1965)*** *Comment : S, dS. 4.85 MeV H -> Si (Cryst.)*	**1965-Appl**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1965	Boring, J. W. Strohl, G. E. Woods, F. R. **'Total Ionization in Nitrogen by Heavy Ions of Energies 25 to 50 keV'** ***Phys. Rev. A, 140, 1065-69 (1965).*** *Comment : S. 25-50 keV H, He, C, N, O, Ar -> N2*	**1965-Bori**
1965	Galaktionov, Y. U. Yech, F. A. Lyubimov, V. Z. **'Investigations of Fluctuations of Measurements of Particles Ionization Power in a Spark Chamber'** ***Nucl. Inst. Methods, 33, 353-54, (1965)*** *Comment : dS. 600 MeV/c H, Pi -> Ne*	**1965-Gala**
1965	Grew, G. W. **'Cyclotron Tests to Determine the Response of Solid-State Detectors to Protons of Energies 50 to 160 MeV for Use in a Proton Spectrometer'** ***IEEE Trans. Nucl. Sci., NS-12, 308-13 (1965)*** *Comment : S,dS. 50-160 MeV H -> Si*	**1965-Grew**
1965	Hollricher, O. **'Umladnng und Ionisation Beim Durchgang von Leichten und Schweren Wasserstoffionen Durch Leichten und Schweren Wasserstoff'** ***Z. Physik, 187, 41 (1965)*** *Comment : S. 1.5 - 30 keV H, D -> H2, D2*	**1965-Holl**
1965	Moorhead, R. D. **'Stopping Cross Sections of Low Atomic Number Materials for He+ 65-180 keV'** ***J. Appl. Phys., 36, 391-96 (1965)*** *Comment : S. 65 - 180 keV H, He -> C, He -> Al, Cr*	**1965-Moor**
1965	Ophel, T. R. Morris, J. M. **'Measurement of the Energy Distribution of Charged Particles afterPassage through a Thin Foil'** ***Phys. Letters, 19, 245-47 (1965)*** *Comment : dS. 1.0L MeV H -> C*	**1965-Ophe**
1965	Ormrod, J. H. Macdonald, J. R. Duckworth, H. E. **'Some Low-Energy Atomic Stopping Cross Sections'** ***Can. J. Phys., 43, 275-84 (1965)*** *Comment : S. (10-150 keV) H, D, He, Li, B, C, N, O, F, Ne, Na -> Al; (20-130 keV) Si, P, S, Cl, Ar, K -> C*	**1965-Ormr**
1965	Pivovar, L. I. Nikolaichuk, L. I. Rashkovan, V. M. **'Passage of Lithium Ions through Condensed Targets'** ***Zh. Eksp. Teor. Fiz., 47, 1221-27 (1964) [Engl. Trans. Sov. Phys. Jetp, 20, 225-29 (1965)]*** *Comment : S. 20-145 keV Li -> C*	**1965-Pivo**
1965	Portner, P. M. Moore, R. B. **'A Precise Measurement of the Range of 100 MeV Protons in Aluminum'** ***Can. J. Phys., 43, 1904-14 (1965)*** *Comment : R. 100 MeV H -> Al. Range From Transmission Through Foils.*	**1965-Port**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1965	Sattler, A. R. Dearnaley, G. **'Anomalous Energy Losses of Protons Channeled in Single Crystal Germanium'** ***Phys. Rev. Letters, 15, 59-61 (1965)*** *Comment : S, dS. 4.25 - 7.75 MeV H, 7.63 MeV D -> Ge (Cryst.)*	**1965-Satt2**
1965	Sautter, C. A. Zimmermann, E. J. **'Stopping Cross Sections of Carbon and Hydrocarbon Solids for Low-Energy Protons and Helium Ions'** ***Phys. Rev. A, 140, 490-98 (1965).*** *Comment : S. 30-350 keV H, He -> C, Plastics*	**1965-Saut**
1965	Schuler, R. H. **'Radiolysis of Benzene by Heavy Ions'** ***Trans. Faraday Soc., 61, 100-109 (1965)*** *Comment : S. 100 keV H, 500 keV He -> Benzene*	**1965-Schu**
1965	Wegner, H. E. Appleton, B. R. Erginsoy, C. Gibson, W. M. **'Axial and Planar Effects in the Energy Loss of Protons in Silicon Single Crystals'** ***Phys. Letters, 19, 187-89 (1965)*** *Comment : S,dS. 4.85 MeV H -> Si (Cryst.)*	**1965-Wegn**
1966	Andersen, H. H. Garfinkel, A. F. Hanke, C. C. Sorensen, H. **'Stopping Power of Aluminum for 5-12 MeV Protons and Deuterons'** ***Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 34, No. 4, 1-24 (1966)*** *Comment : S. 5-12 MeV H, D -> Al*	**1966-Ande**
1966	Appleton, B. R. Altman, M. Feldman, L. C. Gibson, W. M. Erginsoy, C. **'Least Energy Loss and Its Dispersion for þChanneledþ Protons in Silicon and Germanium Single Crystals'** ***Bull. Am. Phys. Soc., 11, 176 (1966)*** *Comment : S, dS. 3-11 MeV H -> Si, Ge (Both Cryst.)*	**1966-Appl**
1966	Eisen, F. H. **'Channeling of 375 keV Protons through Silicon'** ***Phys. Letters, 23, 401-02 (1966)*** *Comment : S, dS. 375 keV H -> Si (Cryst.)*	**1966-Eise**
1966	Fastrup, B. Hvelplund, P. Sautter, C. A. **'Stopping Cross Section in Carbon of 0.1-1.0 MeV Atoms with 5<Z<20'** ***Kgl. Danske Videnskab. Selskab. Mat. Fys.Medd., 35, No. 10, 1-28 (1966)*** *Comment : S. (80-900 keV) H, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar->C*	**1966-Fast**
1966	Kloppenburg, J. Flammersfeld, A. **'Energieverlustmessungen in Antrazen, Terphenyl und Plastikzintillatoren Fur Protonen und Deuteronen in Energiebereich von 100 Bis 900 keV'** ***Z. Physik, 196, 424-32 (1966)*** *Comment : S. 0.1-0.9 MeV H, D -> Anthrazene, Terhenylen, Plast. Scintillators.*	**1966-Klop**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1966	Lander, R. L. Mehlhop, W. A. Lubatti, H. J. Schnurmacher, G. L. **'Solid-State Devices as Detectors of High-Energy Interactions'** ***Nucl. Inst. Methods, 42, 261-68 (1966)*** *Comment : dS. 760 MeV H -> Si*	**1966-Land**
1966	Maccabee, H. D. Raju, M. R. Tobias, C. A. **'Fluctuations of Energy Loss in Semiconductor Detectors'** ***IEEE Trans. Nucl. Sci., NS-13, No. 6, 176-79 (1966)*** *Comment : dS. 730 MeV H, 910 MeV He -> Si*	**1966-Macc**
1966	Macdonald, J. R. Ormrod, J. H. Duckworth, H. E. **'Stopping Cross Section in Boron of Low Atomic Number Atoms with Energies from 15 to 140 keV'** ***Z. Naturforschg. 21A, 130-34 (1966)*** *Comment : S. (12-140 keV) H, D, He, Li, B, C, N. O, F, Ne, Na -> B*	**1966-Macd**
1966	Mason, D. L. Prior, R. M. Quinton, A. R. **'The Energy Straggling of 1 MeV Protons in Gases'** ***Nucl. Inst. Methods, 45, 41-44 (1966)*** *Comment : dS. 1 MeV H -> H, He, N, O, Ar, Xe*	**1966-Maso**
1967	Andersen, H. H. Hanke, C. C. Sorensen, H. Vajda, P. **'Stopping Power of Be, Al, Cu, Ag, Pt and Au for 5-12 MeV Protons and Deuterons'** ***Phys. Rev., 153, 338-42 (1967)*** *Comment : S. 4.5 - 12 MeV H, D -> Be, Al, Cu, Ag, Pt, Au*	**1967-Ande**
1967	Andreen, C. J. Hines, R. L. **'Critical Angles for Channelling of 1 to 25 keV H+, D+ and He+ in Gold Crystals'** ***Phys. Rev., 159, 285-90 (1967)*** *Comment : S. 14-28 keV H, D, He -> Au, Au (Cryst.)*	**1967-Andr**
1967	Appleton, B. R. Erginsoy, C. Gibson, W. M. **'Channeling in the Energy Loss of 3-11 MeV Protons in Silicon and Germanium Single Crystals'** ***Phys. Rev., 161, 330-49 (1967)*** *Comment : S. 3-11 MeV H -> Si, Ge (Both Cryst.). Chann. And Random*	**1967-Appl**
1967	Bogdanov, G. F. Kabaev, V. P. Lebedev, F. V. Noviko, G. M. **'Stopping Power of Nickel for Protons and He Ions for the Energy Range 20-95 keV'** ***Atomnaya Energiya (USSR), 22, 126-27 (1967) [Engl. Trans. Sov. Atom. Energy, 22, 133-34, (1967)]*** *Comment : S. 20-95 keV H, He -> Ni*	**1967-Bogd**
1967	Borovik, E. S. Katrich, N. P. Nikolaev, G. T. **'The Determination of the Penetration Coefficient of Fast H+ Ions in Metals by the Condensation Method'** ***Atomnaya Energiya (USSR), 23, 102-05 (1967) [Engl. Trans. Sov. Atom. Energ., 23, 793-96 (1967).*** *Comment : R. 35 keV H -> Ni, Ti*	**1967-Boro**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1967	Gorodetzky, S. Chevallier, A. Pape, A. Sers, J. C. Bergdolt, A. M. **'Mesure Des Pouvoirs D'Arret De C, Ca, Au Et Ca Pours Des Protons D'Energie Comprise Entre Et 6 MeV.'** ***Nucl. Phys., A91, 133-44 (1967)*** *Comment : S. 0.4-6.0 MeV H -> C, Ca, Au, CaF2*	**1967-Goro**
1967	Hastings, L. Ryall, P. R. VanWijngaarden, A. **'The Energy Loss of Heavy Ions in ZnS: Ag in the keV Range'** ***Can. J. Phys., 45, 2334-42 (1967)*** *Comment : S. (5-100 keV) H, He, N, Ar, Kr -> ZnS:Ag*	**1967-Hast**
1967	Hughes, S. **'The Range of 5-50 keV Heavy Ions in Various Gases'** ***Phys. Med. Biol., 12, 565-71 (1967)*** *Comment : R. 5-50 keV H+ -> Ar, CO2, N2, CH4, C2H5, C2H4, C3H8, C4H10. 5-30 keV N+ -> CH4*	**1967-Hugh**
1967	Ishiwari, R. Shiomi, N. Mori, Y. Ohata, T. Uemura, Y. **'Comparison of Energy Losses of Protons and Deuterons of Exactly the Same Velocity'** ***Bull. Inst. Chem. Res. Kyoto Univ., 45, 379-87 (1967)*** *Comment : S. 7 MeV H, 14 MeV D -> Al*	**1967-Ishi**
1967	Lepishinskaya, V. N. Zarutskiy, E. M. **'Penetration of Medium Energies Ions into Metals'** ***Proceeding of the 8th Int. Conf. Ion. Phenom. in Gases,Springer. Wien, P. 44 (1967)*** *Comment : R, S. 1-16 keV H+, H2+, H3+ -> Cu*	**1967-Lepi**
1967	Makarov, V. V. Petrov, N. N. **'Penetration of Light Atomic and Molecular Ions into SiC Single Crystals'** ***Fiz. Tverd. Tela, 8, 3723-25 (1966) [Engl. Trans. Sov. Phys. Solid State, 8, 2993-84 (1967)]*** *Comment : R. 4-20 keV H, H2, H3, D, D2, D3, He -> SiC*	**1967-Maka**
1967	Marcinkowski, A. Rzewuski, H. Werner, Z. **'Range-Energy Relation for Low Energy Protons in Si and Ge'** ***Nucl. Inst. Methods, 57, 338-40 (1967)*** *Comment : R. 0.8 - 1.9 MeV H -> Ge, Si.*	**1967-Marc**
1967	Morita, K. Akimura, H. Suita, T. **'Stopping Cross-Sections of Metallic Films for Projectile of Low Energy Proton'** ***J. Phys. Soc. Jap., 22, 1503 (1967)*** *Comment : S. 7-35 keV H -> Be, Al, Cu, Ag, Au*	**1967-Mori**
1967	Nicoletta, C. A. Mcnulty, P. L. Jain, P. L. **'Ionization Loss as a Function of Energy by Four Different Proton Beams in the Same Emulsion'** ***Bull. Am. Phys. Soc., 12, 28a (1967)*** *Comment : S. 5-24 GeV H -> Emulsion*	**1967-Nico**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1967	Remillieux, J. Samueli, J. J. Sarazin, A. **'Etude Des Effets Directionnels Dans La Transmission De Protons De 2 MeV a Travers Un Monocristal De Silicium'** ***J. Physique, 28, 832-38 (1967)*** *Comment : S, dS. 2 MeV H -> Si (Cryst.)*	**1967-Remi**
1967	Sattler, A. R. **'Velocity and Charge Dependence of the Energy Losses of the Channeling Peak'** ***Bull. Am. Phys. Soc., 12, 392 (1967)*** *Comment : S. 3-4 MeV H, D, He -> GaSb (Cryst.)*	**1967-Satt**
1967	Vasilievsky, I. M. Prokoshkin, Yu. D. **'Ionization Energy Loss of Protons, Deuterons and Alpha-Particles'** ***Yaderna Fiz. (Russia), 4, 549-55 (1966)[Engl. Trans. Sov. Phys. Nucl. Phys., 4, 390-94 (1967)]*** *Comment : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb*	**1967-Vasi**
1967	White, W. Mueller, R. M. **'Measurement of Atomic-Stopping Cross Sections at Low Energies'** ***J. Appl. Phys., 38, 3660-61 (1967)*** *Comment : S. 20-140 keV H, He -> Al*	**1967-Whit**
1967	Zarutskii, E. M. **'Penetration of Hydrogen Ions into Copper'** ***Fiz. Tverd. Tela, 9, 1500-04 (1967). [Engl. Trans. Sov. Phys. Solid State, 9, 1172-76 (1967)]*** *Comment : S. 4-20 keV H+ -> Cu*	**1967-Zaru**
1968	Andersen, H. H. Hanke, C. C. Simonsen, H. Sorensen, H. Vajda, P. **'Stopping Power of the Elements Z = 20 through Z = 30 for 5 - 12 MeV Protons and Deuterons'** ***Phys. Rev., 175, 389-95 (1968)*** *Comment : S. 5-12 MeV H, D -> Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn*	**1968-Ande**
1968	Bewers, J. M. Flack, F. C. **'Stopping Power and the Additivity Rule for Some Fluorine Compounds'** ***Nucl. Inst. Methods, 59, 337-38 (1968)*** *Comment : S. 1 MeV H -> CaF2, LiF, Na2SiF6, KbF4, NaF, K2SiF6, BaSiF6øH2O, (Nh4)2SiF6, KF, PbF2, ZnF2O3H2O, CdF2, ZnSiF6O4H2O, NiF2O15H2O, CuF2O2H2, BaF2*	**1968-Bewe**
1968	Chadderton, L. T. Anderson, M. G. **'Energy Structure in the Axial Channeling of 30 keV Protons through Gold'** ***Phys. Letters A, 27, 665-66 (1968)*** *Comment : S, dS. 30 keV H -> Au (Cryst.)*	**1968-Chad**
1968	Congel, F. J. Mcnulty, P. S. **'Relativistic Energy Loss by Ionization in Nuclear Emulsion'** ***Phys. Rev., 176, 1615-20 (1968)*** *Comment : S. 5-24 GeV/c H, 5 GeV/c Pi -> Emulsion. Rel. To Min.*	**1968-Cong**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Gott, Yu. V. Tel'Kovsky, V. G. **'Deceleration of Slow Hydrogen and Deuterium Ions in a Thin Silver Foil'** ***Fiz. Tverd. Tela, 9, 2221-24 (1967). [Engl. Trans. Sov. Phys. Solid State, 9, 1741-44 (1968).*** *Comment : S. 0.2-40 keV H,D -> Ag*	**1968-Gott**
1968	Hilbert, J. W. Baily, N. A. Lane, R. G. **'Statistical Fluctuations of Energy Deposited in Low-Atomic-Number Materials by 43 MeV Protons'** ***Phys. Rev., 168, 290-93 (1968)*** *Comment : dS. 43.7 MeV H -> He-CO2 Mixture*	**1968-Hilb**
1968	Hvelplund, P. **'Prisopgave'** ***Aarhus University P. 1-105 (In Danish) (1968)*** *Comment : S, dS. Many Ions (H-Hg) at 50-500 keV -> H, He, Ne, Ar, Kr, Xe, Air*	**1968-Hvel**
1968	Johnson, C. H. Kernell, R. L. **'Use of the (p,n) Reaction to Measure Proton Atomic Stopping Powers in Ag, Cd, In, and Sn'** ***Phys. Rev., 169, 974-77 (1968)*** *Comment : S. 4.5 MeV H -> Ag, Cd, In, Sn*	**1968-John**
1968	Kolats, J. J. Amos, T. M. Bichsel, H. **'Energy-Loss Straggling of Protons in Silicon'** ***Phys. Rev., 176, 484-89 (1968)*** *Comment : dS. 5-42 MeV H -> Si*	**1968-Kola**
1968	Leminen, E. Fontell, A. Bister, M. **'Stopping Power of Al, Zn, and in for 0.6 - 2.4 MeV Protons'** ***Ann. Acad. Sci. Fenn. Ser. A Vi. Phys. No. 281, 1-12 (1968)*** *Comment : S. 0.6-2.4 MeV H -> Al, In, Zn*	**1968-Lemi**
1968	Maccabee, H. D. Raju, M. R. Tobias, C. H. **'Fluctuations of Energy Loss by Heavy Charged Particles in Thin Absorbers'** ***Phys. Rev., 165, 469-74 (1968)*** *Comment : dS. 45, 730 MeV H, 910 MeV He, 370 MeV Pi- -> Si*	**1968-Macc**
1968	Mannami, M. Fujimoto, F. Ozawa, K. **'Anomalous Energy Losses of 1.5 MeV Protons Channeled in Silicon Single Crystals.'** ***Phys. Letters A, 26, 201-02 (1968)*** *Comment : S, dS. 1.5 MeV H -> Si (Cryst.)*	**1968-Mann**
1968	Morita, K. Akimura, H. Suita, T. **'Energy Loss of Low Energy Protons and Deuterons in Evaporated Metallic Films'** ***J. Phys. Soc. Jap., 25, 1525-32 (1968)*** *Comment : S, dS. 7-40 keV H, D -> Cu, 7-40 keV H -> Be, Al, Ag, Au*	**1968-Mori**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Morton, A. H. Aldcroft, D. A. Payne, M. F. **'Energy Loss by Low-Energy Protons in Gold'** ***Phys. Rev., 165, 415-19 (1968)*** *Comment : S. 10-50 keV H -> Au*	**1968-Mort**
1968	Ormrod, J. H. **'Low-Energy Electronic Stopping Cross Sections in Nitrogen and Argon'** ***Can. J. Phys., 46, 497-502 (1968)*** *Comment : S. (5-200 keV) H, D, He, B, C, N, O, F, Ne -> N, Ar*	**1968-Ormr**
1968	Sattler, A. R. Dearnaley, G. **'Channeling in Diamond-Type and Zinc-Blende Lattices: Comparative Effects in Channeling of Protons and Deuterons in Ge, GaAs, and Si'** ***Phys. Rev., 161, 244-52 (1967)(Erratum, Phys. Rev., 165, 750 (1968))*** *Comment : S. 4-7.6 MeV H, D -> Ge, GaAs, Si (All Cryst.)*	**1968-Satt**
1968	Sattler, A. R. Vook, F. L. **'Channeling in Zinc-Blende Lattices: Energy-Loss Studies for Hydrogen and Helium Ions in InAs, GaSb, AlSb, and InSb'** ***Phys. Rev., 175, 526-32 (1968)*** *Comment : S. (2-8 MeV) H, D, He, -> InAs, GaSb, InSb, AlSb (All (Cryst.)*	**1968-Satt2**
1968	Shipatov, E. T. Kononov, B. A. **'Influence of the Crystal Structure on the Loss of Energy by Fast Protons in Single Crystals of Alkali Halides'** ***Fiz. Tverd. Tela, 10, 854-57 (1968) [Engl. Trans. Sov. Phys. Solid State, 10, 670-72 (1968)]*** *Comment : S, dS. 6.72 MeV H -> NaCl, KBr (Cryst.). Chann. And Random*	**1968-Ship**
1968	Shipatov, E. T. Kononov, B. A. **'Investigation of the Channeling of Protons in Single Crystals of Ionic Compounds and Semiconductors'** ***Izv. Vuz. Fiz. No. 9, 52-56 (1968). [Engl. Trans. Soviet Phys. J. No. 9, 46-49, (1968)]*** *Comment : S,dS. H (4.7-6.7 MeV) -> NaCl, KCl, KBr, Si, Ge (crystals)*	**1968-Ship2**
1968	Shipatov, E. T. Kononov, B. A. **'Energy Distribution of 6.72 MeV Protons Passing through Monocrystals.'** ***Atomnaya Energiya (USSR), 25, 439-40 (1968) [Engl. Trans. Sov. Atom. Energy, 25, 1254-55 (1968).*** *Comment : S, dS. 6.72 MeV H -> NaCl, KCl, KBr, Si, Ge (All Cryst.)*	**1968-Ship3**
1968	Shipatov, E. T. Kononov, V. A. Ivakin, V. P. **'Orientation Dependence of Energy Loss of Fast Protons in a KBr Single Crystal'** ***Izv. Vuz. Fiz. No. 2, 136-38 (1968). [Engl. Trans. Soviet Phys. J. No. 2, 91 (1968).]*** *Comment : S, dS. 6.72 MeV H -> KBr (Cryst.)*	**1968-Ship4**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Tschalar, C. Bichsel, H. **'Mean Excitation Potential of Light Compounds'** ***Phys. Rev., 175, 476-8 (1968)*** *Comment : R. 3-30 MeV H -> Si, Al, SiO2, Al2O3, C3H5O2*	**1968-Tsch3**
1969	Aitken, D. W. Lakin, W. L. Zulliger, H. R. **'Energy Loss and Straggling in Silicon by High-Energy Electrons, Positive Pions, and Protons'** ***Phys. Rev., 179, 393-98 (1969)*** *Comment : S, dS. 29-300 MeV H, 50-200 MeV Pi+ -> Si*	**1969-Aitk**
1969	Andersen, H. H. Simonsen, H. Sorensen, H. **'An Experimental Investigation of Charge-Dependent Deviations from the Bethe Stopping Power Formula'** ***Nucl. Phys., 125, 171-75 (1969)*** *Comment : S. 5-13 MeV H, D; 8-20 MeV 3He, 4He -> Al, Ta*	**1969-Ande**
1969	Andersen, H. H. Simonsen, H. Sorensen, H. Vajda, P. **'Stopping Power of Zr, Gd, and Ta for 5-12 MeV Protons and Deuterons: Further Evidence for an Oscillatory Behaviour of the Excitation Potential'** ***Phys. Rev., 186, 372-75, (1969)*** *Comment : S. 5-12 MeV H, D -> Zr, Gd, Ta*	**1969-Ande2**
1969	Andreev, V. N. Nedopekin, V. G. Rogov, V. I. **'Stopping Power of Argon for Ions with Z Ranging Between 3 and 13'** ***Zh. Eksp. Teor. Fiz., 56, 1504-07 (1969). [Engl. Trans. Sov. Phys. Jetp, 29, 807-08 (1969)*** *Comment : S. (10-30 MeV) Li, C, N, Be, B, Ne, Ar -> Ar*	**1969-Andr2**
1969	Arkhipov, E. P. Gott, Yu. V. **'Slowing Down of 0.5 - 30 keV Protons in Some Materials.'** ***Zh. Eksp. Teor. Fiz., 56, 1146-51 (1969). [Engl. Trans. Sov. Phys. Jetp, 29, 615-18 (1969)*** *Comment : S. 0.5-30 keV H -> C, Ti, Al, Cu, Ni, Fe, Ge, Si, Sb, Bi*	**1969-Arkh**
1969	Baily, N. A. Steigerwalt, J. E. **'Frequency Distribution for Very Small Energy Losses by 46 MeV Protons'** ***Bull. Am. Phys. Soc., 14, 846 (1969)*** *Comment : dS. 46 MeV H -> He-CO2 Mixture*	**1969-Bail**
1969	Blanchin, D. Poizat, J. -C. Remillieux, J. Sarazin, A. **'Experimental Determination of the Energy Loss of Protons Channeled through Aluminum Single-Crystal'** ***Nucl. Inst. Methods, 70, 98-102 (1969)*** *Comment : S, dS. 1.4 MeV H -> Al (Cryst.)*	**1969-Blan**
1969	Clark, G. J. Dearnaley, G. Morgan, D. V. Poate, J. M. **'The Stopping Power of Protons Channelled through Csi Crystals'** ***Phys. Letters A, 30, 11-12 (1969)*** *Comment : S. 4 MeV H -> Si (Cryst.)*	**1969-Clar**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1969	Gibson, W. M. Rasmussen, J. B. Olesen, P. A. Andreen, C. J. **'Charged-Particle Energy Loss in Thin Gold Crystals'** ***Can. J. Phys., 46, 551-60 (1968) [Erratum, Can. J. Phys., 47, 1756 (1969)]*** *Comment : S, dS. 400 keV H, 800 keV He -> Au (Cryst.)*	**1969-Gibs**
1969	Gorodetzky, S. Pape, A. Coopermann, E. L. Chevallier, A. Sens, J. C. **'Pouvoir D'Arret Du Germanium Pour Des Protons D'Energie Comprise Entre 0.5 et 5.5 MeV'** ***Nucl. Inst. Methods, 70, 11-12 (1969)*** *Comment : S. 0.36 - 5.5 MeV H -> Ge*	**1969-Goro**
1969	Katrich, N. P. **'Energy Dependence of the Range of H1+ Ions and Depth Distribution of Interstitial Hydrogen in a Nickel Film'** ***Atomnaya Energiya (USSR), 26, 286-287 (1969)*** *Comment : R, dR. 14-42 keV H -> Ni*	**1969-Katr**
1969	Katrich, N. P. **'Effect of Ion Energy and Depth Distribution of Interstitial Hydrogen in a Nickel Film on the Hydrogen Ion Range'** ***Sov. Atom. Energy., 26, 318-19 (1969)*** *Comment : R. 14-42 keV H -> Ni*	**1969-Katr2**
1969	Macdonald, J. R. Sidenius, G. **'The Total Ionization in Methane of Ions with 1 <= Z1 <= 20 at Energies from 10 to 120 keV'** ***Phys. Letters A, 28, 543-44 (1969)*** *Comment : S. 10-120 keV H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, Ca, V, Sc, Ti -> CH4*	**1969-Macd**
1969	Shipatov, E. T. **'Channeling of High Energy Protons in Ionic Single Crystals'** ***Fiz. Tverd. Tela, 10, 2709-15 (1968). [Engl. Trans. Sov. Phys. Solid State, 10, 2132-37 (1969)*** *Comment : S,dS. 4.7, 6.7 MeV H -> NaCl, KCl, KBr (All. Cryst.). Random And Axial.*	**1969-Ship**
1969	Shipatov, E. T. **'Energy and Angular Distributions of Protons Transmitted by Germanium and Silicon Single Crystals Along (110) and (100) Channels in the Crystal Lattice'** ***Fiz. Tekh. Poluprovodnikov, 2, 1690-91 (1968). [Engl. Trans. Sov. Phys. Semicond., 2, 1408-09 (1969)*** *Comment : S, dS. 6.72 MeV H -> Si, Ge (Both Cryst.)*	**1969-Ship2**
1969	Vasilievskii, I. M. Karpov, I. I. Petrushkin, V. I. Prokoshkin, Yu. D. **'Proton Ranges Amd Ionization Energy Losses in Various Materials'** ***Yaderna Fiz., 9, 997-1008 (1968) [Eng. Transl. Sov. J. Nucl. Phys., 9, 583-9 (1969)]*** *Comment : R. 660 MeV H -> C, Al, Cu, Sn, Pb*	**1969-Vasi**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1969	White, W. Mueller, R. M. **'Electron-Stopping Cross Sections of 1H, 4He Particles in Cr, Mn, Fe, Co, Ni, and Cu at Energies Near 100 keV'** ***Phys. Rev., 187, 499-503 (1969)*** *Comment : S. 25-140 keV H, 40-120 keV He -> Cr, Mn, Fe, Co, Ni, Cu*	**1969-Whit**
1970	Baily, N. A. Steigerwalt, J. E. Hilbert, J. W. **'Frequency Distrbution of Energy Deposition by Fast Charged Particles in Very Small Pathlengths'** ***Phys. Rev. B, 2, 577-582 (1970)*** *Comment : dS. 46.4 MeV H -> He-CO2 Mixture*	**1970-Bail**
1970	Bernstein, W. Cole, A. J. Wax, R. L. **'Penetration of 1-20 keV Ions through Thin Carbon Foils'** ***Nucl. Inst. Methods, 90, 325-28 (1970)*** *Comment : S. 1-20 keV H, O, He, Li, N, Ne, K -> C*	**1970-Bern**
1970	Clark, G. J. Morgan, D. V. Poate, J. M. **'Energy Loss of Channeled Protons in the MeV Region, in D'** ***W. Palmer, M. W. Thompson, P. D. Townsend: Atomic Collision Phenomena in Solids. North-Holland, Amsterdam, P. 388-99 (1970)*** *Comment : S, dS. (4-8 MeV) H -> SiC, W, Fe, Ge, Mo, NaCl, MgO (All Targets Cryst.)*	**1970-Clar**
1970	Derrick, M. Fields, T. Hyman, L. G. Keyes, G. Fetkovich, J. **'Range-Energy Relation in Helium'** ***Phys. Rev. A, 2, 7-13 (1970)*** *Comment : R. 30.6 MeV 3H, 8.43 MeV 4H, 4.12 MeV Mu+, Mu- -> He*	**1970-Derr**
1970	Fehsenfeld, F. Scharmann, A. **'Messungen der Eindringtiefen von Ionen in Lif-Zns-Und Csj-Aufdampfschichten'** ***Z. Physik, 230, 435-42 (1970)*** *Comment : R. 5-60 keV H, He Ne, Ar, Kr -> LiF, ZnS, CsJ*	**1970-Fehs**
1970	Garbincius, P. H. Hyman, L. G. **'Range-Energy Relation in Hydrogen'** ***Phys. Rev. A, 2, 1834-38 (1970)*** *Comment : R. 12-40 MeV H -> H2*	**1970-Garb**
1970	Hogberg, G. Norden, H. Skoog, R. **'Energy Loss and Energy Straggling of Well Channelled Hydrogen, Helium and Lithium Ions in Gold'** ***Phys. Stat. Sol., 42, 441-51 (1970)*** *Comment : S,dS. 2-54 keV H, D, He, Li -> Au (Crtst.)*	**1970-Hogb**
1970	Hogberg, G. Norden, H. Berry, H. G. **'Angular Distributions of ions Scattered in Thin Carbon Foils'** ***Nucl. Inst. Methods, 90, 283-288 (1970)*** *Comment : S. H, D, He, Li, N, Ne, Ar (3-45 keV) -> C Energy loss vs. Angular Effects.*	**1970-Hogb2**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1970	Kononov, B. A. Struts, V. K. **'Channeling of Protons in Silicon at Different Temperatures'** ***Izv. Vuz. Fiz. No. 6, 60-63 (1970). [Engl. Trans. Sov. Phys. J., 13, 738-61 (1970)]*** *Comment : S, dS. 6.72 MeV H -> Si (Cryst.)*	**1970-Kono**
1970	Machlin, E. S. Petralia, S. Desalvo, A. Rosa, R. Zignani, F. **'Energy Loss of Protons Channeled through Very Thin Gold'** ***Phil. Mag., 22, 101-16 (1970)*** *Comment : S,dS. 92 keV H -> Au (Cryst.)*	**1970-Mach**
1970	Mannami, M. Sakurai, T. Ozawa, K. Fujimoto, F. Komaki, K. **'Channeling of 1MeV Protons in Alkali Halide Crystals.'** ***Phys. Stat. Sol., 38, K1-K4 (1970)*** *Comment : S,dS. L.5 MeV H -> NaCl, KCl, KBr, KI (All Cryst.)*	**1970-Mann**
1970	McNulty, P. J. Congel, F. J. **'Restricted Energy Loss by Extremely Relativistic Particles'** ***Phys. Rev. D, 1, 3041-44 (1970)*** *Comment : S. Rel. To Min. 5 GeV Pi, 5-24 GeV H -> Emulsion*	**1970-McNu**
1970	Schalch, D. Scharmann, A. **'Eindringtiefen von Ionen in CaF2-Und Rb-Aufdampfschichten'** ***Z. Angew. Phys, 29, 111-13 (1970)*** *Comment : R. 10-80 keV H, He, Ne, Ar, Kr, Xe -> CaF2, Rb*	**1970-Scha**
1970	Swint, J. B. Prior, R. M. Ramirez, J. J. **'Energy Loss of Protons in Gases'** ***Nucl. Inst. Methods, 80, 134-40 (1970)*** *Comment : S. 0.4-3.4 MeV H -> N2, Air, O2, Ne, Ar, Kr, CH4, CO2*	**1970-Swin**
1970	Tschalar, C. Maccabee, H. D. **'Energy-Straggling Measurements of Heavy Charged Particles in Thick Absorbers'** ***Phys. Rev. B, 1, 2863-69 (1970)*** *Comment : dS. 20, 49 MeV H, 80 MeV He -> Al, Au*	**1970-Tsch**
1970	Walsh, P. J. Underwood, N. **'Energy Loss of Heavy Charged Particles'** ***Health Phys., 18, 561-565 (1970)*** *Comment : S. H (0.3-8 MeV) -> H, He, Li, C. Theory, compared to experiments.*	**1970-Wals**
1971	Andersen, T. Ebbesen, A. **'A Sectioning Technique for Sodium Chloride Single Crystals and Its Application for Ion Implantation Studies'** ***Rad. Effects, 11, 113-18 (1971)*** *Comment : R,dR. 30-60 keV Kr, 40 keV H -> NaCl (Cryst.)*	**1971-Ande**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Bonderup, E. Hvelplund, P. **'Stopping Power and Energy Straggling of Swift Protons'** ***Phys. Rev. A, 4, 562-69 (1971)*** *Comment : S,dS. 100-500 keV H -> H2, He, Air, Ne, Ar, Kr*	**1971-Bond**
1971	Chemin, J. F. Roturier, J. Petit, G. Y. **'Mesure par Reactions Nucleaires Resonnantes du Relentissement et de la Dispersion en Energie de Protons'** ***J. Phys. (Paris), 32, 220 (1971)*** *Comment : S,dS. H (1-4 MeV) -> Si.*	**1971-Chem**
1971	DellaMea, G. Drigo, A. V. LoRusso, S. Mazzoldi, P. Bentini, G. G. **'Energy Loss of H, D, and 4He Ions Channeled through Thin Single Crystals of Silicon'** ***Phys. Rev. Letters, 27, 1194-96 (1971)*** *Comment : S. 0.9-5.0 MeV H, D, He -> Si Cryst. And Amorph.*	**1971-Dell**
1971	Ishiwari, R. Shiomi, N. Shirai, S. Ohata, T. Uemura, Y. **'Comparison of Stopping Powers of Al, Ni, Cu, Rh, Ag, Pt and Au for Protons and Deuterons of Exactly the Same Velocity'** ***Bull. Inst. Chem. Res. Kyoto Univ., 49, 390-402 (1971)*** *Comment : S. 7.2 MeV H, 14.4 MeV D -> Al, Ni, Cu, Rh, Ag, Pt, Au*	**1971-Ishi**
1971	Johansen, A. Steenstrup, S. Wohlenberg, T. **'Energy Loss of Protons in Thin Films of Carbon Aluminum and Silver'** ***Rad. Effects, 8, 31-32 (1971)*** *Comment : S. 70-90 keV H -> C, Al, Ag*	**1971-Joha**
1971	Langley, R. A. **'Range-Energy Relations for Helium Ions and Protons in Ar, N2, O2, and Air (0.2 - 2.0 MeV).'** ***Phys. Rev. A, 4, 1868-72 (1971)*** *Comment : R. 0.2-2.0 MeV H, He -> N2, O2, Ar, Air. Ranges Deduced From Ionization.*	**1971-Lang**
1971	Leminen, E. Anttila, A. **'Energy Loss and Straggling of 0.6 -2.0 MeV Protons in Fe, Co and Sb.'** ***Ann. Acad. Sci. Fenn. Ser. A Vi, Physics, No. 370, 1-15 (1971)*** *Comment : S. 0.6-2.0 MeV H -> Fe, Co, Sb*	**1971-Lemi**
1971	Makarov, V. V. Petrov, N. N. **'Investigation of the Slowing Down of Positive Ions in Silicon Carbide'** ***Fiz. Tekh. Poluprovodnikov, 5, 510-13 (1971). [Engl. Trans. Sov. Phys. Semicond., 5, 447-49 (1971).*** *Comment : R. Eta(Epsilon). 1-20 keV H, Li, 2-20 keV D, He, Na, 3-20 keV K -> SiC*	**1971-Maka**
1971	Moline, R. A. **'Ion-Implanted Phosphorous in Silicon: Profiles using C-V Analysis'** ***J. Appl. Phys., 42, 3553-58 (1971)*** *Comment : R. 200, 300, 600 keV H -> Si*	**1971-Moli**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Nakata, H. **'Analysis of Energy Loss Data for 0.2-0.5 MeV/amu p, alpha and N in Se'** ***Phys. Rev. B, 3, 2847 (1971)*** *Comment : S. H, He, N (0.2-0.5 MeV) -> Se, Al, Ag*	**1971-Naka**
1971	Nakata, H. **'Analysis of Energy-Loss Data for 0.2 - 5.0 MeV/amu p, alpha and N in Se.'** ***Phys. Rev. B, 3, 2847-51 (1971)*** *Comment : S. 0.7-1.4 MeV H -> Al, Se, Ag*	**1971-Naka2**
1971	Ormrod, J. H. **'Electronic Stopping Cross Sections of Deuterons in Titanium'** ***Nucl. Inst. Methods, 95, 49-51 (1971)*** *Comment : S. 30-100 keV H, D -> Ti*	**1971-Ormr**
1971	Penkrot, J. A. Cohen, B. L. Rao, G. R. Fulnier, R. H. **'Energy Loss Straggling of Protons in Nickel'** ***Nucl. Inst. Methods, 96, 505-08 (1971)*** *Comment : dS. 17 MeV H -> Ni*	**1971-Penk**
1971	VanWijngaarden, A. Miremadi, B. Baylis, W. E. **'Energy Spectra of keV Backscattered Protons as a Probe for Surface Region Studies'** ***Can. J. Phys., 49, 2440-48 (1971)*** *Comment : S. 20-100 keV H, He -> Au*	**1971-VanW**
1971	Zhukova, G. A. Kesselman, V. S. Mordkovich, V. N. Zabotina, G. F. **'The Slowing Down of Low Energy Protons in SiO2 Films'** ***Zh. Eksp. Teor. Fiz., 59, 414-18 (1970). [Engl. Trans. Sov. Phys. Jetp, 32, 226-28 (1971).*** *Comment : R. 15-50 keV H -> SiO2*	**1971-Zhuk**
1972	Abroyan, I. A. Koryukin, V. A. **'Retardation of Protons in Chromium and Copper'** ***Fiz. Tverd. Tela, 13, 3112-14 (1971). [Engl. Trans. Sov. Phys. Solid State, 13, 2614-16 (1972)]*** *Comment : S. 0.6-10 keV H -> Cu, Cr*	**1972-Abro**
1972	Baily, N. A. Steigerwalt, J. E. Hilbert, J. W. **'Frequency Distributions of Energy Loss by Fast Charged Particles afterPassage through Large Thicknesses of Tissue-Equivalent Materials'** ***Health Phys., 22, 497-502 (1972)*** *Comment : dS. 600 MeV H -> Plastics*	**1972-Bail**
1972	Cano, G. L. **'Penetration of Low-Energy Protons through Thin Films'** ***J. Appl. Phys., 43, 1504-07 (1972)*** *Comment : S. 10-30 keV H -> Er2O3, Sc2O3, Au*	**1972-Cano**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1972	DellaMea, G. Drigo, A. V. LoRusso, S. Mazzoldi, P. **'Indirect Determination of the Energy Loss of Protons Channeled in Silicon Crystals'** ***Rendiconti Della Academia Nationale Dei Lincei. Classe Di Scienze Fisiche Matematiche E Naturali. Ser. 8,, , 52, No. 5, P. 727-33 (1972)*** *Comment : S. 1600 keV H -> Si (Cryst.)*	**1972-Dell**
1972	Edge, R. D. Hedrick, W. R. Dixon, R. L. **'A Comparison of Proton Channeling in the <111> Direction for BaF2 and CaF2'** ***Rad. Effects, 12, 97-103 (1972)*** *Comment : S, dS. 300-400 keV H -> BaF2, CaF2 (Both Cryst.)*	**1972-Edge**
1972	Foster, C. Kool, W. H. VanDerWeg, W. F. Roosendaal, E. **'Random Stopping Power for Protons in Silicon'** ***Rad. Effects, 16, 139-40 (1972)*** *Comment : S. 120 keV H -> Si*	**1972-Fost**
1972	Hellborg, R. **'The Energy Loss of Channeled Protons Determined in an Indirect Way'** ***Phys. Scripta, 4, 75-82 (1972)*** *Comment : S. 1.4-1.8 MeV H -> BaF2, CaF2 (Both Cryst.)*	**1972-Hell**
1972	Huetter, G. T. Madey, R. Yushak, S. M. **'Fluctuations in the Energy Loss of 66- and 100-MeV Protons in a Thin Proportional Counter'** ***Phys. Rev. A, 6, 250-55 (1972)*** *Comment : dS. 66, 100 MeV H -> (0.9 Xe, 0.1 CH4)*	**1972-Huet**
1972	Kubo, K. **'Effects in the Proton Bombardment of NaF Crystals. I. Measurement of the Average Projected Range.'** ***J. Phys. Soc. Jap., 33, 1401-06 (1972)*** *Comment : R. 0.6-1.0 MeV H -> NaF*	**1972-Kubo**
1972	Leminen, E. **'Stopping Power of Ti, Mo, Ta, and W for 0.5 to 1.75 MeV Protons.'** ***Ann. Acad. Sci. Fenn. Ser. A Vi, Phys. No. 386, 1-14 (1972)*** *Comment : S. 0.5-1.75 MeV H -> Ti, Mo, Ta, W*	**1972-Lemi**
1972	Minear, R. L. Nelson, D. G. Gibbons, J. F. **'Enhanced Diffusion in Si and Ge by Light Ion Implantation'** ***J. Appl. Phys., 43, 3468-3480 (1972)*** *Comment : R, dR. 70-150 keV H, D, H2 -> Si, Ge*	**1972-Mine**
1972	Nann, H. Schafer, W. **'The Energy Straggling of Protons in Aluminium'** ***Nucl. Inst. Methods, 100, 217-19 (1972)*** *Comment : dS. 8-19 MeV H -> Al*	**1972-Nann**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1972	Sirotinen, E. I. Tulinov, A. F. Fiderkevich, A. Shyshkin, K. S. **'The Determination of Energy Losses from the Spectrum of Particles Scattered by a Thick Target'** ***Rad. Effects, 15, 149-52 (1972)*** *Comment : S (1-6 MeV) H, He ->W, Pb, Ta, Mo, W, Ag, Yb, Ce.*	**1972-Siro**
1972	Sone, K. Fukusawa, F. **'Transmission of Fast Protons through Si Single Crystals'** ***Mem Fac. Eng. Kyoto Univ., 34, 325-32 (1972)*** *Comment : S, dS. 3 MeV H -> Si (Cryst.)*	**1972-Sone**
1972	Valenzuela, A. Meckbach, W. Kestelman, A. J. Eckardt, J. C. **'Stopping Power of Some Pure Metals for 25-250-keV Hydrogen Ions'** ***Phys. Rev. B, 6, 95-102 (1972)*** *Comment : S Rel. to 250 keV H. 25-250 keV H -> Ni, Cu, Ag, Sn, Au.*	**1972-Vale**
1973	Behrisch, R. Schertzer, B. M. U. **'Rutherford Backscattering as a Tool to Determine Electronic Stopping Powers in Solids'** ***Thin Solid Films, 19, 247-257 (1973)*** *Comment : S. 50-150 keV H -> Nb, Ta, Ta2O5*	**1973-Behr**
1973	Bottiger, J. Eisen, F. H. **'On Conversion from an Energy Scale to a Depth Scale in Channeling Experiments'** ***Thin Solid Films, 19, 239-246 (1973)*** *Comment : S. 0.2-0.4 MeV H -> Si (Cryst.)*	**1973-Bott**
1973	DellaMea, G. Drigo, A. V. LoRusso, S. Mazzoldi, P. Bentini, G. G. **'Axial- to Planar-Channeling Transition'** ***Phys. Rev. B, 7, 4029-4041 (1973)*** *Comment : R. 1-2.8 MeV H -> Si*	**1973-Dell**
1973	Gabriele, S. A. Giusti, P. Massami, T. Palmonari, F. Valenti, G. **'Observation of Relativistic Rise in the Energy Loss in Plastic Scintillator'** ***Nucl. Inst. Methods, 113, 465-68 (1973)*** *Comment : S. 13-20 GeV/c H -> Plast. Scint.*	**1973-Gabr**
1973	Jeanne, D. Lazeyras, P. Lehraus, I. Mathewson, R. Tejessy, W. **'High Energy Particle Identification using Multilayer Proportional Counters'** ***Nucl. Inst. Methods, 111, 287-300 (1973)*** *Comment : S. 1.5-16 GeV/c H, Pi, K -> Ar + 5% CH4*	**1973-Jean**
1973	Leich, D. A. Tombrello, T. A. **'A Technique for Measuring Hydrogen Concentration Versus Depth in Solid Samples'** ***Nucl. Inst. Methods, 108, 67-71 (1973)*** *Comment : R, dR. 11.5 keV H -> SiO2 (Cryst. And Amorph.), Feld Spar*	**1973-Leic**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1973	Presby, H. M. Brown, W. L. **'Refractive Index Variations in Proton Bombarded Fused Silica'** ***Appl. Phys. Letters, 24, 511-514 (1974)*** *Comment : R. H (1.8 MeV) -> SiO2 One of the earliest refractive index papers.*	**1973-Pres**
1973	Sorensen, H. Andersen, H. H. **'Stopping Power of Al, Cu, Ag, Au, Pb and U for 5-18-MeV Protons and Deuterons'** ***Phys. Rev. B, 8, 1854-63 (1973)*** *Comment : S. 5-18 MeV H, D -> Al, Cu, Ag, Au, Pb, U*	**1973-Sore**
1974	Adlerholz, M. Lazeyras, P. Lehraus, I. Mathewson, R. Tejessy, W. **'High-Resolution Ionization Measurements in the Region of Relativistic Rise'** ***Nucl. Inst. Methods, 118, 419-30 (1974)*** *Comment : S, dS. 9 GeV/c H, Pi -> Ar + 5% CH4, 60% He + 30% Ar + 10% CH4, Kr + 5% CH4*	**1974-Adle**
1974	Andersen, H. H. **'Studies of Atomic Collisions in Solids by Means of Calorimetric Techniques'** ***Aarhus University. Aarhus P. 1-279 (1974)*** *Comment : S. 5-17 MeV H, D -> Al, Cu*	**1974-Ande**
1974	Brandt, W. Ratkowski, A. Ritchie, R. H. **'Energy Loss of Swift Proton Clusters in Solids'** ***Phys. Rev. Letters, 33, 1325-28 (1974)*** *Comment : S Rel. To H+ 60-300 keV H+, 75, 150 keV H2+, 60-100 keV H3+ -> C, Au*	**1974-Bran**
1974	Bulgakov, Yu. V. Nikolaev, V. S. Shulga, V. I. **'The Experimental Determination of the Impact Parameter Dependence of Inelastic Energy Loss of Channeled Ions'** ***Phys. Letters A, 46, 477-78 (1974)*** *Comment : S, dS. 1.15, 1.75 MeV H, 5.7 MeV N -> Si (Cryst.)*	**1974-Bulg**
1974	Castaing, C. Baruch, P. Picard, C. **'Mesures Experimentales De La Penetration Des Protons Dans Le Silicum'** ***Le Vide, 171 Supplt, 61 (1974)*** *Comment : R. 200-600 keV H -> Si. Ranges From Pit-Depth After Blistering Of Silicon.*	**1974-Cast**
1974	EerNisse, E. P. **'Compaction of Ion Implanted Fused Silica'** ***J. Appl. Phys., 45, 167-174 (1974)*** *Comment : R. H, He, O, Ne, Ar (150-300 keV) -> SiO2 One of the earliest SiO2 compaction studies.*	**1974-EerN**
1974	Guivarc'H, E. Ligeon A. **'A New Utilization of 11B Ion Beams: Hydrogen Analysis by 1H(11B,alpha)alpha,alpha Nuclear Reaction'** ***Rad. Effects, 22, 101-105 (1974)*** *Comment : R, dR. 10 keV H -> Si*	**1974-Guiv**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Hildebrandt, D. Muller-Jahreis, U. **'Electronic Retarding Cross Sections of Light Ions in GaSb'** ***Int. J. Mass Spectrom. and Ion Phys. (Netherlands), 13, 177-9 (1974)*** *Comment : S. 10-100 keV H, He, Li, B, C, N, O, F, Ne -> GaSb*	**1974-Hild**
1974	Ishiwari, R. **'Comment on Stopping Powers of Various Elements for 7 MeV Protons'** ***J. Phys. Soc. Jap., 36, 1218 (1974)*** *Comment : S. H (7 MeV) -> Ni, Cu*	**1974-Ishi**
1974	Ishiwari, R. Shiomi, N. Shirai, S. Uemara, Y. **'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn and Au for 7.2 MeV Protons'** ***Bull. Inst. Chem. Res. Kyoto Univ., 52, 19-39 (1974)*** *Comment : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au*	**1974-Ishi2**
1974	Ishiwari, R. Shiomi, N. Shirai, S. Uemura, Y. **'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta and Au for 7.2 MeV Protons'** ***Phys. Letters, 48A, 96-98 (1974)*** *Comment : S. H (7.2 MeV) -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au*	**1974-Ishi3**
1974	Kamitsubo, H. **'Heavy Ion Science'** ***Oyo Buturi (Japan), 43, 1019-28 (1974)*** *Comment : S, dS. H, He, C, O, Ar, Xe (1, 10 MeV/amu) -> H2O*	**1974-Kami**
1974	Kubo, K. **'Depths of the Regions Damaged by Protons, Deuterons and Alpha-Particles in Lithium Fluoride Single Crystals'** ***J. Phys. Soc. Jap., 36, 1593-6 (1974)*** *Comment : R, dR. 0.6-2.0 MeV H, 2H, 4He -> LiF*	**1974-Kubo**
1974	Nielsen, B. R. **'Specialeopgave Aarhus University'** ***Specialeopgave Aarhus University, pp 1-75 (In Danish) (1974)*** *Comment : S. (1.6-20 MeV) H, D, He -> Al, Ag*	**1974-Niel**
1974	Ottosen, H. L. **'Specialeopgave Aarhus University'** ***Specialeopgave Aarhus University, pp 1-54 (In Danish) (1974)*** *Comment : S. 0.6-2.5 MeV H -> Al*	**1974-Otto**
1974	Rudnev, A. Shyskin, K. S. Sirotinin, E. I. Tulinov, A. F. **'The Determination of Energy Losses of Channelled Particles from the Backscattering Spectra'** ***Rad. Effects, 22, 29-33 (1974)*** *Comment : S. 6.3 MeV H -> W (Cryst.)*	**1974-Rudn**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Sidenius, G. **'Systematic Stopping Cross Section Measurements with Low Energy Ions in Gases'** ***Kgl. Danske Videnskab. Selskab. Mat. Fys.Medd., 39, No. 4, 1-32 (1974)*** *Comment : S. 0.6-70 keV H, He, 2-120 keV 6Li, 7Li, 3-120 keV Be, B, C, N, O, F, Ne -> CH4*	**1974-Side**
1974	VonDerWeid, J. P. **'Study of Proton Implantation in Alkaline Earth Metal Compounds'** ***Ph.D. Thesis. Pontificia Univ. Catolica Do Rio De Janeiro, Brazil. Inst. De Fisica. Unpublished (1974)*** *Comment : R. 0.7-2.0 MeV H -> Alkaline Earth Metal Compounds*	**1974-VonD**
1974	Zrelov, V. P. Kruglov, S. P. Mus, K. F. Savelyev, V. D. Shulek, P. **'Determination of the Average Excitation Icu of the Copper Ion from the Ionization Range of 660 MeV Protons'** ***Yaderna Fiz. (Russia), 19, 1276-81 (1974). [Engl. Trans. Sov. Journ. Nucl. Phys.,, 19, 653-55 (1974)]*** *Comment : R. 660 MeV H -> Cu*	**1974-Zrel**
1975	DellaMea, G. Drigo, A. V. LoRusso, S. Mazzoldi, P. Bentini, G. G. **'Transmission Energy Loss of Protons Channeled in Thin Silicon Single Crystals of Medium Energy'** ***Datz, B. R. Appleton, C. D. Moak (Ed.): Atomic Collisions in Solids. Plenum N. Y., 75-76 (1975)*** *Comment : S. 50-300 keV H -> Si (Cryst.) Chann. To Random Ratio*	**1975-Dell**
1975	Dose, V. Sele, G. **'Die Elektronische Bremmsvermogen von Stickstoff und Sauerstoff Fur Niederenergetische Protonen'** ***Z. Physik A, 272, 237-43 (1975)*** *Comment : S. 7-30 keV H -> O2, N2*	**1975-Dose**
1975	Duder, J. C. Clare, J. F. Naylor, N. **'Stopping Power of Havar for 0.8-3.9 MeV Deuterons and2.9-6.0 MeV Protons.'** ***Nucl. Inst. Methods, 123, 89-91 (1975)*** *Comment : S. 0.8-3.9 MeV D, 2.9-6.0 MeV H -> Havar (Mainly Co).*	**1975-Dude**
1975	Eisen, F. H. Bottiger, J. **'Transmission Energy Spectra of Channeled Protons Scattered in Thin Silicon Films'** ***Atomic Collisions in Solids, Plenum Press, 919-27 (1975)*** *Comment : S,dS. 200, 400 keV H -> Si (Cryst.)*	**1975-Eise**
1975	Gemmell, D. S. Remillieux, J. Poizat, J. -C. Gaillard, M. J. Holland, R. E. **'Evidence for an Alignment Effect in the Motion of Swift Ion Clusters through Solids'** ***Phys. Rev. Letters, 34, 1420-4 (1975)*** *Comment : S, dS. Molecular Hydrogen Beams (1.6- 4 MeV) -> Au, C, Al, Al2O3*	**1975-Gemm**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Gotz, V. G. Klinge, K. D. Schwabe, F. **'Measurement of the Energy Loss in Thin Silicon Single Crystals'** ***Exp. Tech. Phys., 23, 167-169 (1975)*** *Comment : S. 0.7-1.6 MeV H -> Si*	**1975-Gotz**
1975	Gotz, G. Klinge, K. D. Finger, U. **'A Combination of Dechanneling and Energy Measurements of Protons in Thin Silicon Single Crystals.'** ***Atomic Collisions in Solids, Plenum Press, 693-716 (1975)*** *Comment : S. 0.7-1.8 MeV H -> Si (Cryst.) Chann. To Random Ratio.*	**1975-Gotz2**
1975	Hehl, K. Karge, H. Prager, R. **'Range of Protons and Helium Ions in Alkali Halide Crystals'** ***Exp. Tech. Phys., 23, 455-61 (1975)*** *Comment : R, dR. 0.3-1.7 MeV H, He -> NaF, NaCl, KCl, KBr, KI*	**1975-Hehl**
1975	Langley, R. A. **'Stopping Cross Sections for Helium and Hydrogen in H2, N2, O2 and H2S (0.3 - 2.5 MeV)'** ***Phys. Rev. B, 12, 3575-83 (1975)*** *Comment : S. 0.3-2.5 MeV H, He -> H2, N2, O2, H2S*	**1975-Lang**
1975	Melvin, J. D. **'Energy Loss of Light Ions Channeling in Silicon'** ***Ph.D., Cal. Inst. Tech., Unpublished (1975)*** *Comment : S, dS. 0.5-1.6 MeV H -> Si (110), (111), (211)*	**1975-Melv**
1975	Melvin, J. D. Tombrello, T. A. **'Energy Loss of Low Energy Protons Channeling in Silicon Crystals'** ***Rad. Effects, 26, 113-26 (1975)*** *Comment : S. 0.5-1.6 MeV H -> Si (Cryst.)*	**1975-Melv2**
1975	Morin, P. Vicario, E. Davenas, J. Perez, A. Thevenard, P. **'Observation by Scanning Electron Microscopy of Radiation Damage Produced in LiF by Ionic Bombardments'** ***Rad. Effects, 26, 149-154 (1975)*** *Comment : dR. 2 MeV H, 56 MeV Cl -> LiF*	**1975-Mori**
1975	Nomura, A. Kiyono, S. **'Stopping Power of Copper, Silver and Gold for Protons and Helium Ions of Low Energy'** ***J. Phys. D: Appl. Phys., 8, 1551-59 (1975)*** *Comment : S. 4-16 keV H, He -> Cu, Ag, Au*	**1975-Nomu**
1975	Ophel, T. R. Kerr, G. W. **'A Study of the Energy Loss of 0.6 to 4.5 MeV Protons in Thin Carbon Films.'** ***Nucl. Inst. Methods, 128, 149-55 (1975)*** *Comment : S, dS. 0.36-4.5 MeV H -> C*	**1975-Ophe**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Rickards, J. **'Energy Straggling of Protons in Carbon'** ***Nucl. Inst. Methods, 127, 397 (1975)*** *Comment : dS. 460 keV H -> C*	**1975-Rick**
1975	Sidenius, G. Andersen, N. **'Multiple Scattering of keV Ions' Lateral Distributions in Argon and Nitrogen'** ***Nucl. Inst. Methods, 131, 387-389 (1975)*** *Comment : dR (lateral). (50-180 keV) H, He, N, Ne, Ar -> Ar, N, Xe*	**1975-Side**
1975	Tape, J. W. Gibson, W. M. Remillieux, J. **'The Energy Loss of H+ and H+2 Beams in Thin Carbon Foils'** ***Bull. Am. Phys. Soc., 20, 618 (1975)*** *Comment : S. 1 MeV H+, 2 MeV H+2 -> C*	**1975-Tape**
1975	Thompson, P. E. Murray, R. B. **'Ion Bombardment of Alkali Halides. I. Range and Damage Profiles of Protons in KCl.'** ***Rad. Effects, 25, 127-32 (1975)*** *Comment : R. 0.5-15 MeV H -> KCl*	**1975-Thom2**
1976	Al-Bedri, M. B. Harris, S. J. Parish, H. G. S. F. **'Energy Loss and Straggling Measurements for Low Energy Protons Transmitted through Thin Solid Films'** ***Rad. Effects, 27, 183-87 (1976)*** *Comment : dS. 0.6-1.6 MeV P-> Melinex, Al, Cu, Au, Pb*	**1976-Al 2**
1976	Allison, W. W. M. Brooks, C. B. Bunch, J. N. Flemming, R. W. Yamamoto, R. K. **'The Ionisation Loss of Relativistic Charged Particles in Thin Gas Samples and Its Use for Particle Identification. Ii. Experimental Results.'** ***Nucl. Inst. Methods, 133, 325-34 (1976)*** *Comment : S, dS. 25-150 GeV/c H, Pi -> Ar + 20% CO2*	**1976-Alli**
1976	Andersen, H. H. Hornshoj, P. Hojsholt-Poulsen, L. Knudsen, H. Nielsen, B. R. **'A Simple Energy-Calibration Procedure for Electrostatic Accelerators'** ***Nucl. Inst. Methods, 136, 119-24 (1976)*** *Comment : S. 1.5-6.5 MeV H, 2.6-8.5 MeV D -> Ag*	**1976-Ande2**
1976	Armitage, B. H. Trehan, P. N. **'Energy Loss Straggling of Protons in Thick Absorbers'** ***Nucl. Inst. Methods, 134, 359-62 (1976)*** *Comment : dS. 6-12 MeV H -> Al, V, Ni, Mo, Ag, Ta, Au*	**1976-Armi2**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Bottiger, J. Picraux, S. T. Rud, N. **'Depth Profiling of Hydrogen and Helium Isotopes in Solids by Nuclear Reaction Analysis'** ***Ion Beam Surface Layer Analysis, O. Meyer, G. Linker, F. Kappeler (Ed.), Plenum, New York, P. 811-19 (1976)*** *Comment : R. 12 keV H -> Al2O3*	**1976-Bott**
1976	Bottiger, J. Rud, J. R. Leslie and N. **'Range Profiles of 6-16-keV Hydrogen Ions Implanted in Metal Oxides'** ***J. Appl. Phys., 47, 1672-75 (1976)*** *Comment : R, dR. 6-16 keV H -> Al2O3, Nb2O5, Ta2O5*	**1976-Bott2**
1976	Bugeat, J. P. Chami, A. C. Ligeon, E. **'A Study of Hydrogen Implanted in Aluminum'** ***Phys. Letters, 58A, 127-130 (1976)*** *Comment : R. 10 keV H -> Al*	**1976-Buge**
1976	Das, S. K. Kaminsky, M. Rossing, T. **'Helium Trapping in Aluminum and Sintered Aluminum Powders'** ***Ion Beam Surface Layer Analysis, 2, Ed. O. Meyer, G. Linker, and F. Kappeler, Plenum Co. (1976)*** *Comment : R, dR. 1.5 MeV H -> Al, Al2O3, Sapphire*	**1976-Das 2**
1976	Fich, O. Golovchenko, J. A. Nielsen, K. O. Uggerhoj, E. Vraast-Thomsen, C. **'Ionization Loss of Channeled 1.36 GeV/c Protons and Pions.'** ***Phys. Rev. Letters, 36, 1245-48 (1976)*** *Comment : S. 1.35 GeV/c H, Pi -> Ge (Cryst. Chan. And Random)*	**1976-Fich**
1976	Forster, J. S. Ward, D. Andrews, H. R. Ball, G. C. Costa, G. J. **'Stopping Power Measurements for 19F, 24Mg, 27Al, 32S and 35Cl at Energies 0.2 to 3.5 MeV/Nucleon in Ti, Fe, Ni, Cu, Ag and Au.'** ***Nucl. Inst. Methods, 136, 349-59 (1976).*** *Comment : S. 2.2 MeV H, 0.2-3.5 MeV/amu F, Mg, Al, S, Cl -> Ti, Fe, Ni, Cu, Ag, Au*	**1976-Fors**
1976	Grahmann, G. Kalbitzer, S. **'Nuclear and Electronic Stopping Powers of Low Energy Ions with Z <= 10 in Silicon'** ***Nucl. Inst. Methods, 132, 119-23 (1976)*** *Comment : S. 2-60 keV H, He, B, C, N, Ne -> Si*	**1976-Grah**
1976	Hasegawa, S. Ishiwara, H. Furukawa, S. Shimizu, T. **'The Lattice Location of Phosphorus Atoms Implanted into Silicon'** ***Jap. J. Appl. Phys., 15, 391-92 (1976)*** *Comment : R. 100 keV P -> Si*	**1976-Hase**
1976	Lanford, W. A. Trautvetter, H. P. Ziegler, J. F. Keller, J. **'A New Precision Technique for Measuring the Concentration Versus Depth of Hydrogen in Solids'** ***Appl. Phys. Letters, 28, 566-68 (1976)*** *Comment : R, dR. 7.5 keV H -> Si (Cryst.)*	**1976-Lanf**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Langley, R. A. Blewer, R. S. **'Measurement of the Stopping Cross Sections for Protons and 4He Ions in Erbium and Erbium Oxide: a Test of Bragg's Rule'** ***Nucl. Inst. Methods, 132, 109-16 (1976)*** *Comment : S. 0.25-2.5 MeV H, He -> Er, Er2O3*	**1976-Lang**
1976	Lefevre, H. W. Anderson, J. D. Davis, J. C. **'Depth Profiling of Tritium Implanted in Titanium'** ***4th Conf. on Uses of Small Accelerators, Preprint: UCRL-78624 (1976)*** *Comment : R, dR. 400 keV 3H -> Ti, Cu (Various Doses).*	**1976-Lefe**
1976	Ligeon, E. Guivarc'H, A. **'Hydrogen Implantation in Silicon Between 1.5 - 60 keV.'** ***Rad. Effects, 27, 129-37 (1976)*** *Comment : S,R,dR. 1.5-60 keV H -> Si. S. 1.5-60 keV H, 2.0 MeV 11B -> Si*	**1976-Lige**
1976	Mende, G. Kuster, G. **'Die Abtragung Dunner Schichten von P- und B-Implantierten Silizium Mit Hilfe der Anodischen Oxydation'** ***Thin Solid Films, 35, 215-220 (1976)*** *Comment : R, dR. 30 keV H -> Si*	**1976-Mend**
1976	Nomura, A. Kiyono, S. **'Measurements of Energy Distribution of Low Energy Light Ions through Copper Film and Its Statistical Analysis'** ***Jap. J. Appl. Phys., 15, 1773-7 (1976)*** *Comment : S,dS. 5-10 keV H -> Cu, dS. 2-13 keV H, 6-12 keV He -> Cu*	**1976-Nomu**
1976	Olmos, D. Aldape, F. Cavillo, J. Chi, A. Romero, S. **'Energy Dependence of Proton Straggling in Carbon'** ***Meyer, G. Linker and F. Kappeler (Ed.):Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 65-74 (1976)*** *Comment : dS. 0.46-4.79 MeV H -> C*	**1976-Olmo**
1976	Picraux, S. T. Bottiger, J. Rud, N. **'Enhanced Hydrogen Trapping Due to He Ion Damage'** ***J. Nucl. Mater., 63, 110-114 (1976)*** *Comment : R. 8 And 16 keV H, D -> Mo (Predamaged By 11 Or 18 keV 4He)*	**1976-Picr**
1976	Pokhil, G. P. Rudnev, A. S. Sirotinen, E. I. Tulinov, A. F. **'Energy Losses of Protons Moving in the Planar Channel'** ***Rad. Effects, 30, 167-70 (1976)*** *Comment : S. 6.3 MeV H -> W (Cryst. Chann. To Random Ratio)*	**1976-Pokh**
1976	Prasad, K. G. Sharma, R. P. **'Energy Loss of Channeled Protons in Al Single Crystals'** ***Nucl. Inst. Methods, 132, 103-07 (1976)*** *Comment : S. 1.5 MeV H -> Al (Cryst.)*	**1976-Pras**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	RamanaMurthy, P. V. Demeester, G. D. **'The Use of Gas Proportional Counters to Distinguish Protons from Pions in the Cosmic Radiation of Energies Near Or Greater Than 100 GeV'** ***Nucl. Inst. Methods, 56, 93-105 (1976)*** *Comment : dS. 1.5 GeV/c Mu, 80 MeV P, 1.5, 40 GeV/c Pi- -> Ar+7% CH4*	**1976-Rama**
1976	Rudnev, A. S. Rolyakov, V. I. Sirotinen, E. I. Tulinov, A. F. **'A Study of Relative Energy Losses of Channeled Protons in a Tungsten Single Crystal'** ***Phys. Stat. Sol. A, 35, K23-27 (1976)*** *Comment : S, dS. 6.3 MeV H -> W (Cryst.)*	**1976-Rudn**
1976	Tape, J. W. Gibson, W. M. Remillieux, J. Laubert, R. Wegner, H. E. **'Energy Loss of Atomic and Molecular Ion Beams in Thin Foils'** ***Nucl. Inst. Methods, 132, 75-77 (1976)*** *Comment : S. 0.3-1.0 MeV/Atom H+, H2+; 1.6-2.9 MeV/Atom O-, O2- -> C*	**1976-Tape**
1976	Thieme, G. **'Bestimmung Des Elektronischen Energieverlustes von H+-, He+ - und N+ -Ionen in Gold Durch Vergleich von Messergebnissen Mit Monte-Carlo-Rechnungen'** ***Vakuum-Technik, 25, 5-12 (1976)*** *Comment : S. 40-110 keV H, He, N -> Au*	**1976-Thie**
1976	Thorngate, J. H. **'Measurements of Energy Losses, Distribution of Energy Loss and Additivity of Energy Losses for 50 to 150 keV Protons in Hydrogen and Nine Hydrocarbon Gases'** ***ORNL-TM-5165 (1976)*** *Comment : S, dS. 50-150 keV H -> H2, CH4 and many other Hydrocarbons*	**1976-Thor**
1976	Thorngate, J. H. **'Measurements of Distributions of Energy Loss for 51, 102, and 153 keV Protons in Nine Hydrocarbon Gases'** ***Nucl. Inst. Methods, 137, 569-75 (1976)*** *Comment : dS. 50-150 keV H -> CH4 and many other Hydrocarbons*	**1976-Thor2**
1976	Wilken, B. Fritz, T. A. **'Energy Distribution Functions of Low Energy Ions in Silicon Absorbers Measured for Large Relative Energy Losses'** ***Nucl. Inst. Methods, 138, 331-343 (1976)*** *Comment : dS. 300 keV-1.5 MeV H, 3He -> Si*	**1976-Wilk**
1976	Windawi, H. M. Varma, S. P. Cooper, C. B. Williams, F. **'Analysis of Lead Azide Thin Films by Rutherford Backscattering'** ***J. Appl. Phys., 47, 3418-20 (1976)*** *Comment : S. 1 MeV H -> PbN6*	**1976-Wind**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1977	Andersen, H. H. Bak, J. F. Knudsen, H. Moller-Petersen, P. Nielsen, B. R. **'Experimental Investigation of Higher-Order Z1 Corrections to the Bethe Stopping-Power Formula'** ***Nucl. Inst. Methods, 140, 537-540 (1977)*** *Comment : S. H (2-5.2 MeV) -> Al, Cu, Ag, Au*	**1977-Ande3**
1977	Andrews, D. A. Newton, G. **'The Stopping Power of Heavy Ice for Low-Energy (10-30 keV) Deuterons'** ***J. Phys. D, 10, 845-850 (1977)*** *Comment : S. 10-30 keV D -> H2O*	**1977-Andr**
1977	Bednyakov, A. A. Bulgakov, U. V. Nikolaev, V. S. Sobakin, V. P. Chernov, V. L. **'The Energy Straggling of Hydrogen and Helium Ions in Aluminum and Polystyrene'** ***Phys. Letters, 62A, 183-184 (1977)*** *Comment : dS. 0.1-4.0 MeV H, He -> Al, Polystyrene*	**1977-Bedn**
1977	Besant, C. B. Qaqish, A. Y. Varga, B. B. **'Detection Efficiency and Range Measurements of Alphas and Protons in Cellulose Nitrate'** ***Rad. Effects, 34, 67-73 (1977)*** *Comment : R. 1.0-6.0 MeV H, He -> Cellulose Nitrate*	**1977-Besa**
1977	Besenbacher, F. **'Stopping Power and Straggling for H and He Ions in Gas Targets'** ***Specialeopgave. Aarhus University (1977)*** *Comment : S. dS. 20-500 keV H, He -> H, He N, O, Ne, Ar, Kr, Xe, CO2*	**1977-Bese**
1977	Besenbacher, F. Heinmeier, J. Hvelplund, P. Knudsen, H. **'Energy-Loss Straggling for Protons and Helium Ions'** ***Phys. Letters, 61A, 75-77 (1977)*** *Comment : dS. 50-500 keV/Nucleon H, He -> Kr, N, He*	**1977-Bese2**
1977	Bottiger, J. Picraux, S. T. Rud, N. Laursen, T. **'Trapping of Hydrogen Isotopes in Molybdenum and Niobium Predamaged by Ion Implantation'** ***J. Appl. Phys., 48, 920-926 (1977)*** *Comment : R, dR. 8 keV H, D -> Mo, Nb (Metals Predamaged With He, O, Ne, Bi)*	**1977-Bott**
1977	Cembali, F. Zignani, F. **'Determination of Random and Aligned Stopping Powers for 80-300 keV Protons in Silicon by Backscattering Measurements'** ***Rad. Effects, 31, 169-173 (1977)*** *Comment : S. 80-300 keV H -> Si Single Crystal ([110], [100], [111], and Random)*	**1977-Cemb**
1977	Chu, W. K. Kastl, R. H. Lever, R. F. Mader, S. Masters, B. J. **'Distribution of Irradiation Damage in Silicon Bombarded with Hydrogen'** ***Phys. Rev. B, 16, 3851-3859 (1977)*** *Comment : R. 50-250 keV H -> Si [001]. Ranges From Profiling Of Lattice Damage.*	**1977-Chu**

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1977	Datz, S. DelCampo, J. G. Dittner, P. F. Miller, P. D. Biggerstaff, J. A. **'Higher-Order Z1 Effects and Effects of Screening by Bound K-Electrons on the Electronic Stopping of Channeled Ions'** ***Phys. Rev. Letters, 38, 1145-1148 (1977)*** *Comment : S. 2 MeV/amu H, He, Li, Be, B, C, N, O, F, 3.5 MeV/amu H, He, Li, Be, B -> Au [111]*	**1977-Datz**
1977	Datz, S. Gomez del Campo, J. Dittner, P. F. Miller, P. D. Biggerstaff, J. A. **'Higher Order Z1 Effects and Effects of Screening by Bound k-electrons on the Electronic Stopping of Channeled Ions'** ***Phys. Rev. Letters, 38, 1145-1148 (1977)*** *Comment : S. H, He, Li, Be, B (3.5 MeV/amu) -> Au Channeled stopping powers.*	**1977-Datz2**
1977	Grigor'eva, G. M. Kolodin, L. G. kreinin, L. B. Mukashev, B. N. Nusupov, K. Kh. **'Radiation Defects in p-type Silicon Irradiated with 30 MeV Protons'** ***Sov. Phys. Semicond., 11 (11), 1278-1280 (1977)*** *Comment : R,dR. H (30 MeV) -> Si*	**1977-Grig**
1977	Ishiwari, R. Shiomi, N. Shirai, S. **'Stopping Powers for Protons in 16 Metallic Elements'** ***Bull. Inst. Chem. Res. Kyoto Univ., 55, 60-61 (1977)*** *Comment : S. (3-9 MeV) H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1977-Ishi**
1977	Matsumura, H. Nagatomo, M. Furukawa, S. **'Range of Protons in GaAs'** ***Rad. Effects, 33, 121-123 (1977)*** *Comment : R. 300-500 keV H -> GaAs*	**1977-Mats**
1977	Matsumura, H. Stephens, K. G. **'Electrical Measurement of the Lateral Spread of the Proton Isolation Layer in GaAs'** ***J. Appl. Phys., 48, 2779-83 (1977).*** *Comment : R, dR, R(Lateral). 300-500 keV H -> GaAs (Conc. Determined By Carrier Removal).*	**1977-Mats2**
1977	Mertens, P. **'Energy Loss of Light 100 - 300 keV Ions in Thin Metal Foils'** ***Nucl. Inst. Methods, 149, 149-153 (1978)*** *Comment : S, dS.H, He, Li, Be, B, C, N, O, F, Ne (300 keV) -> C, Ni, Co, Nb. 300 keV He, Ne, F, O, N -> C, Al, Ti, Mn, Fe, Co, Ni, Cu, Nb, Ag, Au*	**1977-Mert**
1977	Pape, A. Hage-Ali, M. Refaei, S. M. Siffert, P. Cooperman, E. L. **'Stopping Power and Straggling of H and 4He in ZnTe and CdTe'** ***Rad. Effects, 33, 193-197 (1977)*** *Comment : S, dS. 500-2800 keV H, He -> ZnTe, CdTe*	**1977-Pape**
1977	Park, J. T. Aldag, J. E. George, J. M. Peacher, J. L. Mcguire, J. H. **'Differential Energy-Loss Cross Sections for Ionization of Atomic Hydrogen by 25-200-keV Protons'** ***Phys. Rev. A, 1A, 508-516 (1977)*** *Comment : S. 20-200 keV H -> H*	**1977-Park**

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1977	Thompson, D. A. Robinson, J. E. Walker, R. S. **'Inelastic Stopping of Medium Energy Light Ions in Silicon'** ***Rad. Effects, 32, 169-175 (1977)*** *Comment : dS,R,dR. 10-80 keV H, He, Li, B, C, N, O, Ne -> Si*	**1977-Thom**
1977	Thorngate, J. H. **'Measurements of the Additivity of Stopping Cross Sections for 50-150 keV Protons in Nine Hydrocarbon Gases'** ***Health Phys., 32, 541-546 (1977)*** *Comment : S. H (50-150 keV) -> 9 hydrocarbon gases*	**1977-Thor**
1977	Thornton, T. A. Anno, J. N. **'Secondary Electron Emission from 0.5-2.5 MeV Protons and Deuterons'** ***J. Appl. Phys., 48, 1718 (1977)*** *Comment : H, D (0.5-2.5 MeV) -> Al, V, Fe, Nb, Mo, steel Secondary electron yields.*	**1977-Thor2**
1978	Altstetter, C. J. Behrisch, R. Bottiger, J. Pohl, F. Scherzer, B. M. U. **'Depth Profiling of Deuterium Implanted into Stainless Steel at Room Temperature'** ***Nucl. Inst. Methods, 149, 59-63 (1978)*** *Comment : R, dR. 7 keV D -> Steel*	**1978-Alts**
1978	Altstetter, C. J. Behrisch, R. Scherzer, B. M. U. **'Trapping of Deuterium Implanted into Stainless Steel at Low Temperature'** ***J. Vac. Sci. Technol., 15, 706-709 (1978)*** *Comment : R, dR. 7 keV D -> Stainless Steel*	**1978-Alts2**
1978	Andersen, H. H. Knudsen, H. Martini, V. **'An Improved Method for Measuring Relative Stopping Powers of Light Ions in Solids'** ***Nucl. Inst. Methods, 149, 137-142 (1978)*** *Comment : S. 200-2000 keV H, He -> Cu, Ag*	**1978-Ande2**
1978	Averback, R. S. Benedek, R. Merkle, K. L. **'Correlations Between Ion and Neutron Irradiations: Defect Production and Stage I Recovery'** ***J. Nucl. Mater., 75, 162-166 (1978)*** *Comment : S. 200-500 keV H, Ar, Bi -> Cu*	**1978-Aver**
1978	Biersack, J. P. Fink, D. Henkelmann, R. A. Muller, K. **'Range Profiles and Thermal Release of Helium Implanted into Various Metals'** ***Nucl. Inst. Methods, 149, 93 (1978)*** *Comment : S,R,dR. 0.2-340 keV H, 3He -> Ni, Cu, Ag, Au, Pt, Be, Zr, Fe, Nb, Mo*	**1978-Bier**
1978	Blewer, R. S. Behrisch, R. Scherzer, B. M. U. Schulz, R. **'Trapping and Replacement of 1-14 keV Hydrogen and Deuterium in 316 Stainless Steel'** ***J. Nucl. Mater., 76 and 77, 305-312 (1978)*** *Comment : R, dR. 4 keV D, H -> Stainless Steel*	**1978-Blew**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Borgesen, P. Bottiger, J. Moller, W. **'Ranges of 10-30 keV Deuterons Implanted into Solids'** ***J. Appl. Phys., 49, 4401-4405 (1978)*** *Comment : R, dR. 10-30 keV D -> C, Al, Ni, Zr*	**1978-Borg**
1978	Brice, D. K. Langley, R.A **'Analysis of Straggling Measurements by the Backscattering Technique'** ***Nucl. Inst. Methods, 149, 191-194 (1978)*** *Comment : dS. 1.8 - 2.1 MeV H -> C*	**1978-Bric**
1978	Carnera, A. Della Mea, G. Drigo, A. V. Lo Russo, S. Mazzoldi, P. **'Channeled and Random Proton Stopping Power in Si in the 300-1000 keV Energy Range'** ***Phys. Rev. B, 17, 3492 (1978)*** *Comment : S. H (40-900 keV) -> Si. Channeled and Random stopping powers.*	**1978-Carn**
1978	Cembali, F. Dori, L. Galloni, R. Servidori, M. Zignani, F. **'Radiation Damage in Silicon Produced by Phosphorus Implantation: Random and Aligned Implants'** ***Rad. Effects, 36, 111-117 (1978)*** *Comment : R. 200 keV P -> Si*	**1978-Cemb**
1978	Chami, A. C. Bugeat, J. P. Ligeon, E. **'Solid Solutions of the Hydrogen-Magnesium System Produced by Implantation'** ***Rad. Effects, 37, 73-81 (1978)*** *Comment : R, dR. 10 keV H -> Mg*	**1978-Cham**
1978	Chu, W. K. Kastl, R. H. Lever, R. F. Mader, S. Masters, B. J. **'Damage Profiling for Hydrogen Implanted in Silicon'** ***Phys. Rev. B, (1978)*** *Comment : R, dR. 50 - 250 keV H -> Si. (Damage Dist. Of H Implantation)*	**1978-Chu 2**
1978	Eckardt, J. C. Lantschner, G. Arista, N. R. Baragiola, R. A. **'Electronic Stopping of Slow Molecular Ions in Solids'** ***J. Phys. C: Sol. State Phys., 11, L851-855 (1978)*** *Comment : S. 12.5-130 keV/amu H, 2H -> C, Al*	**1978-Ecka**
1978	Eckardt, J. C. **'Energy Loss and Straggling of Protons and Helium Ions Traversing Some Thin Solid Foils'** ***Phys. Rev. A, 18, 426-433 (1978)*** *Comment : S, dS. 20-260 keV H, He -> Ge, Se, Pd, Ag, Sb, Bi*	**1978-Ecka2**
1978	Gertner, I. Meron, M. Rosner, B. **'Electronic Energy Loss of Ions in Solids in the Energy Range 10-10000 keV/amu'** ***Phys. Rev. A, 18, 2022-2029 (1978)*** *Comment : S. 80-8000 keV H, D -> C, Cr, Ni, Cu*	**1978-Gert**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Guermazi, M. Thevenard, P. Faisant, P. Blanchin, M. G. Dupuy, C. H. S. **'Evidence of Chemical Effects Due to Implantation of 28 MeV Deuterons in Rutile'** ***Rad. Effects, 37, 99-104 (1978)*** *Comment : R. 28 MeV D -> TiO2*	**1978-Guer**
1978	Jarvis, O. N. Sherwood, A. C. Whitehead, C. Lucas, M. W. **'Channeling of Fast Protons, Deuterons and Alpha Particles'** ***Preprint (1978)*** *Comment : S, R, dR. 160 keV He, 81.5 keV D, 158.5 keV H -> Si*	**1978-Jarv**
1978	Kalz, D. Kreysch, G. Muller-Jahreis, U. **'Energy Loss Straggling of Low-Energy Protons in Carbon'** ***Rad. Effects, 36, 119-121 (1978)*** *Comment : S, dS. 20-100 keV H -> C*	**1978-Kalz**
1978	Langley, R. A. Blewer, R. S. Roth, J. **'Behaviour of Implanted D and He in Pyrolytic Graphite'** ***J. Nucl. Mater., 76 and 77, 313-321 (1978)*** *Comment : R, dR. 8 keV 2H, He -> Graphite*	**1978-Lang**
1978	Langley, R. A. Brice, D. K. **'Energy Straggling of Protons in Carbon'** ***Nucl. Inst. Methods, 149 (1978)*** *Comment : dS. 1.8-2.2 MeV H -> C*	**1978-Lang2**
1978	Langley, R. A. Brice, D. K. **'Energy Straggling of Protons in Be, C, Al, Si'** ***Phys. Rev. B, 18, 4673 (1978)*** *Comment : dS. (.5-2.5 MeV) H -> Be, C, Al, Si*	**1978-Lang3**
1978	Lurio, A. Ziegler, J. F. Cuomo, J. J. **'A New Method for the Determination of Low Energy Stopping Powers of Hydrogen and Helium'** ***Nucl. Inst. Methods, 149, 155 (1978) -a*** *Comment : S. D (45-130 keV) -> Ni*	**1978-Luri**
1978	Marshall, R. E. ElFiqi, A. R. Kliwer, J. K. **'Measurement of Stopping Powers using Ion-Induced X-Ray Emission'** ***Nucl. Inst. Methods, 150, 241-245 (1978)*** *Comment : S. 100 keV H -> Sc, Ni, Cu, Ge*	**1978-Mars**
1978	Mittenbacher, J. Gartner, K. **'Proton Ranges in Silicon and in Si-SiO2 Double Layers'** ***Intl. Conf. Ion Beam Modification of Materials, Budapest -c (1978)*** *Comment : R. 40-700 keV H -> Si, SiO2*	**1978-Mitt**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Moller, W. **'Background Reduction in D(3He,alpha)H Depth Profiling Experiments using a Simple Electrostatic Deflector'** ***Nucl. Inst. Methods, 157, 223-227 (1978)*** *Comment : R, dR. 20 keV D -> Al203, Ta2O5*	**1978-Moll**
1978	Moller, W. Nocken, U. **'The Energy Straggling of Protons in Thin Metal Foils at 0.35, 1.0, and 1.75 MeV.'** ***Nucl. Inst. Methods, 149, 177-181 (1978)*** *Comment : dS. 0.35, 1.0, 1.75 MeV H -> Ag, Au*	**1978-Moll2**
1978	Nashiyama, I. **'Depth Profile Analysis of Proton Damage by Channeling'** ***Phys. Rev. B, 17, 104-110 (1978)*** *Comment : R. 0.8-1.2 MeV H3 -> Si. Ranges Of Lattice Damage.*	**1978-Nash**
1978	Nyaiesh, A. R. Steckelmacher, W. Lucas, M. W. **'Energy Loss of Fast H2 Molecules in Solids: II'** ***J. Phys. C: Sol. State Phys., 11, 2917 (1978)*** *Comment : S. H (100-300 keV) -> C*	**1978-Nyai**
1978	Porter, L. E. Naylor, H. Duder, J. C. **'Stopping Power of Polystyrene for 2.2 to 5.9 MeV Protons.'** ***Nucl. Inst. Methods, 155, 25-28 (1978)*** *Comment : S. 2.2-5.9 MeV H -> Polystyrene*	**1978-Port**
1978	Sakamoto, N. Shiomi, N. Ishiwari, R. Miyajima, J. **'Energy Straggling of 6.74 MeV Protons in Cu'** ***Bull. Inst. Chem. Res. Kyoto Univ., 56, 20-26 (1978)*** *Comment : S, dS. 6.74 MeV H -> Cu*	**1978-Saka**
1978	Semrad, D. Bauer, P. **'Stopping Cross Sections for Protons of 350-650 keV in Au, by a New Method'** ***Nucl. Inst. Methods, 149, 159-161 (1978)*** *Comment : S. 350-650 keV H -> Au*	**1978-Semr**
1978	Ullrich, B. M. Mayer, J. W. **'Straggling of MeV Ions in Osmium'** ***Boehm. Phys. Gess. J., 1, 478-489 (1978)*** *Comment : S, dS. 2-50 MeV H, He, Li, Be, B, C, N, O -> Os*	**1978-Ullr**
1978	Wilson, K. L. Baskes, M. I. **'Thermal Desorption of Deuterium-Implanted Stainless Steel'** ***J. Nucl. Mater., 74, 179-184 (1978)*** *Comment : R, dR. 1 keV 2H -> Stainless Steel*	**1978-Wils**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Ziegler, J. F. Wu, C. P. Williams, P. White, C. W. Terreault, B. **'Profiling Hydrogen in Materials using Ion Beams'** ***Nucl. Inst. Methods, 149, 19-39 (1978)*** *Comment : R. 40 keV H, 31 keV D -> Si. Multiple-Technique. A Definitive Effort.*	**1978-Zieg**
1979	Besenbacher, F. Andersen, H. H. Hvelplund, P. Knudsen, H. **'Stopping Power of Swift Hydrogen and Helium Ions in Gases'** ***Kgl. Danske Videnskab. Selskab Mat. Fys. Medd. 40, 1-39 (1979)*** *Comment : S. 40 keV-1 MeV H And 100 keV-2.4 MeV He -> H2, He, N2, O2, CO2, Ne, Ar, Kr, Xe*	**1979-Bese**
1979	Chumanov, V. Ya. Izmailov, Sh. Z. Pokhil, G. P. Sirotinin, E. I. Tulinov, A. F. **'On the Determination of Energy Losses by Charged Particles from the Backscattered Energy Spectra'** ***Phys. Stat. Sol. A, 53, 51-62 (1979)*** *Comment : S. 0.1-1.4 MeV H -> W, 0.1-0.25 MeV H -> Ge*	**1979-Chum**
1979	Dennis, J. A. Powers, D. **'The Dependence of Stopping Power on Physical and Chemical States'** ***Preprint (1979) 8*** *Comment : S. H, He -> Gases (Review Of Current Data)*	**1979-Denn**
1979	Doyle, B. L. Peercy, P. S. **'Technique for Profiling 1H with 2.5 MeV van de Graaff Accelerators.'** ***Appl. Phys. Letters, 34, 811-813 (1979)*** *Comment : R. 1-3 MeV H -> Si3N4, Si*	**1979-Doyl**
1979	Foroughi, F. Vuilleumier, B. Bovet, E. **'Stopping Power and Multiple Scattering of Havar and Kapton for Low Energy Protons'** ***Nucl. Inst. Methods, 159, 513-516 (1979)*** *Comment : S. H (1.2-4.4 MeV) -> Havar, Kapton*	**1979-Foro**
1979	Gloeckler, G. Hsieh, K. C. **'Time-of-Flight Technique for Particle Identification at Energies 2-400 keV/amu'** ***Nucl. Inst. Methods, 165, 537-544 (1979)*** *Comment : S. H, He, C, N, Ne, Ar (3-100 keV/amu) -> C*	**1979-Gloe**
1979	Ishii, K. Blondiaux, G. Valladon, M. Debrun, D. L. **'The Study of Stopping Powers by the Method of the Average Stopping Power'** ***Nucl. Inst. Methods, 158, 199-203 (1979)*** *Comment : S. T (3MeV) -> BeO, Al2O3, SiO2, TiO2, ZnO, Nb2O5, Ta2O5*	**1979-Ishi**
1979	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 67.5 MeV Protons.'** ***Phys. Letters, 75A, 112-114 (1979)*** *Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1979-Ishi2**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Jarvis, O. N. Sherwood, A. C. Whitehead, C. Lucas, M. W. **'Channeling of Fast Protons, Deuterons, and Alpha Particles'** ***Phys. Rev. B, 19, 5559-5577 (1979)*** *Comment : S, R, dR. 160 keV He, 81.5 keV D, 158.5 keV H -> Si*	**1979-Jarv**
1979	Kliwer, J. ElFiqi, A. R. **'Application of Ion Induced X-Ray Emission for the Measurement of Stopping Powers'** ***IEEE Trans. Nucl. Sci., NS-26, 1323-1325 (1979)*** *Comment : S. H (100 keV) -> Hf, Sm, Ti, Cr*	**1979-Kliw**
1979	Laubert, R. **'Collisional Atomic Physics with Molecular Projectiles'** ***IEEE Trans. Nucl. Sci., NS-26, 1020 (1979)*** *Comment : S. H2, HeH (50-300 keV) -> C. Angular stopping powers for incident molecular beams.*	**1979-Laub**
1979	Lewis, M. B. Packan, N. H. Wells, G. F. Buhl, R. A. **'Improved Techniques for Heavy-Ion Simulation of Neutron Radiation Damage'** ***Nucl. Inst. Methods, 167, 233-247, (1979)*** *Comment : R, dR. 200-400 keV D, He -> Ni*	**1979-Lewi**
1979	Luomajarvi, M. **'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.'** ***Rad. Effects, 40, 173-179 (1979)*** *Comment : S. 0.3-1.5 MeV H -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au*	**1979-Luom**
1979	Magee, C. W. **'Depth Profilling of N-Type Dopants in Si and GaAs using Cs+ Bombardment Negative Secondary Ion Mass Spectrometry in Ultrahigh Vacuum'** ***J. Electrochem. Soc., 126, 660-663 (1979)*** *Comment : R, dR. 15 keV H, 80 keV P, 200 keV As -> Si; 200 keV Si, 250 keV S -> GaAs*	**1979-Mage**
1979	Mertler, G. Fehse, B. Kopitzki, K. **'A New Method of Target Preperation for Measuring Stopping Powers of Metals for Channeled Ions in the Low Energy Region'** ***Rad. Effects, 45, 53-56 (1979)*** *Comment : S, dS. 200-400 keV H -> Ni (Channeled)*	**1979-Mert4**
1979	Myers, S. M. Picraux, S. T. Stoltz, R. E. **'Defect Trapping in Ion-Implanted Deuterium in Fe'** ***J. Appl. Phys., 50, 5710-19 (1979)*** *Comment : R, dR. 60 keV D -> Fe*	**1979-Myer**
1979	Overbury, S. H. Dittner, S. H. Datz, S. Thoe, R. S. **'Energy Loss, Angular Distributions and Charge Fractions of Low Energy Hydrogen Transmitted Through Thin Carbon Foils'** ***Rad. Effects, 41, 219 (1979)*** *Comment : S. H(0-3 keV) -> C*	**1979-Over**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Stein, H. J. Peercy, P. S. **'Controlled Hydrogenation of Amorphous Silicon at Low Temperatures'** ***Appl. Phys. Letters, 34, 604-606 (1979)*** *Comment : R, dR. 20 keV H -> Si*	**1979-Stei**
1979	Varelas, C. **'Stopping Powers of Helium and Deuterium in Gold and Carbon'** ***Preprint (1979) 13*** *Comment : S. 30-220 keV 2H, He -> Au, C*	**1979-Vare**
1980	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. **'Energy Losses and their Straggling for H and He Ions with Energies of Several Hundreds of keV on Passage through Metal and Polystyrenen Films'** ***Sov. Phys., JETP 51, 954 (1980)*** *Comment : S, dS. H, He (120-1300 keV) -> Al, Cu, Ag, Au, polystyrene*	**1980-Bedn**
1980	Besenbacher, F. Andersen, J. U. Bonderup, E. **'Straggling in Energy Loss of Energetic Hydrogen and Helium Ions'** ***Nucl. Inst. Methods, 168, 1 (1980)*** *Comment : R, dR. 0-600 keV H, He -> Ar, Ne, Kr, Xe, Ni, Au, Ag, Al*	**1980-Bese**
1980	Blondiaux, G. Valladon, M. Ishii, K. Debrun, J. L. **'Search for the Influence of Chemical Effect on the Stopping Power: the Case of Oxides'** ***Nucl. Inst. Methods, 168, 29-31 (1980)*** *Comment : S, dS. .5-2.5 MeV H -> BeO, Al2O3, TiO2, Zno, Nb2O5, Ta2O5*	**1980-Blon**
1980	Blume, R. Eckstein, W. Verbeek, H. **'Electronic Energy Loss of H, D, and He in Au Below 20 keV'** ***Nucl. Inst. Methods, 168, 57-62 (1980)*** *Comment : S. 2-20 keV H, D, He -> Au*	**1980-Blum**
1980	Bruner, K. Hink, W. Roth, M. **'Stopping Power for H in Be (20-120 keV)'** ***Nucl. Inst. Methods, 173, 357 (1980)*** *Comment : S, dS. 20-120 keV H -> Be*	**1980-Brun**
1980	Brunner, K. Hink, W. Roth, M. **'Stopping Power for H in Be(20-120 keV)'** ***Nucl. Inst. Methods, 173, 357-362 (1980)*** *Comment : S. H, He (20-120 keV) -> Be*	**1980-Brun2**
1980	Demond, F. J. Kalbitzer, S. Mannsperger, H. Muller, G. **'Range Parameters of Protons in Silicon Implanted at Energies from 0.5 to 300 keV.'** ***Nucl. Inst. Methods, 168, 69-74 (1980)*** *Comment : R, dR. .5-300 keV H -> Si*	**1980-Demo**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Fearick, R. W. Sellschop, J. P. F. **'Energy Loss of Light Ions in Diamonds'** ***Nucl. Inst. Methods, 168, 51-55 (1980)*** *Comment : S, dS. 2-24 MeV H, He, Li -> C*	**1980-Fear**
1980	Fukuda, A. **'Stopping Powers of a Tissue Equivalent Gas for 40-200 keV Protons'** ***Phys. Med. Biol., 25, 877-886 (1980)*** *Comment : S. H (40-2000 keV) -> Tissue equivalent gas.*	**1980-Fuku**
1980	Haque, A. K. M. M. Nikjoo, H. Mohammadi, A. **'The Stopping Power and Straggling of Energy Loss for Alpha Particles in Liquids and Their Vapours and for Protons in Thin Polymer Films'** ***Proc. 7th Sym. Microdosimetry, EurAtom Rpt. 7147, 179-190 (1980)*** *Comment : S,R. H (340 keV) -> Polyethylene, CH2. Liquid and gas stopping. Difficult paper to understand.*	**1980-Haqu**
1980	Izmailov, Sh. Z. Sirotinin, E. I. Tulinov, A. F. **'Energy Loss of Protons in Si, Ge, and Mo'** ***Nucl. Inst. Methods, 168, 81-84 (1980)*** *Comment : S, dS. .1-1 MeV H -> Si, Ge, Mo*	**1980-Izma**
1980	Josquin, W. J. M. J. **'The Oxidation Characteristics of Nitrogen-Implanted Silicon'** ***Rad. Effects, 47, 221-224, (1980)*** *Comment : R, dR. 250-800 keV H, H2, He, B, P -> Si*	**1980-Josq**
1980	Knudsen, H. Andersen, H. H. Martini, V. **'Hydrogen and Helium Stopping Powers of Rare-Earth Metals'** ***Nucl. Inst. Methods, 168, 41-50 (1980)*** *Comment : S. H, He (0.2-2.0 MeV) -> La, Ce, Pr, Gd, Dy, Ho, Er, Yb, Sn, Bi*	**1980-Knud**
1980	Lewis, M. B. **'Deuterium Migration and Trapping in Uranium and Uranium Dioxide During D+ Implantation'** ***J. Nucl. Mater., 88, 23-30 (1980)*** *Comment : R, dR 60 keV D2 -> U*	**1980-Lewi**
1980	MaGee, C. W. Cohen, S. A. Voss, D. E. Brice, D. K. **'Depth Distributions of Low Energy Deuterium Implanted into Silicon as Determined by SIMS'** ***Nucl. Inst. Methods, 168, 383-387 (1980)*** *Comment : R, dR. D (0.1-5 keV) -> Si*	**1980-MaGe**
1980	Mertens, P. Krist, Th. **'Stopping Ratios of 50-300 keV Light Ions in Metals'** ***Nucl. Inst. Methods, 168, 33-39 (1980)*** *Comment : S, dS. 30-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au*	**1980-Mert**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Nguyen, V. D. Chemtob, M. Chary, J. Posny, F. Parmentier, N. **'Recent Experimental Results on W-Values (Average Energy Loss per Ion Pair) for Heavy Particles'** ***Phys. Med. Biol., 25 (3), 509-518 (1980)*** *Comment : S. H, He, C, N, O, Ar (25-375 keV) -> CH4, CO2, N2 (ionization chamber)*	**1980-Nguy**
1980	Peercy, P. S. Stein, H. J. Ginley, D. S. **'Effect of Disorder on the Hydrogen Content in Si'** ***Appl. Phys. Letters, 36, 678-680 (1980)*** *Comment : R, dR. 150-300 keV H -> Si*	**1980-Peer**
1980	Reid, I. Scanlon, P. J. **'High Stopping Power of Thin Gold Films'** ***Nucl. Inst. Methods, 170, 211 (1980)*** *Comment : S. 140-1000 keV/amu H, 32-500 keV/amu He -> Au*	**1980-Reid**
1980	Sofield, C. J. Cowern, N. E. B. Freeman, J. M. **'Charge-Exchange Effects in Energy-Loss Straggling'** ***Nucl. Inst. Methods, 170, 221-225 (1980)*** *Comment : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al*	**1980-Sofi**
1980	Thompson, D. A. Poehlman, W. F. S. **'Stopping Powers and Backscattering Charge Fractions for 20-150 keV H+ and He+ on Gold'** ***Nucl. Inst. Methods, 168, 63-69 (1980)*** *Comment : S, dA. 20-150 keV H, He -> Au*	**1980-Thom**
1981	Andersen, H. H. Nielsen, B. R. **'The Stopping Power of Gold in the Bethe Region'** ***Nucl. Inst. Methods, 191, 475 (1981)*** *Comment : S. H, D (0.8-3.8 MeV) -> aU*	**1981-Ande**
1981	Astner, G. Mannervik, S. Veje, E. **'Stopping of D Relative to H in Carbon, 50-150 keV/amu'** ***Nucl. Inst. Methods, 188, 475-476 (1981)*** *Comment : S. H, D (50-150 keV/amu) -> C (Relative stopping)*	**1981-Astn**
1981	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. **'Energy Straggling of Hydrogen and Helium Ions in Al, C, and Polystyrene at Energies of Tens and Hundreds keV/amu'** ***Phys. Stat. Sol. A, 68, 187 (1981)*** *Comment : S, dS. H, He (70-1200 keV) -> Al, C, Polystyrene*	**1981-Bedn**
1981	Cecil, F. E. Fahlsing, R. F. Nelson, R. A. **'The Reaction Li6(d,n-gamma)Be7 and the Energy Loss of Low Energy Deuterons in Matter'** ***IEEE Trans. Nucl. Sci., NS-28, 1286 (1981)*** *Comment : S. D (80-160 keV) -> Cl, F Relative stopping powers.*	**1981-Ceci**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1981	Kuhrt, E. Lenkeit, K. Taubner, F. **'Measurements of the Stopping Power of 40-300 keV Protons in Silicon'** ***Phys. Stat. Sol. A, 66, 131 (1981)*** *Comment : S. H (40-300 keV) -> Si*	**1981-Kuhr**
1981	Pearce, J. D. Hart, R. R. **'Stopping Power Measurements in the 20-150 keV Region using Thick Target Backscattering: H and He on C, Si and Au'** ***J. Appl. Phys., 52, 5056 (1981)*** *Comment : S. H, He (20-150 keV) -> C, Si, Au*	**1981-Pear**
1981	Santry, D. C. Werner, R. D. **'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Deuterons'** ***Nucl. Inst. Methods, 188, 211 (1981)*** *Comment : S. D (0.2-2.0 MeV) -> C, Al, Si, Ti, Ni, Ag, Au*	**1981-Sant**
1981	Thompson, D. A. Poehlman, W. B. S. Presunka, P. Davies, J. A. **'Stopping Powers for 20-140 keV H and He on Ni, Ag and Au'** ***Nucl. Inst. Methods, 191, 469 (1981)*** *Comment : S. H, He (20-140 keV) -> Ni, Ag, Au*	**1981-Thom**
1982	Blume, R. Eckstein, W. Verbeek, H. Reichelt, K. **'Electronic Energy Loss of H. D. and He in Single Crystal Gold Films in the Energy Range below 15 keV'** ***Nucl. Inst. Methods, 194, 67 (1982)*** *Comment : S. H, D, He (0.6-15 keV) -> Ag (crystal)*	**1982-Blum**
1982	Borgesen, P. Chen, H. M. Sorensen, H. **'Stopping of 1-2 keV/amu Hydrogen Ions in Solid Nitrogen'** ***Nucl. Inst. Methods, 194, 71-74 (1982)*** *Comment : S. H, D, T, (1-2 keV/amu) -> N*	**1982-Borg**
1982	Borgesen, P. Sorensen, H. **'Stopping of keV Light Ions in Solid Hydrogen'** ***Nucl. Inst. Methods, 200, 571-581 (1982)*** *Comment : S. H, D (2-10 keV) -> H2, D2 (solids)*	**1982-Borg2**
1982	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Stopping Powers of Metallic Elements for 6.75 MeV Protons'** ***Nucl. Inst. Methods, 194, 61-65 (1982)*** *Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1982-Ishi**
1982	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Geometric Effect on the Measurement of Stopping Power: Angular Dependent Energy Loss of 7 MeV Protons in Metallic and Organic Thin Foils'** ***Phys. Rev. A, 25, 2524 (1982)*** *Comment : S. H (7 MeV) -> Be, Al, Ag, Mylar, Cellophane (Angular effects)*	**1982-Ishi2**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1982	Kreussler, S. Varelas, C. Sizmann, R. **'Electronic Stopping Power and Effective Charge of 50- to 230 keV D and He in C, Al, Au and Cs'** ***Phys. Rev. B, 26 (11), 6099-6103 (1982)*** *Comment : S. D, He (50-230 keV) -> C, Al, Cs, Au*	**1982-Kreu**
1982	Mertens, P. Krist, Th. **'Stopping Ratios of 50 - 300 keV Light Ions in Metals'** ***Nucl. Inst. Methods, 194, 57 (1982)*** *Comment : S. 50-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au*	**1982-Mert**
1982	Mertens, P. Krist, Th. **'Electronic Stopping Cross-sections for 30 - 300 keV Protons in Materials with 23 < Z2 < 30'** ***Nucl. Inst. Methods, 194, 57-60 (1982)*** *Comment : S. H (30-300 keV) -> (23<= Z2 <= 30)*	**1982-Mert2**
1982	Mertens, P. Krist, Th. **'Stopping Ratios for 30 - 300 keV Ions with 1 <= Z2 <= 5'** ***J. Appl. Phys., 53 (11), 7343 - 7349 (1982)*** *Comment : S. H, He, Li, Be, B (30-330 keV) -> C, V, Cr, Fe, Ni, Zn*	**1982-Mert3**
1982	Oberlin, J. C. Amokrane, A. Beaumevieille, H. Stoquert, J. P. **'Stopping Power and Straggling of 0.2 - 2.0 MeV Protons and 0.3-3.1 MeV 4He Ions in Erbium'** ***J. Physique, 43, 485-491 (1982)*** *Comment : S, dS. H, He (.2-3.1 MeV) -> Er*	**1982-Ober**
1983	Alberts, H. W. Malherbe, J. B. **'Energy Loss and Straggling of p, d, and Alpha Particles in Au in the Energy Region 0.2-2.4 MeV'** ***Rad. Effects, 69, 231 (1983)*** *Comment : S., dS. H, D, He (0.2-2.4 MeV) -> Au*	**1983-Albe**
1983	Aumayr, F. Bauer, P. Semrad, D. **'Accuracy of Stopping Cross Section Determination from RBS Spectray by Warters' Method'** ***Nucl. Inst. Methods, 212, 529 (1983)*** *Comment : S. H (60-1000 keV) -> Al, Cu, Ag, Au,*	**1983-Auma**
1983	Baumgart, H. Arnold, W. Berg, H. Huttel, E. Clausnitzer, G. **'Proton Stopping Powers in Various Gases'** ***Nucl. Inst. Methods, 204, 597 (1983)*** *Comment : H (60-800 keV) -> H, He, N, O, Ne, Ar, Kr, Xe*	**1983-Baum**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1983	Baumgart, H. Berg, H. Huttel, E. Clausnitzer, G. **'Proton Stopping Cross-Sections and Mean Excitation Energies for Gaseous Cl2 and Br2'** ***Phys. Rev. A, 28 (5), 3109-3111 (1983)*** *Comment : S. H (50-750 keV) -> Cl, Br (gases)*	**1983-Baum2**
1983	Conradie, J. Lombaard, J. Friedland, E. **'Energy Loss and Straggling of Hydrogen and Helium Ions in Selenium'** ***Nucl. Inst. Methods, 205, 359-363 (1983)*** *Comment : S. H, He (0.3-2.5 MeV) -> Se*	**1983-Conr**
1983	Hancock, S. James, F. Movchet, J. Rancoita, P. G. Van Rossum, L. **'Energy Loss and Energy Straggling of Protons and Pions in the Momentum Range 0.7-115 GeV/c'** ***Phys. Rev. A, 28, 615*** *Comment : S,dS. H, pions (0.7-115 GeV/c) -> Si*	**1983-Hanc**
1983	Kido, Y. Hioki, T. **'Measurements of Energy Loss and Straggling for Fast H in Metals and their Compounds by Means of a Nuclear Resonant Reaction'** ***Phys. Rev. B, 27, 2667 (1983)*** *Comment : S, dS. H (600-1000 keV) -> Al, Cu, AlCu, Ti, TiO2, O, Ti, Se, In, Sb, InO, TiO*	**1983-Kido**
1983	Krist, Th. Mertens, P. **'Stopping Ratios for 30-330 keV Light Ions in Materials with 57 <=Z2 <=83'** ***Nucl. Inst. Methods, 218, 821-826 (1982)*** *Comment : S. H, He, Li (50-300 keV) -> C, Al, Cu, Ag, Au*	**1983-Kris**
1983	Krist, Th. Mertens, P. **'Proton Energies at the Maximum of the Electronic Stopping Cross Section in Materials with 57 <Z2<83'** ***Nucl. Inst. Methods, 218, 790-794 (1983)*** *Comment : S. H (30-350 keV) -> La, Nd, Tb, Dy, Lu, Ta, Re, Ir, Pt, Au, Bi*	**1983-Kris2**
1983	Mannsperger, H. Kalbitzer, S. Demond, F. J. Damjantschitsch, H. **'Projection Factors of Low Energy Ion Ranges'** ***Nucl. Inst. Methods, 209/210, 49-55 (1983)*** *Comment : R. H, C, Na, Al, Si, Ar, Cr (.04<epsilon<1) -> Si, Ge*	**1983-Mann**
1983	Sakamoto, N. Shiomi, N. Ishiwari, R. **'Geometrical Effect on the Measurement of Stopping Power: Angle-Dependent Energy Loss of 7 MeV Protons in Cu Foils and Computer Simulations'** ***Phys. Rev. A, 27, 810 (1983)*** *Comment : S. H (7 MeV) -> Cu (Angular effects)*	**1983-Saka**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1983	Semrad, D. Bauer, P. Aumayer, F. Huber, P. Obermann, W. **'Search for an Influence of the Measuring Method on Stopping Cross Section Data Near the Maximum'** ***Nucl. Inst. Methods, 218, 811-816 (1983)*** *Comment : S. H,D (70 - 550 keV/amu) -> Cu Review of experimental methods of measuring stopping powers.*	**1983-Semr**
1983	Steuer, M. F. Gemmell, D. S. Kanter, E. P. Johnson, E. A. Zabransky, B. J. **'Stopping Power for Fast Nitrogen and Oxygen Diclusters in Carbon'** ***IEEE Trans. Nucl. Sci, NS-30, 1069-1073 (1983)*** *Comment : S. H, He, N, O (1-3.6 MeV) -> C. Molecular energy loss differences.*	**1983-Steu**
1984	Adesida, I. Karapiperis, L. **'The Range of Light Ions in Polymeric Resists'** ***J. Appl. Phys., 56 (6), 1801-1807 (1984)*** *Comment : R, dR. H, He, Li, Be, B, C (5-300 keV) -> PMMA photoresist*	**1984-Ades**
1984	Bauer, P. Aumayer, F. Semrad, D. Scherzer, B. M. U. **'Measurement of the Stopping Cross Sections for Protons in Copper by Backscattering using Various Methods for Foil-Thickness Determination'** ***Nucl. Inst. Methods, B1, 1 (1984)*** *Comment : S. H(60-500 keV) -> Cu*	**1984-Baue**
1984	Bauer, P. Semrad, D. Golser, R. **'Investigation of Hydrogen Stopping in Noble Metals around the Stopping Power Maximum'** ***Nucl. Inst. Methods, B2, 149 (1984)*** *Comment : S. H, D (50-500 keV/amu) -> Cu, Ag, Au*	**1984-Baue2**
1984	Baumgart, H. Arnold, W. Gunzl, J. Huttel, E. Hofmann, A. **'Proton and Helium Stopping Cross Sections in Gaseous Hydrocarbon Compounds'** ***Nucl. Inst. Methods, B5, 1-9 (1984)*** *Comment : S. H, He (60-1050 keV) -> Various hydrocarbon gases*	**1984-Baum**
1984	Baumgart, H. Berg, G. Huttel, E. Praff, E. Reiter, G. **'Proton and Helium Stopping Cross Sections in Cl2 and Br2'** ***Nucl. Inst. Methods, B2, 145-148 (1984)*** *Comment : S. H, He (50-1000 keV) -> Cl, Br (gases)*	**1984-Baum2**
1984	Eckardt, J. C. Lantschner, G. H. Jakas, M. M. Ponce, V. H. **'The Correlation Between Inelastic Energy Loss and Scattering angle in Transmission Experiments'** ***Nucl. Inst. Methods, B2, 168-172 (1984)*** *Comment : S. H, He (50-200 keV) -> C, Al (S vs. transmission angle)*	**1984-Ecka**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1984	Heidemann, K. F. Gruner, M. Kaat, E. **'Optical Characterization of Damage and Concentration Profiles in H Ion Implanted Amorphous Silicon'** ***Rad. Effects, 82, 103-131 (1984)*** *Comment : R, dR. H (190 keV) -> Si (Optical Characterization)*	**1984-Heid**
1984	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Stopping Power of Au for Protons from 3-8 MeV'** ***Nucl. Inst. Methods, B2, 141 (1984)*** *Comment : S. H (3-8 MeV) -> Au*	**1984-Ishi**
1984	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Stopping Powers of Zr, Pd, Cd, In, and Pb for 6.5 MeV Protons and Mean Excitation Energies'** ***Nucl. Inst. Methods, B2, 195 (1984)*** *Comment : S. H (6.5 MeV) -> Zr, Pd, Cd, In, Pb (mean ionization energies)*	**1984-Ishi2**
1984	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Geometrical Effect on the Measurement of Stopping Powers: Angle-Dependent Energy Loss of 7 MeV Protons in Be, Al, Cu, Ag and Ta'** ***Phys. Rev. A, 30, 82 (1984)*** *Comment : S. H (7 MeV) -> Be, Al, Cu, Ag, Ta (Angular effects)*	**1984-Ishi3**
1984	Khodyrev, V. A. Mizgulin, V. N. Sirotinin, E. I. Tulinov, A. F. **'Stopping Cross Sections of 80-500 keV Protons in Phosphorus Compounds'** ***Rad. Effects, 83, 21-37 (1984)*** *Comment : S. H (80-500 keV) -> InP, GaP, ZnSiP2*	**1984-Khod**
1984	Krist, Th. Mertens, P. **'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with 1<=Z1<=5'** ***Nucl. Inst. Methods, B2, 119-122 (1984)*** *Comment : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi*	**1984-Kris**
1984	L'Hoir, A. Schmaus, D. **'Stopping Power and Energy Straggling for Small and Large Energy Losses of MeV Protons Transmitted through Polyester Films'** ***Nucl. Inst. Methods, B4, 1 (1984)*** *Comment : S, dS. H (0.5-2.0 MeV) -> Polyester*	**1984-L**
1984	Lennard, W. N. Phillips, D. Mitchell, I. V. Andrews, H. R. Ward, D. **'Search for Pre-Equilibrium Stopping for He Ions in Thin Carbon Foils'** ***Nucl. Inst. Methods, B2, 116 (1984)*** *Comment : S. H, He (270-620 keV) -> C (thickness effects)*	**1984-Lenn**
1984	Schou, J. Sorensen, H. Andersen, H. H. Nielsen, M. Rune, J. **'Range Measurements of keV Hydrogen Ions in Solid Oxygen and Carbon Monoxide'** ***Nucl. Inst. Methods, B2, 159-163 (1984)*** *Comment : R. H, D (1.3-3.5 keV/amu) -> H2, CO (solids)*	**1984-Scho**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1984	Shchuchinsky, J. Peterson, C. **'Stopping Power and Energy Loss Stragglings of Slow Protons Moving in C, Al, and Au; Effective Charge Fractions and Straggling of Heavy Ions'** ***Rad. Effects, 81, 221-229 (1984)*** *Comment : S, dS. H (8-300 keV) -> C, Al, Au*	**1984-Shch**
1984	Sirotinin, E. I. Tulinov, A. F. Khodyrev, V. A. Mizgulin, V. N. **'Proton Energy Loss in Solids'** ***Nucl. Inst. Methods, B4, 337 (1984) -1*** *Comment : S. H (0.1-6.0 MeV) -> Al, Si, Sc, V, Cu, Zn, Ga, Ge, Y, Zr, Nb, Mo, Ag, Cd, In, Sn, La, Sm, Gd, Yb, Hf, Ta, W, Pt, Au, Pb*	**1984-Siro**
1984	Wilson, W. E. Miller, J. H. Toburen, L. H. Manson, S. T. **'Differential Cross Sections for Ionization of Methane, Ammonia and Water Bapor by High Velocity Ions'** ***J. Chem. Phys., 80, 5631 (1984)*** *Comment : S. H (3-4.2 MeV) -> H2O, Ammonia, Methane*	**1984-Wils2**
1984	Xu, Y. J. Khandelwal, G. S. Wilson, J. W. **'Intermediate Energy Proton Stopping Power for Hydrogen Molecules and Monoatomic Helium Gas'** ***Phys. Letters, 100A, 3, 137-140 (1984)*** *Comment : S. H (0.1-1.0 MeV) -> H2, He*	**1984-Xu 2**
1985	Bauer, P. Semrad, D. Mertens, P. **'The Influence of Different Experimental Methods on the Measured Energy Dependence of Stopping Powers'** ***Nucl. Inst. Methods, B12, 56 (1985)*** *Comment : S. H (50-700 keV) -> Cu*	**1985-Baue**
1985	Borgesen, P. **'Measurements of the Stopping Power for keV Light Ions in Condensed Molecular Gases'** ***Nucl. Inst. Methods, B12, 73-79 (1985)*** *Comment : S. H, D (1-10 keV) -> H, D, N, O, CO (solids and gases)*	**1985-Borg**
1985	Dierckx, R. Kley, W. Benton, E. V. Buschmann, J. **'The Stopping of Deuterons in Lithium'** ***Nucl. Eng. & Des./Fusion, 2, 237 (1985)*** *Comment : S, dS. D(52 MeV) -> Li Includes angular distributions vs. target thickness*	**1985-Dier**
1985	Fink, D. Biersack, J. P. Chen, J. T. Stadele, M. Tjan, K. **'Distributions of Light Ions and Foil Destruction after Irradiation of Organic Polymers'** ***J. Appl. Phys., 58, 668-676 (1985)*** *Comment : R. H, He, Li, B, C, N, Bi (50-300 keV) -> AZ111, PMMA, Epoxy, C, Li, PMCN*	**1985-Fink**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1985	Gehrmann, P. Lenkeit, K. Stolle, R. **'Measurement of Proton Channeling Energy Losses in Silicon in the Intermedicate Energy Region'** ***Phys. Stat. Sol. B, 131, 519 (1985)*** *Comment : S. H (40-350 keV) -> Si. Channeled stopping powers.*	**1985-Gehr**
1985	Haque, A. K. M. M. Mohammadi, A. Nikjoo, H. **'Study of the Stopping Power and Straggling for Alpha Particles and Protons in Organic Solids, Liquids and Gases'** ***Rad. Prot. Dosimetry, 13, 71-74 (1985)*** *Comment : S,dS. H, He (.1-5.5 MeV) -> H2O, methanol, ethanol, propanol, styrene, and polymers. Targets measured in Solid/Liquid/Gas phases.*	**1985-Haqu**
1985	Hautala, M. Keinonen, J. Whitlow, H. J. Tikkanen, P. Uhrmacher, M. **'Range Profiles of 25-250 keV Hydrogen in Silicon'** ***Phys. Letters, 109A, 344-346 (1985)*** *Comment : R, dR. H (25-250 keV) -> Si*	**1985-Haut**
1985	Rauhala, E. Raisanen, J. **'Energy Loss of 450-2400 keV Protons in Havar, Kapton and Aluminized Mylar Foils'** ***Nucl. Inst. Methods, B12, 321 (1985)*** *Comment : S. H (450-2400 keV) -> Havar, Kapton, Mylar*	**1985-Rauh**
1985	Schulz, F. Shchuchinsky, J. **'Proton Stopping Cross Sections for C, Al and Au: New Experimental Data and Critical Analysis of the Validity of Empirical Fit Formulas'** ***Nucl. Inst. Methods, B12, 90-94 (1985)*** *Comment : S. H (8-300 keV) -> C, Al, Au*	**1985-Schu**
1986	Bauer, P. Semrad, D. **'Stopping of Hydrogen Ions in Chemically Active Metal Targets Characterized by AES and RBS'** ***Nucl. Inst. Methods, B13, 201-206 (1986)*** *Comment : S. H (30-500 keV) -> Al, Nb*	**1986-Baue**
1986	Bednyakov, A. A.. Chumanov, V. Y. Chumanova, O. V. Iferov, G. A. Khodyrev, V. A. **'Dependence of Energy Loss of light Ions in Au on Scattering Angle and Target Thickness in the Energy Interval 25-500 keV/amu'** ***Nucl. Inst. Methods, B13, 146 (1986)*** *Comment : S. H, He (40-500 keV) -> Au (angular dependence, target thickness)*	**1986-Bedn**
1986	Biersack, J. P. Fink. D. Miekeley, W. Tjan, K. **'1-3 MeV Alpha and Triton Stopping Powers in LiF and Li Alloys'** ***Nucl. Inst. Methods, B15, 96-100 (1986)*** *Comment : S. T, He (1-2.7 MeV) -> LiF, Li alloys*	**1986-Bier**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1986	Ishiwari, R. Sakamoto, N. Ogawa, H. **'Geometric Effect on the Measurement of Stopping Powers: Angle-Dependent Energy Loss of Protons in Cu in the Energy Range from 3-7 MeV'** ***Nucl. Inst. Methods, B13, 111 (1986)*** *Comment : S. H(3-7 MeV) -> Cu (angular effects)*	**1986-Ishi**
1986	Mertens, P. **'Experiments on the Difference between Most Probable and Mean Energy Loss for Foil Transmitted Protons'** ***Nucl. Inst. Methods, B13, 91 (1986)*** *Comment : S,dS. H (100-300 keV) -> C (angular effects)*	**1986-Mert**
1986	Mertens, P. Bauer, P. Semrad, D. **'Proton Stopping Powers in Al, Ni, Cu, Ag and Au Measured Comparatively on Identical Targets in Backscattering and Transmission Geometry'** ***Nucl. Inst. Methods, B15, 91-95 (1986)*** *Comment : S. H, D (30-600 keV) -> Al, Ni, Cu, Ag, Au*	**1986-Mert2**
1986	Mertens, P. Krist, Th. **'The Influence of Foil Inhomogeneities on the Angular Dependence of Experimental Stopping Cross Sections'** ***Nucl. Inst. Methods, B13, 95 (1986)*** *Comment : S. H, He, N (300 keV) -> C (thickness effects)*	**1986-Mert3**
1986	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. **'Stopping Powers of Sn and Pb for 3.0-8.5 MeV Protons'** ***Nucl. Inst. Methods, B13, 115 (1986)*** *Comment : S. H (3.0-8.5 MeV) -> Sn, Pb (mean ionization energies)*	**1986-Saka2**
1986	Semrad, D. Bauer, P. Eder, K. Obermann, W. **'Apparatus for Measuring the Stopping Power of Active Materials Evaporated in-situ and Characterized by Auger Electron Spectrometry and Rutherford Backscattering'** ***Rev. Sci. Inst., 57, 1368-1372 (1986)*** *Comment : S. H, D, (30-500 keV/amu) -> Al*	**1986-Semr2**
1986	Semrad, D. Mertens, P. Bauer, P. **'Reference Proton Stopping Cross Sections for Five Elements around the Maximum'** ***Nucl. Inst. Methods, B15, 86-90 (1986)*** *Comment : S. H (30-700 keV) -> Al, Ni, Cu, Ag, Au*	**1986-Semr3**
1986	Shiomi, N. Sakamoto, N. Shima, K. Ishihara, T. Michikawa, K. **'Stopping Powers of Au for Protons from 7-20 MeV'** ***Nucl. Inst. Methods, B13, 107 (1986)*** *Comment : S. H (7-20 MeV) -> Au (mean ionization energy)*	**1986-Shio**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1987	Alberts, H. W. **'Stopping Power and Straggling of Energetic Light Ion Beams in Yttrium'** ***Rad. Effects, 102, 23-29 (1987)*** *Comment : S. H, D, He (0.15-2.5 MeV) -> Y*	**1987-Albe**
1987	Bauer, P. **'How to Measure Absolute Stopping Cross Sections by Backscattering and by Transmission Methods'** ***Nucl. Inst. Methods, B27, 301-314 (1987)*** *Comment : S. H, D (30-600 keV) -> Al, Ni, Ag, Au (review of technique)*	**1987-Baue**
1987	Geissel, H. Winterbon, K. B. Lennard, W. N. **'Small Angle Energy Loss Measurements for H and He Ions in Carbon'** ***Nucl. Inst. Methods, B27, 333 (1987)*** *Comment : S. H, He (0.5-7.0 MeV) -> C (angular effects)*	**1987-Geis**
1987	Guimaraes, R. B. Behar, M. Livi, R. P. De Souza, J. P. Amaral, L. **'Dose and Energy Dependence of Implanted Ion Profiles (9<=Z1<=83) in AZ-111 Photoresist'** ***Nucl. Inst. Methods, B19/20, 882-886 (1987)*** *Comment : R, dR. F, Na, P, Ar, K, Fe, Ga, Kr, Sn, Xe, Bi (30-100 keV) -> AZ111 Photoresist*	**1987-Guim**
1987	Lee, S. R. Hart, R. R. **'Stopping Power Measurements of 20-180 keV 1H and 4He in Indium Phosphide using Thick Target Backscattering'** ***Nucl. Inst. Methods, B28, 470-480 (1987)*** *Comment : S. H, He (20-180 keV) -> InP*	**1987-Lee**
1987	Mertens, P. **'How to Measure Absolute Stopping Cross Sections by Backscattering and by Transmission Methods'** ***Nucl. Inst. Methods, B27, 315-322 (1987)*** *Comment : S. H (20-700 keV) -> C, Al*	**1987-Mert**
1987	Niiler, A. **'Stopping Power Uncertainty Effects in Thick Target RBS Analysis'** ***Nucl. Inst. Methods, B24/25, 358 (1987)*** *Comment : S. H (0.2-1.0 MeV) -> Cu, Ni, Al (RBS simulation)*	**1987-Niil**
1987	Reiter, G. Baumgart, H. Kniest, N. Pfaff, E. Clausnitzer, G. **'Proton and Helium Stopping Cross-Sections in N2, O2, NO and N2O'** ***Nucl. Inst. Methods, B27, 287-292 (1987)*** *Comment : S. H, He (50-3000 keV) -> N, O, N2O, NO*	**1987-Reit**
1987	Semrad, D. Golser, R. **'Investigation of the Ratio of Proton Stopping Cross-Sections in Ag and Au'** ***Phys. Rev. A, 35, 4836-4838 (1987)*** *Comment : S. H (70-500 keV) -> Ag, Au*	**1987-Semr**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1987	Semrad, D. Ramaseder, N. Palmetshofer, L. Bauer, P. **'Measurement of the Electronic Stopping Power of Gold for Protons in a Large Solid Angle Transmission Geometry'** ***Rad. Effects, 104, 67-79 (1987)*** *Comment : S. H (35-500 keV) -> Au*	**1987-Semr2**
1987	Waibel, E. Willems, G. **'Stopping Power and Ranges of Low Energy Protons in Tissue Equivalent Gas'** ***Phys. Med. Biol., 32, no. 3, 365-370 (1987)*** *Comment : S. H (1-100 keV) -> Tissue equivalent gas*	**1987-Waib**
1987	Weiser, M. Behar, M. Kalbitzer, S. Oberschachtsiek, P. Fink, D. **'A Four-Moments Analysis of H Range Profiles in Silicon'** ***Nucl. Inst. Methods, B29, 587-590 (1987)*** *Comment : R. H (25-300 keV) -> Si*	**1987-Weis**
1988	Balashova, L. A. Chumanov, V. Y. Chumanova, G. A. Iferov, A. F. Tulinov, A. F. **'Analysis of the Angular Dependence of Proton Energy Loss in Thin Films'** ***Nucl. Inst. Methods, B33, 168-169 (1988)*** *Comment : S. H(100-400 keV) -> Au Angular dependence of stopping.*	**1988-Bala2**
1988	Ishiwari, R. Shiomi, Tsuda, N. Sakamoto, N. **'Stopping Powers of Al and Cu for Protons from 3-9 MeV'** ***Nucl. Inst. Methods, B35, 118 (1988)*** *Comment : S. H(3-9 MeV) -> Al, Cu (mean excitation energies)*	**1988-Ishi**
1988	Ishiwari, R. Shiomi-Tsuda, N. Sakamoto, N. **'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, TA, Pt and Au for 6.5 MeV Protons'** ***Nucl. Inst. Methods, B31, 503 (1988)*** *Comment : S. H (6.5 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au (mean excitation energies)*	**1988-Ishi2**
1988	Mertens, P. Bauer, P. **'Reference Stopping Cross Sections for 30-600 keV Protons in Silicon'** ***Nucl. Inst. Methods, B33, 133 (1988)*** *Comment : S. H (30-600 keV) -> Si*	**1988-Mert**
1988	Ogino, K. Kiyosawa, T. Kiuchi, T. **'Stopping Powers for MeV Tritons in Solids'** ***Nucl. Inst. Methods, B33, 155-157 (1988)*** *Comment : S. T(2.3-5.4 MeV) -> Al, Ti, Ni, Nb, Ag, Sn, Au*	**1988-Ogin**
1988	Rauhala, E. Raisanen, J. **'Stopping Powers of 0.5-8.3 MeV Protons in Havar, Nickel, Kapton and Mylar'** ***Nucl. Inst. Methods, B35, 130 (1988)*** *Comment : S. H (0.5-8.3 MeV) -> Ni, Havar, Kapton, Mylar*	**1988-Rauh**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1988	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. **'Magnitude of the Z1*3 Correction and the Values of Mean Excitation Potential for 21 Metallic Elements'** ***Nucl. Inst. Methods, B33, 158 (1988)*** *Comment : S. H, He (6.5 MeV) -> Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)*	**1988-Saka**
1988	Wilson, R. G. **'(111) Random and (110) Channeling Implantation Profiles and Range Parameters in HgCdTe'** ***J. Appl. Phys., 63, 5302-5311 (1988)*** *Comment : R, dR. 45 Ions (H to Ta) at 100-700 keV -> HgCdTe*	**1988-Wils**
1988	Wilson, R. G. **'Ion Implantation and SIMS Profiling of Impurities in II-VI Materials HgCdTe and CdTe'** ***J. Crystal Growth, 86, 735-743 (1988)*** *Comment : R, dR. 52 Ions (H-Hg) at 100-700 keV -> CdTe, HgCdTe*	**1988-Wils2**
1989	Bauer, G. H. Antolak, A. J. Pontau, A. E. Morse, D. H. Heikkinen, D. W. **'Proton Energy Straggling Measurements in Al, Ti, Ag and W Foils'** ***Nucl. Inst. Methods, B43, 497 (1989)*** *Comment : dS. H (2-7 MeV) -> Al, Ti, Ag, W*	**1989-Baue**
1989	Haque, A. K. M. M. Mohammadi, A. Nikjoo, H. **'Stopping Power for Low Energy Protons'** ***J. Phys. D, 22, 1196-1204 (1989)*** *Comment : S, dS. H (20-400 keV) -> Hydrocarbons such as ethylene, propylene, styrene, etc. Solid vs. Gas phase effects + straggling*	**1989-Haqu**
1989	Weiser, M. Oberschachtsiek, P. Gunzler, R. Schule, V. Kalbitzer, S. **'Experimental and Calculated Range Moments of Deep Implants'** ***Mater. Sci. Eng., B2, 55-61 (1989)*** *Comment : R. H, N, I, Au (.2-5 MeV) -> Si Range distributions/moments.*	**1989-Weis**
1990	Bauer, P. **'Stopping Power of Light Ions near the Maximum'** ***Nucl. Inst. Methods, B45, 673 (1990)*** *Comment : S. H, H- (30-700 keV) -> C, Al, Si, Ni, Cu, Ag, Au, SiO2, HC2, Al2O3*	**1990-Baue**
1990	Ishiwari, R. Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. **'Geometrical Effect on the Measurement of Stopping Power: Angle Dependent Energy Loss of 5 MeV Protons in Au'** ***Nucl. Inst. Methods, B48, 65-68 (1990)*** *Comment : S, dS. H (5 MeV) -> Au Angular dependence of stopping.*	**1990-Ishi**
1990	Ishiwari, R. Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. **'Stopping Powers of A-150 Tissue Equivalent Plastic for Protons from 2.5 - 7.5 MeV'** ***Nucl. Inst. Methods, B47, 111 (1990)*** *Comment : S. H (2.5-7.5 MeV) -> A-150 Tissue Eqiv.*	**1990-Ishi2**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1990	Mitterschiffthaler, C. Bauer, P. **'Stopping Cross Section of Water Vapor for Hydrogen Ions'** ***Nucl. Inst. Methods, B48, 58 (1990)*** *Comment : S. H (25-350 keV/amu) -> H2O*	**1990-Mitt**
1990	Reiter, G. Kniest, N. Pfaff, E. Clausnitzer, G. **'Proton and Helium Stopping Cross Sections in H, He, N, O, Ne, Ar, Kr, Xe, CH4'** ***Nucl. Inst. Methods, B44, 399-411 (1990)*** *Comment : S. H, He (0.7-3.0 MeV) -> H, He, N, O, Ne, Ar, Kr, Xe, CH4*	**1990-Reit**
1990	Reiter, G. Pfaff, E. Clausnitzer, G. **'Proton and Helium Stopping Cross Sections in Halogenated Hydrocarbon Compounds'** ***Nucl. Inst. Methods, B51, 320-329 (1990)*** *Comment : S. H, He (0.05-3.0 MeV) -> HC Compounds*	**1990-Reit2**
1990	Semrad, D. Eppacher, C. Tober, R. Eppacher, C. **'The Stopping Power of Ag and Au with regard to Higher Order Z1 Effects'** ***Nucl. Inst. Methods, B48, 79 (1990)*** *Comment : S. H, D, He, Li, C (20-700 keV) ->Ag, Au*	**1990-Semr**
1990	Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. **'Stopping Powers of Ag for 3-20 MeV Protons'** ***Nucl. Inst. Methods, B48, 61 (1990)*** *Comment : S. H (3-20 MeV) -> Ag (mean excitation energy)*	**1990-Shio**
1991	Antolak, A. J. Handy, B. N. Morse, D. H. Pantau, A. E. **'Energy Loss and Straggling Measurements of Ions in Solid Absorbers'** ***Nucl. Inst. Methods, B59/60, 13-17 (1991)*** *Comment : S, dS. H, Li, C(7-49 MeV) -> Al, Ti, Ni, Ag, W, Au*	**1991-Anto**
1991	Golser, R. Semrad, D. **'Observation of a Striking Departure from Velocity Proportionality in Low Energy Electronic Stopping'** ***Phys. Rev. Letters, 66, 1831 (1991)*** *Comment : S. H (3 - 20 keV) He*	**1991-Gols**
1991	Matsunami, N. Kitoh, K. **'High Resolution Spectroscopy of H Energy Loss in Thin Carbon Films'** ***Nat. N. Sci (Japan) Rpt.: NIFS-88, 1-20 (1991)*** *Comment : S. H(100 keV) -> C (very thin films)*	**1991-Mats**
1991	Medenwaldt, R. Moller, S. P. Uggerhoj, E. Worn, T. Hvelplund, P. **'Measurement of the Stopping Power of Silicon for Antiprotons between 0.2 - 3 MeV'** ***Nucl. Inst. Methods, B58, 1-5 (1991)*** *Comment : S. H-(0.2-3 MeV) -> Si Anti-proton stopping powers.*	**1991-Mede**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1991	Medenwaldt, R. Moller, S. P. Uggerhoj, E. Worn, T. Hvelplund, P. **'Measurement of the Antiproton Stopping Power of Gold- The Barkas Effect'** ***Phys. Letters, 155A, 155 (1991)*** *Comment : S. H- (0.2-3.0 MeV) -> Au (Antiporoton stopping power)*	**1991-Mede2**
1991	Ray, E. M. **'Penetration d'Agregats d'Hydrogene de 10 a 120 keV/u dans des Feuilles Minces.'** ***Univ. Lyon (France) Rpt.: LYCEN-T/9123, 1-135 (1991)*** *Comment : S. H (clusters) (0-120 keV/amu) -> C*	**1991-Ray**
1991	Sakamoto, N. Ogawa, H. Mannami, M. Kimura, K. Susuki, Y. **'Stopping Powers of Metallic Elements for High Energy Ions'** ***Rad. Effects, 117, 193-195 (1991)*** *Comment : S. H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt*	**1991-Saka**
1992	Bauer, P. Kastner, F. Arnau, A. Salin, A. Echenique, P. M. **'Phase Effect in the Energy Loss of H Projectiles in Zn Targets: Experimental Evidence and Theoretical Explanation'** ***Phys. Rev. Letters, 69, 1137-1139 (1992)*** *Comment : S. H (0.02-0.2 keV) -> Zn (solid and gas)*	**1992-Baue**
1992	Bauer, P. Rossler, W. Mertens, P. **'Stopping of Hydrogen Ions in Oxides - Influence of the Chemical Bond'** ***Nucl. Inst. Methods, B69, 46-52 (1992)*** *Comment : S. H (300-350 keV) -> Al2O3, SiO2*	**1992-Baue2**
1992	Bichsel, H. Hiraoka, T. **'Energy Loss of 70 MeV Protons in Elements'** ***Nucl. Inst. Methods, B66, 345-351 (1992)*** *Comment : S. H (70 MeV) -> C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb*	**1992-Bich2**
1992	Eppacher, C. Semrad, D. **'The Effective Charge of He Ions in Metals'** ***Nucl. Inst. Methods, B67, 138-141 (1992)*** *Comment : S. H, He (1-2.5 Vo) -> Ge, Sn and Pb*	**1992-Eppa**
1992	Eppacher, Ch. Semrad, D. **'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties'** ***Nucl. Inst. Methods, B69, 33-38 (1992)*** *Comment : S. H, He (20-250 keV/amu) -> Au, Cr, Ag, Al, Ge, Sn, Pb*	**1992-Eppa2**
1992	Golser, R. Eppacher, Ch. Semrad, D. **'Energy Loss of Hydrogen Projectiles below the Bohr Velocity in Amorphous Carbon'** ***Nucl. Inst. Methods, B67, 69-72 (1992)*** *Comment : S. H(0.35-0.63 Vo) -> C*	**1992-Gols**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1992	Golser, R. Semrad. D. **'Energy Loss of Hydrogen and Helium Ions in Hydrogen and Helium Gas: Looking for Exceptions from Velocity Proportionality'** ***Nucl. Inst. Methods, B69, 18-21 (1992)*** *Comment : S. H, D, He (2-20 keV/amu) -> H, He*	**1992-Gols3**
1992	Gunzler, R. Weiser, M. Kalbitzer, S. **'3-D Concentration Distributions of Ion Implants'** ***Nucl. Inst. Methods, B62, 350-355 (1992)*** *Comment : R. H, N, Si (.1-6 MeV) -> Ge. 3-D profiles.*	**1992-Gunz**
1992	Lapin, S. N. Cooper, G. W. Davis, L. Bailey, J. E. Stygar, W. A. **'Range and Straggling Effects on CR-39 Range Filter Ion Energy Measurements'** ***Rev. Sci. Inst., 63, 4895-4897 (1992)*** *Comment : S, dS, R. H(8, 15 MeV) -> CR-39 (with filters)*	**1992-Lapi**
1992	Matsunami, N. Kitoh, K. **'Energy Distribution of 100 keV H+ in Thin Carbon Films'** ***Nucl. Inst. Methods, B67, 50-52 (1992)*** *Comment : S. H(100 keV) -> C (very thin targets)*	**1992-Mats**
1992	Rauhala, E. Raisanen, J. Fulop, Zs. Kiss, A. Z. Hunyadi, I. **'Slowing Down of Light Ions in LR-115 Nuclear Track Material'** ***Nucl. Tracks Rad. Meas. (UK), 20, 611-614 (1992)*** *Comment : S. H, He, Li, B, C, N, O (0.3-4.3 MeV/amu) -> LR-115 (nuclear track material)*	**1992-Rauh**
1993	Auth, C. Winter, H. **'Energy Loss of 100 keV Protons in Single Collisions with Argon Atoms'** ***Phys. Letters A, 176, 109-112 (1993)*** *Comment : S, dS. H (100 keV) -> Ar*	**1993-Auth**
1993	Hiraoka, T. Kawashima, K. Hoshino. K. Fukumura, A. Bichsel, H. **'Energy Loss of 70 MeV Protons in Organic Polymers'** ***Med. Phys., 20, 135-141 (1993)*** *Comment : S. H (70 MeV) -> H2O, A-150 Tissue plastic*	**1993-Hira**
1993	Narumi, K. Fujii, Y. Kishine, K. Fujiwara, S. Kimura, K. **'Energy Losses of 12-32 keV H, He and N Ions at Glancing Angle Scattering from Clean Surfaces of Silicon Crystals'** ***J. Phys. Soc. Jap., 62, 1603-1611 (1993)*** *Comment : S. H, He, N (12-32 keV) -> Si Surface scattering effects*	**1993-Naru**
1993	Necas, V. Kaferbock, W. Rossler, W. Bauer, P. **'Electronic Stopping of Hydrogen Ions in Graphite and Amorphous Carbon'** ***Nucl. Inst. Methods, B80/81, 41-44 (1993)*** *Comment : S. H (25-150 keV/amu) -> C (graphite and evap. carbon)*	**1993-Neca**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1993	Schiefermuller, A. Galser, R. Stohl, R. Semrad, D. **'Energy Loss of Hydrogen Projectiles in Gases'** ***Phys. Rev. A, 48, 4467-4475 (1993)*** *Comment : S. H (3-20 keV/amu) -> H2, D, He, Ne*	**1993-Schi**
1993	Sharada, K. S. **'Proton Stopping Powers in some Low Z Elements'** ***Rad. Res., 136, 335-340 (1993)*** *Comment : Theory. S. H (0.5-10.0 MeV) -> Tissue (biological)*	**1993-Shar**
1993	Valdes, J. E. Tamayo, G. M. Lantschner, G. H. Eckardt, J. C. Arista, N. R. **'Electronic Energy Loss of Low Velocity H+ Beams in Al, Ag, Sb, Au and Bi'** ***Nucl. Inst. Methods, B73, 313-318 (1993)*** *Comment : S. H(<10 keV) -> Al, Ag, Au, Bi*	**1993-Vald**
1994	Arnau, A. Bauer, P. Kastner, F. Salin, A. Echenique, P. M. **'Phase Effect in the Energy Loss of Hydrogen Projectiles in Zinc Targets'** ***Phys. Rev. B, 6470-6480 (1994)*** *Comment : S. H (20-800 keV) -> Zn. Solid/vapor effects on stopping.*	**1994-Arna**
1994	Auth, C. Winter, H. **'Impact Parameter Dependence of the Energy Loss of Fast Protons in Single Collisions with Noble Gas Atoms'** ***Nucl. Inst. Methods, B93, 123-131 (1994)*** *Comment : S. H (50-250 keV) -> He, Ne Ar*	**1994-Auth**
1994	Avdeichikov, V. V. Bergholt, L. Guttormsen, M. Taylor, J. E. Westerberg, L. **'Light Output and Energy Resolution of CsI, YAG, GSO, BGO, LSO Scintillators for Light Ions'** ***Nucl. Inst. Methods, A349, 216-224 (1994)*** *Comment : S. H, D, He (3-20 MeV/amu)-> CsI, YAG, GSO, BGO, LSO Scintillators*	**1994-Avde**
1994	Bauer, P. Kaferbock, W. Necas, V. **'Investigation of the Electronic Energy Loss of Hydrogen Ions in H2O: Influence of the State of Aggregation'** ***Nucl. Inst. Methods, B93, 132-136 (1994)*** *Comment : S. H -> H2O (Gas, Solid)*	**1994-Baue**
1994	Benka, O. Steinbauer, E. Bauer, P. **'Kinetic Electron Emission Yield induced by H and He Ions versus Stopping Power for Al, Cu, Ag and Au'** ***Nucl. Inst. Methods, B90, 64-66 (1994)*** *Comment : S. H, He (0.5-4.8 MeV) -> Al, Cu, Ag, Au Electron emission effects.*	**1994-Benk**
1994	Eppacher, C. Zemsauer, G. Semrad, D. **'How Good are Interpolations in Stopping Power Tabulations? The case of Rb and Sr'** ***Nucl. Inst. Methods, B90, 92-95 (1994)*** *Comment : S. H (50-700 keV) -> Rb, Sr*	**1994-Eppa**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1994	Hiraoka, T. Kawashima, K. Hoshino, K. Bichsel, H. **'Energy Loss of 70 MeV Protons in Tissue Substitute Materials'** ***Phys. Med. Biol., 39, 983-991 (1994)*** *Comment : S. H (70 MeV) -> Tissue Equivalent Materials*	**1994-Hira**
1994	OBELIX Collaboration **'Recent Results from OBELIX in Atomic Physics'** ***Yaderna Fiz. (Russia), 57, 1816-1828 (1994)*** *Comment : S. H (0.5keV-3.3 MeV) -> H, He (gas) Pressure effects on stopping.*	**1994-OBEL**
1994	Porter, L.E. Rauhala, E. Raisanen, J. **'Effects of Sample Preparation on the Stopping Powers of Havar for Protons and Alpha Particles'** ***Phys. Rev. B, 49, 11543-11549 (1994)*** *Comment : S. H, He (0.5-1.8 MeV) -> Havar*	**1994-Port4**
1994	Raisanen, J. Rauhala, E. **'Ranges of 1.0-2.7 MeV H and He Ions in GaAs'** ***Nucl. Inst. Methods, B93, 1-4 (1994)*** *Comment : R. H, He (1.0-2.7 MeV) -> GaAs*	**1994-Rais**
1994	Raisanen, J. Rauhala, E. Fulop, Z. Kiss, A. Z. Somorjai, E. **'Stopping Powers of CR-39 Nuclear Track Material for Z=1-14 Ions with 0.25-2.8 MeV/amu'** ***Rad. Meas. (UK), 23, 749-752 (1994)*** *Comment : S. Z=1-14 (0.25-2.8 MeV/amu) -> CR-39*	**1994-Rais2**
1994	Schiwietz, G. Grande, P. L. Auth, C. Winter, H. Salin, A. **'Angular Dependence of Energy Loss in Prton-Helium Collisions'** ***Phys. Rev. Letters, 72, 2159-2162 (1994)*** *Comment : S. H (50-250 keV) -> He (single collision scattering)*	**1994-Schi**
1994	Shiomi Tsuda, N. Sakamoto, N. Ishiwari, R. **'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 13 MeV Deuterons'** ***Nucl. Inst. Methods, B93, 391-398 (1994)*** *Comment : S. D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1994-Shio**
1994	Wallace, W. E. Rathman, J. B. Composto, R. J. **'The Stopping Power of 1-3 MeV Hydrogen and Helium in Polyimide'** ***J. Appl. Phys., 75, 2312-2316 (1994)*** *Comment : S. H, He (1-3 MeV) -> Polyimide*	**1994-Wall**
1994	Wallace, W. E. Rathman, J. B. Composto, R. J. **'The Stopping Power of 1-3 MeV H and He in Polystyrene'** ***Nucl. Inst. Methods, B84, 1-4 (1994)*** *Comment : S. H, He (1-3 MeV) -> Polystyrene*	**1994-Wall2**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1995	Abel, F. Quillet, V. Schott, M. **'Degradation of Polystyrene Thin Films under D, He and C Irradiation, Studied by Ion Beam Analysis: Effects of Energy Loss, Sample Thickness and Isotopic Content'** ***Nucl. Inst. Methods, B105, 86-90 (1995)*** *Comment : S. H, D, He, C (150-2500 keV) -> Polystyrene (*	**1995-Abel**
1995	Agnello, M. Belli, G. Bertin, A. Botta, E. Zoccoli, A. **'Anti-Proton Slowing Down in H-2 and He and Evidence of Nuclear Stopping Power'** ***Phys. Rev. Letters, 74, 371-374 (1995)*** *Comment : S, Sn. H- (0.5-1.1 MeV) -> H, He*	**1995-Agne**
1995	Baiocchi, P. Cecchini, S. Dekhissi, H. Garutti, V. Giacomelli, G. **'Calibration with Relativistic and Low Velocity Ions of a CR-39 Nuclear Track Detector'** ***Rad. Meas. (UK), 25, 145-150 (1995)*** *Comment : S,R. H (50 keV) to Au (11.3 GeV) -> CR-39*	**1995-Baio**
1995	Eppacher, Ch. Diez Muino, R. Semrad, D. Arnau, A. **'Stopping Power of Lithium for Hydrogen Projectiles'** ***Nucl. Inst. Methods, B96, 639-642 (1995)*** *Comment : S. H (20-750 keV) -> Li (solid)*	**1995-Eppa**
1995	LeBlanc, L. Ross, G. G. Wallace, W. E. **'Measured Stopping Powers of Hydrogen and Helium in Polystyrene near their Maximum Values'** ***Nucl. Inst. Methods, 95, 457-462 (1995)*** *Comment : S. H, He (.04 - 300 keV/amu) -> Polystyrene*	**1995-LeBl**
1995	Martinez Tamayo, G. Eckardt, J. C. Lantschner, G. H. Arista, N. R. **'Energy Loss of Protons in Zn: Measurements between 2-200 keV'** ***Phys. Rev. A, 51, 2285-2288 (1995)*** *Comment : S. H (2-200 keV) -> Zn*	**1995-Mart**
1995	Shevchenko, V. A. **'Stopping Power Measurements of Low Energy Protons using Backscattering on the Target'** ***Metall-Novei.-Tekh., 17, 27-29 (1995) Translated in "Physics of Metals"*** *Comment : S. H (80-240 keV) -> Si, Cd, Fe, Au, YBaCuO*	**1995-Shev**
1995	Shiomi Tsuda, N. Sakamoto, N. Ogawa, H. **'Stopping Powers of Mylar for Protons from 4 - 11.5 MeV'** ***Nucl. Inst. Methods, B103, 255-260 (1995)*** *Comment : S. H (4.0-11.5 MeV) -> Mylar*	**1995-Shio**
1995	Shiomi Tsuda, N. Sakamoto, N. Ogawa, H. **'Stopping Powers of Ta and Mo for MeV Protons'** ***Nucl. Inst. Methods, B115, 88-92 (1995)*** *Comment : S. H (4.0 - 20 MeV) -> Ta, Mo*	**1995-Shio2**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1995	Susuki, Y. Fritz, M. Kimura, K. Mannami, M. Sakamoto, N. **'Energy Loss and Dissociation of 10 MeV/amu H-3 Ions in Carbon Foils'** ***Phys. Rev. A, 51, 3868-3872 (1995)*** *Comment : S. H-3 (9.6 MeV/am) -> C*	**1995-Susu**
1996	Bertin, A. Bruschi, M. Capponi, M. d'Antone, I. de Castro, S. **'Experimental Antiproton Nuclear Stopping Power in H2 and D2'** ***Phys. Rev. A, 54, 5441-5446 (1996)*** *Comment : S. H- (0-5 keV) H2, D2 (gases)*	**1996-Bert**
1996	Fischer, P. Eppacher, C. Hoefler, G. Semrad, D. **'Stopping Power Obtained from Complex Backscattering Spectra: The Isotopes of Magnesium'** ***Nucl. Inst. Methods, B115, 27-30 (1996)*** *Comment : S. H, He (15-740 keV) -> Mg*	**1996-Fisc**
1996	Golser, R. Semrad, D. Aumayr, F. **'Electronic Stopping in a He-H2 Mixture Substantially Exceeds Bragg's Rule Value'** ***Phys. Rev. Lett., 76, 3104-3107 (1996)*** *Comment : S. D (4 keV/amu) -> He/H mixtures.*	**1996-Gols**
1996	Ikeda, A. Sumitomo, K. Nishioka, T. Kido, Y. **'Stopping Powers and Energy Straggling for 50-300 keV H in Amorphous Si and Ge Films'** ***Nucl. Inst. Methods, B115, 34-38 (1996)*** *Comment : S, dS. H (50-300 keV) -> Si, Ge*	**1996-Iked**
1996	Kaneko, T. **'Energy Loss and Straggling of Molecular Ions Moving in Solids'** ***Nucl. Inst. Methods, B115, 43-46 (1996)*** *Comment : S. H, D, T (1 keV- 10 MeV/amu) -> C, Ag*	**1996-Kane**
1996	Kulikauskas, V. S. Chumanov, V. Y. Chumanova, O. V. Iferov, G. A. Kulikauskas, V. S. **'The Dependence of the Energy Losses of Molecular Ions and their Fragments on the Exit Angle from a Thin Target'** ***Nucl. Inst. Methods, B115, 168-172 (1996)*** *Comment : S. H, OH (50-200 keV) -> Au (angular effects)*	**1996-Kuli**
1996	Martinez-Tamayo, G. Eckardt, J. C. Lantschner, G. H. Arista, N. R. **'Energy Loss of H and He Ions in Al, Zn, and Au in the Intermediate Energy Range'** ***Phys. Rev. A, 54, 3131-3138 (1996)*** *Comment : S. H, He (1-200 keV) -> Al, Zn and Au*	**1996-Mart**
1996	Matsunami, N. **'Energy Loss Distribution of H2 with 100 keV in Thin Carbon Films'** ***Nucl. Inst. Methods, B115, 55-57 (1996)*** *Comment : S, dS. H2 (100 keV) -> C*	**1996-Mats**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1996	Misdaq, M. A. Elassali, R. **'Average Stopping Powers for Channeled Ions using Calculational and Experimental Methods'** ***Nucl. Inst. Methods, 119, 325-330 (1996)*** *Comment : S. Light ions -> Si, GaAs (channeled)*	**1996-Misd**
1996	Munnik, F. Plompen, A. J. M. Raisanen, J. Watjen, U. **'Stopping Powers of 200-3000 keV He and 550-1750 keV H Ions in Vyns'** ***Nucl. Inst. Methods, B119, 445-451 (1996)*** *Comment : S. H, He (200-3000 keV) -> Vyns (polymer)*	**1996-Munn**
1996	Niemann, D. Kinac, G. Kalbitzer, S. **'Stopping Power of H, He and N in Si in the Energy Range of 0.02-1.0 MeV/amu'** ***Nucl. Inst. Methods, 118, 11-18 (1996)*** *Comment : S. H, He, N (.02-1.0 MeV/amu) -> Si*	**1996-Niem**
1996	Paulini, I. Heiland, W. Arnau, A. Zarate, E. Bauer, P. **'Stopping Cross Section of Protons and Deuterons in LithiumNiobate near the Stopping Power Maximum'** ***Nucl. Inst. Methods, 118, 39-42 (1996)*** *Comment : S. H, D (60-400 keV) -> LiNbO3*	**1996-Paul**
1996	Plompen, A. J. M. Munnik, F. Raisanen, J. Watjen, U. **'Stopping Powers of 200-3200 keV He and 550-1559 keV H Ions in Polyimide'** ***J. Appl. Phys., 80, 3147-3154 (1996)*** *Comment : S. H, He (200-3200 keV) -> Polyimide*	**1996-Plom**
1996	Rajatora, M. Vakevainen, K. Ahlgren, T. Rauhala, E. Raisanen, J. **'Stopping Powers of GaAs for 0.3-2.5 MeV H and He Ions'** ***Nucl. Inst. Methods, B119, 457-462 (1996)*** *Comment : S. H, He (0.3-2.5 MeV) -> GaAs*	**1996-Raja**
1996	Sakamoto, N. Ogawa, H. Shiomi Tsuda, N. **'Stopping Powers of Carbon for Protons from 4 to 13 MeV'** ***Nucl. Inst. Methods, B115, 84-87 (1996)*** *Comment : S. H (4-13 MeV) -> C*	**1996-Saka**
1996	Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. Tanaka, M. Goto, T. **'Stopping Powers of Havar for Protons from 4.0 to 13.0 MeV'** ***Nucl. Inst. Methods, B117,343-346 (1996)*** *Comment : S. H (4.0-13.0 MeV) -> Havar*	**1996-Shio2**
1996	Tsuda, S. Sakamoto, N. Ogawa, N. Tanaka, M. Goto, T. **'Stopping Powers of Havar for Protons from 4.0 - 13.0 MeV'** ***Nucl. Inst. Methods, B117, 343-346 (1996)*** *Comment : S. H (4.0-13.0 MeV) -> Havar*	**1996-Tsud**

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1997	Bauer, P. Golser, R. Aumayr, F. Semrad, D. Arnau, A. **'Contribution of Valence Electrons to the Electronic Energy Loss of Hydrogen Ions in Oxides'** ***Nucl. Inst. Methods, B 125 102-105 (1997)*** *Comment : S. H(10 - 1000 keV) -> H2O, SiO2, Al2O3, LiNbO3*	**1997-Baue**
1997	Eder, K. Semrad, D. Bauer, P. Golser, R. Echenique, P. M. **'Absence of a "Threshold Effect" in the Energy Loss of Slow Protons Traversing Large Band-Gap Insulators'** ***Phys. Rev. Lett., 79, 4112-4115 (1997)*** *Comment : S. H (2 - 800 keV) -> Al2O3, SiO2, LiF, Ne*	**1997-Eder**
1997	Kaferbock, W. Rossler, W. Necas, V. Bauer, P. Arnau, A. **'Comparative Study of the Stopping Power of Graphite and Diamond'** ***Phys. Rev. B, 55, 13276-13279 (1997)*** *Comment : S. H, He (20 - 80 keV/u) -> C (graphite and diamond)*	**1997-Kafe**
1997	Moller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. **'Direct Measurements of the Stopping Power for Antiprotons of Light and Heavy Targets'** ***Phys. Rev. A, 56, 2930-2939 (1997)*** *Comment : S. H- (50 - 700 keV) -> Al,Si,Ti,Cu,Ag,Ta,Pt,Au*	**1997-Moll**
1997	Muller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. **'Measurement of the Barkas Effect Around the Stopping Power Maximum for Light and Heavy Targets'** ***Nucl. Inst. Methods, B122, 162-166 (1997)*** *Comment : S. H- (50-700 keV) -> Si, Au*	**1997-Mull**
1997	Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. Tanaka, M. Saito, M. **'Stopping Powers of Mylar for Protons from 0.40 to 3.25 MeV'** ***Nucl. Inst. Methods, B 129, 1-4 (!997)*** *Comment : S. H (0.4-3.25 MeV) -> Mylar*	**1997-Tsud**
1997	Vakevainen, K. **'Stopping Cross Sections of ZnSe, Zn and Cu for H, He and Li Ions'** ***Nucl. Inst. Methods, B122, 187-193 (1997)*** *Comment : S. H, He, Li (0.4-8.9 MeV) -> ZnSe, Zn, Cu*	**1997-Vake**
1998	Bauer, P. Golser, R. Semrad, D. Maier-Komor, P. Aumayr, F. **'Influence of the Chemical State on the Stopping of Protons and He-Ions in some Oxides'** ***Nucl. Inst. Methods, B 136-138, 103-108 (1998)*** *Comment : S. H, He (0.03 - 1 MeV) -> Al2O3, SiO2*	**1998-Baue**
1998	Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. Saitoh, M. Kitoba, U. **'Stopping Powers of Havar for Protons from 0.45 to 3.0 MeV'** ***Nucl. Inst. Methods, B 135, 118-123 (1998)*** *Comment : S. H (.45 - 3 MeV) -> Havar*	**1998-Shia**

Citations for Ion : H

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1999	Porter, L. E. **'Values of modified Bethe-Bloch Stopping Power Parameters for Polysulfone extracted from Stopping Power Measurements with Light Projectile'** ***Nucl. Inst. Methods, B159, 195-200 (1999)*** *Comment : S. H, He (1 - 3.2 MeV) -> Polysulfone*	**1999-Port**
1999	Porter, L. E. **'Values of Bethe-Bloch Stopping Power Parameters for BYNS'** ***Nucl. Inst. Methods, B 149, 373-378 (1999)*** *Comment : S. H, He (0.5 - 1.75 MeV) -> Vyns*	**1999-Port2**
2000	Bergsmann, M. Raab, W. Schrenk, G. Kastner, F. Diez Muino, R. **'Phase Effect in Stopping of H Ions in Mg'** ***Phys. Rev. B, 62, 3153-3159 (2000)*** *Comment : S. H (15 - 650 keV/u) -> Mg*	**2000-Berg**
2000	Cabrera-Trujillo, R. Ohrn, Y. Deumens, E. Sabin, J. R. **'Stopping Cross Section in the Low to Intermediate Energy Range: Study of Proton and Hydrogen Atom Collisions with Atomic N, O, and F'** ***Phys. Rev. A, 62, 052714-1 (2000)*** *Comment : S. H, D (0 - 25 eV) -> N, O, F*	**2000-Cabr**
2000	Formicola, A. Aliotta, M. Gyurky, G. Raiola, F. Bonetti, R. **'Energy Loss of Deuterons in He-3 Gas; A Threshold Effect'** ***Eur. Phys. J., A8, 443-446 (2000)*** *Comment : S. D (15 - 100 keV) -> He3*	**2000-Form**
2000	Porter, L. E. **'Analyses of Stopping Power Measurements for 0.90-2.50 MeV Protons and Deuterons Transversing Al2O3 Targets'** ***Nucl. Inst. Methods, B170, 35-38 (2000)*** *Comment : S. H, D (0.9 - 2.5 MeV) -> Al2O3*	**2000-Port**
2000	Sakamoto, N. Ogawa, H. Tsuchida, H. **'Stopping Powers of Ti for Protons from 0.2-13.5 MeV; Correction for the Actual Path Length due to Multiple Scattering'** ***Nucl. Inst. Methods, B164-165, 250-258 (2000)*** *Comment : S. H -> Ti*	**2000-Saka**
2000	Susuki, Y. Fritz, M. Kimura, K. Mannami, M. Garcia-Molina, R. **'Energy Loss of Gragment Protons Dissociated from 0.2 and 0.5 MeV/u H2 Ions Incident in Carbon Foils'** ***Phys. Rev. A, 62, 012902 (2000)*** *Comment : S. H (0.2 - 0.5 MeV/u) -> C*	**2000-Susu**
2001	Raiola, F. Gyurky, G. Aliotta, M. Formicola, A. Bonetti, R. **'Stopping Power of Low Energy Deuterons in He-3 Gas'** ***Eur. Phys. J, A10, 487-491 (2001)*** *Comment : S. D (10 -100 keV) -> He3 gas*	**2001-Raio**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2002	Andersen, H.H. Csete, A. Ichioka, T. Knudsen, H. Moller, S.P. **'An Apparatus to Measure Stopping Powers for Low-Energy Antiprotons and Protons'** ***Nucl. Inst. Methods, B194, 217-225 (2002)*** *Comment : S. H and H- -> C, Al, Ni, Au*	**2002-Ande**
2002	Fama, M. Lantschner, G. H. Eckardt, J. C. Arista, N. R. Gayone, J. E. **'Energy Loss and Angular Dispersion of 2-200 keV Protons in Amorphous Silicon'** ***Nucl. Inst. Methods, B193, 91-96 (2002)*** *Comment : S. H -> Si(amor)*	**2002-Fama**
2002	Trzaska, W. H. Lyapin, V. Alanko, T. Mutterer, M. Raisanen, J. **'New Approach to Energy Loss Measurements'** ***Nucl. Inst. Methods, B195, 147-165 (2002)*** *Comment : S. Ar, Si, O, He, H -> Au, Ni, C, Havar*	**2002-Trza**
2003	Raisanen, J. Trzska, W. H. Alanko, T. Lyapin, V. Porter, L. E. **'Stopping powers of polycarbonate for 0.36–5.94-MeV protons and 1.0–24.0-MeV α particles'** ***J.Applied Phys. 94,2080 (2003)*** *Comment : S. H(0.36-5.9 MeV), He(1-24 MeV)->polycarbonate*	**2003-Rais**
2004	Ammi, H. Mammer, S. Allab, M. **'Energy loss straggling of energetic 1H and 2H ions crossing polypropylene foils '** ***Nucl.Instrum.Methods B213, 60 (2004)*** *Comment : S,dS. H (0.9-2.9 MeV/n) -> Polypropylene*	**2004-Ammi**
2004	Damache, S. Ouichaoui, S. Belhout, A. Medouni, A. Toumert, I **'Stopping of 236 keV – 3.019 MeV protons in mylar and polypropylene films'** ***Nucl. Instrum. Methods B225, 449 (2004)*** *Comment : S. H (236-3019 keV) ->Mylar, Polypropylene*	**2004-Dama**
2004	Janson, M.S. Linnarsson, M.K. Hallen, A Svensson, B.G. **'Electronic stopping cross sections in silicon carbide for low-velocity ions with 1<=Z1<=15'** ***J. Appl. Phys. 96, 164 (2004)*** *Comment : S. H - P (1.5-300 keV) ->SiC*	**2004-Jans**
2004	Moller, S. P. Csete, A. Ichioka, T. Knudsen, H. Uggerhoj, U. I. **'Stopping Power in Insulators and Metals without Charge Exchange'** ***Phys. Rev. Lett., 93, 042502-1 - 4 (2004)*** *Comment : S. H -> Al*	**2004-Moll**
2004	Porter, L. E. Trzaska, W. H. Raisanen, J. Lyapin, V. **'Stopping powers of havar for 0.63–5.9 MeV protons and 2.6–24 MeV alpha particles'** ***J. Phys.: Condens. Matter 16, 7663 (2004)*** *Comment : S. H (0.63-5.9 MeV), He (2.6-24 MeV)->Havar*	**2004-Port**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2005	Ammi, H. Zemih, R. Mammer, S. Allab, M. **'Mean excitation energies extracted from stopping power measurements of protons in polymers by using the modified Bethe–Bloch formula'** ***Nucl.Instrum.Methods B230, 68 (2005)*** *Comment : S. H (1-3.5 MeV) ->LR115, Mylar, Polycarbonate, Polyprop.*	**2005-Ammi**
2005	Draxler, M. Chenakin, S. P. Markin, S. N. Bauer, P. **'Apparent Velocity Threshold in the Electronic Stopping of Slow Hydrogen Ions in LiF'** ***Phys. Rev. Lett. 95 (2005) 113201 (2005)*** *Comment : S. H (1.3-5.7 keV), D (0.7 - 73 keV) -> LiF*	**2005-Drax**
2005	Ribas, R. V. Medina, N. H. Added, N. Olivieria, J.R.B. Cybulska, E. W. **'Stopping powers of polycarbonate for 0.36–5.94-MeV protons and 1.0–24.0-MeV α particles'** ***Nucl.Instrum.Methods B211, 453 (2005)*** *Comment : S. H (0.36-5.94 MeV), He (1.0-24.0 MeV) ->polycarbonate*	**2005-Riba**
2006	Baek, W.Y. Grosswendt, B. Willems, G. **'Ionization ranges of protons in water vapour in the energy range 1–100 keV'** ***Rad. Prot. Dosimetry 122, 32 (2006)*** *Comment : R. H (1-91 keV) ->Water vapor*	**2006-Baek**
2006	Chenakin, S. P. Markin, S. N. Steinbauer, E. Draxler, M. Bauer, P. **'Electronic Stopping of Hydrogen Ions Deduced from TOF-LEIS Spectra'** ***Nucl. Inst. Methods, B,249, 58-61 (2006)*** *Comment : S. H, D, T -> Au*	**2006-Chen**
2006	Damache, S. Ouichaoui, S. Moussa, D. Dib, A. **'Effects of the Projectile Electronic Structure on Stopping Parameters for Nickel'** ***Nucl. Inst. Methods, B249, 22-25 (2006)*** *Comment : S. H, D, He -> Ni*	**2006-Dama**
2006	Hobler, G. Bourdelle, K. K. Akatsu, T. **'Random and Channeling Stopping Power of H in Si below 100 keV'** ***Nucl. Inst. Methods, B242, 617-619 (2006)*** *Comment : S. H -> Si (Rand. & Chan.)*	**2006-Hobl**
2007	Figueroa, E.A. E.D.Cantero J.C.Eckardt G.H.Lantschner **'Threshold effect in the energy loss of slow protons and deuterons channeled in Au crystals'** ***Phys. Rev. A 75, 010901 (R) (2007)*** *Comment : Channeling measurements*	**2007-Figu**
2007	Markin, S. **'S.Markin, Dissertation, Univ. of Linz'** ***Dissertation, Univ. of Linz (2007)*** *Comment : S. H (0.16-9.8 keV) -> Au*	**2007-Mark**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2007	Serkovic, L.N. Sanchez, E.A. Grizzi, O. Eckardt, J.C. Lantschner, G.H. **'Stopping power of fluorides for low-velocity protons'** ***Phys. Rev. A76, 040901(R) (2007)*** *Comment : S. H (0.7-25 keV) -> AlF3*	**2007-Serk**
2008	Abdesselam, M. Ouichaoui, S. Azzouz, M. Chami, A.C. Siad, M. **'Stopping of 0.3-1.2 MeV/u protons and alpha particles in Si'** ***Nucl. Instrum. Methods Phys. Res. B 266, 3899 (2008)*** *Comment : S. H, He (0.3-1.2 MeV/u) -> Si*	**2008-Abde**
2008	Markin, S.N. Primetshofer, D. Prusa, S. Brunmayr, M. Kowarik, G. **'Electronic interaction of very slow light ions in Au: electronic stopping and electron emission '** ***Phys. Rev. B78, 195122 (2008)*** *Comment : S. H (0.5-9.8 keV), D (0.32-9.8 keV) ->Au*	**2008-Mark**
2009	Barradas, N.P. Alves, E Siketic, Z. Bogdanovic, I. Radovic, **'Stopping power of different ions in Si measured with a bulk sample method and Bayesian inference data analysis '** ***AIP Conf. Proc. 1099, 331 (2009)*** *Comment : S. H (0-2500 keV), Li (0-3000 keV) ->Si*	**2009-Barr**
2009	Behar, M. Fadanelli, R.C. Abril, I. Garcia-Molina, R. Denton, C.D. **'Energy loss of proton, alpha particle, and electron beams in hafnium dioxide films'** ***Phys. Rev. A80, 062901 (2009)*** *Comment : S. H (120-900 keV), He(120-3000 keV) -> HfO2*	**2009-Beha**
2009	Cantero, E.D. Lantschner, G.H. Eckardt, J.C. Arista, N.R. **'Velocity dependence of the energy loss of very slow proton and deuteron beams in Cu and Ag '** ***Phys. Rev. A80, 032904 (2009)*** *Comment : S. H (0.4-8.7 keV) -> Ag*	**2009-CanB**
2009	Markin, S.N. Primetzhofer, D. Bauer, P. **'Vanishing electronic energy loss of very slow light ions in insulators with large band gaps '** ***Phys. Rev. Lett. 103, 113201 (2009)*** *Comment : S. H (0.5-8 keV), D (0.66-6 keV) -> KCl*	**2009-Mark**
2009	Shimizu, M. Kaneda, M. Hayakawa, T. Tsuchida, H. Itoh, A. **'Stopping cross sections of liquid water for MeV energy protons'** ***Nucl. Instrum. Methods B 267 (2009) 2667 (2009)*** *Comment : S. H (1-2 MeV) -> liquid water*	**2009-Shim**
2010	Damache, S. Moussa, D. Ouichaoui, S. **'Stopping of ~0.2-3.4MeV/amu /sup 1/H/sup +/ and /sup 4/He/sup +/ ions in polyvinyl formal'** ***Nucl. Instrum. Methods B 268, 1759 (2010)*** *Comment : S. H, He (0.2-3.4 MeV/u) -> polyvinyl formal (formvar)*	**2010-Dama**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2010	Hsu, J.Y. Yu, Y.C. Chen, K.M. **'Stopping force and straggling of 0.6-4.7 MeV H, He and Li ions in the polyhydroxybutyrate foil'** ***Nucl. Instrum. Methods B 268, 1786 (2010)*** *Comment : S. H (0.6-3.5 MeV), He (2.0-4.7 MeV), Li (1.4-4.4 MeV) -> polyhydroxybutyrate (PHB)*	**2010-Hsu**
2010	Moussa, D. Damache, S. Ouichaoui, S. **'Effects of the projectile electronic structure on Bethe-Bloch stopping parameters for Ag'** ***Nucl. Instrum. Methods B 268, 1754 (2010)*** *Comment : S. H, He (0.192-2.395 MeV/u) -> Ag*	**2010-Mous**
2010	Serkovic Loli, L.N. Sanchez, E.A. Grizzi, O. Arista, N.R. **'Stopping power of fluorides and semiconductor organic films for low-velocity protons'** ***Phys. Rev. A81, 022902 (2010)*** *Comment : S. H (0.7-25 keV) -> AlF3, LiF, EP-PTCDI*	**2010-Serk**
2010	Shimizu, M. Hayakawa, T. Kaneda, M. Tsuchida, H. Itoh, A. **'Stopping cross-sections of liquid water for 0.3-2.0 MeV protons'** ***Vacuum 84, 1002 (2010)*** *Comment : S. H (0.3-2 MeV) -> liquid water*	**2010-Shim**