Citations for Ion : Ne

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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**
1953	Evans, G. E. Stier, P. M. Barnett, C. F. **'The Stopping of Heavy Ions in Gases'** ***Phys. Rev., 90, 825-32 (1953)*** *Comment : R. 20-250 keV He, N, Ne, Ar -> He, N2, Ar, Air*	**1953-Evan**
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**
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**
1960	Northcliffe, L. C. **'Energy Loss and Effective Charge of Heavy Ions in Aluminum'** ***Phys. Rev., 120, 1744-57 (1960)*** *Comment : S. 4-200 MeV He, B, C, N, O, F, Ne -> Al. Shows Stopping goes as (V/VoZ*2/3) but doesn't give Bohr (1941) credit.*	**1960-Nort**
1960	Roll, P. G. Steigert, F. E. **'Energy Loss of Heavy Ions in Nickel, Oxygen and Nuclear Emulsion'** ***Nucl. Phys., 17, 54-66 (1960)*** *Comment : S. He, B, C, N, O, F, Ne (2-10 MeV/amu) -> O, Ni, Emulsion*	**1960-Roll**
1960	Roll, P. G. Steigert, F. E. **'Characteristics of Heavy Ion Tracks in Nuclear Emulsion'** ***Nucl. Phys., 16, 534-44 (1960)*** *Comment : R. (2-200 MeV) He, B, C, N, O, F, Ne -> Emulsion*	**1960-Roll2**
1960	Schambra, P. E. Rauth, A. M. Northcliffe, L. C. **'Energy Loss Measurements for Heavy Ions in Mylar and Polythene'** ***Phys. Rev., 120, 1758-61 (1960)*** *Comment : S. 12-120 MeV C, 16-160 MeV O, 20-200 MeV Ne -> Mylar, Polyethylene*	**1960-Scha**

Citations for Ion : Ne

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1960	Schambra, P. E. Rauth, A. M. Northcliffe, L. C. **'Energy Loss Measurements for Heavy Ions in Mylar and Polyethylene'** ***Phys. Rev., 120, 1758 (1960)*** *Comment : S. He, B, Be, C, N, O, F, Ne (10 MeV/amu) -> Mylar, Polyethylene*	**1960-Scha2**
1961	Porat, D. I. Ramavataram, K. **'Differential Energy Loss and Ranges of Ne, N, and He Ions'** ***Proc. Phys. Soc., 78, 1135-43 (1961)*** *Comment : S. (0.4 - 6.2 MeV) D, He, Ne, N -> C, Al, Ni, Ag, Au*	**1961-Pora2**
1962	Powers, D. Whaling, W. **'Range of Heavy Ions in Solids'** ***Phys. Rev., 126, 61-69 (1962)*** *Comment : R. 50-500 keV N, Ne, Ar, Kr, Xe -> Be, B, C, Al*	**1962-Powe**
1962	Teplova, Ya. A. Nikolaev, V. S. Dimitriev, I. S. Fateeva, L. N. **'Slowing Down of Multicharged Ions in Solids and Gases'** ***Zh. Eksp. Teor. Fiz., 42, 44-60 (1962)[Engl. Trans. Sov. Phys., Jetp15, 31-41 (1962)]*** *Comment : S, R.(75-1500 keV/amu) He, Li, Be, B, C, N, O, Ne, Na, Mg, Al, P, Cl, K, Br, Kr -> H2, He, CH4, Benzene, Air, Ar, S. Same -> Al, Ni, Ag, Au*	**1962-Tepl**
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	Poscanzer, A. M. **'Range of 1-3 MeV Ne22 Ions in Al and the Analysis of Some Na24 Recoil Data'** ***Phys. Rev., 129, 385-87 (1963)*** *Comment : R. 1-3 MeV 22 Ne -> Al*	**1963-Posc**
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**
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**
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**

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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**
1968	Eisen, F. H. **'Channeling of Medium-Mass Ions through Silicon'** ***Can. J. Phys., 46, 561-72 (1968)*** *Comment : S. 100-500 keV B, C, N, O, F, Ne, Na, Mg, Al, Si, P, Cl, Ar, K -> Si (Cryst.)*	**1968-Eise**
1968	Fastrup, B. Borup, A. Hvelplund, P. **'Stopping Cross Section in Atmospheric Air of 0.2 - 0.5 MeV Atoms with 6 <= Z1 <= 24.'** ***Can. J. Phys., 46, 489-95 (1968)*** *Comment : S. (100-1000 keV) C, N, O, Ne, N, Mg, P, S, Cl, Sc, Ca, Ti Al, Ar, K, Cr -> Air*	**1968-Fast**
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**
1969	Bottiger, J. Bason, F. **'Energy Loss of Heavy Ions Along Low-Index Directions in Gold Single Crystals'** ***Rad. Effects, 2, 105-10 (1969)*** *Comment : S. (300-970 keV) N, Ne, Na, Mg, S, Cl, Ar, K, Si, Mn, Fe, Kr, Y, Mo, Ag, Cd, Sb, Xe -> Au*	**1969-Bott**
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**
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	Dearnaley, G. **'Ion Penetration'** ***European Conference on Ion Implantation, Reading, 162-171 (1970)*** *Comment : R. 10 keV-2 MeV Na, K, Kr, Xe, Ne -> Al2O3*	**1970-Dear**
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**

Citations for Ion : **Ne**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1970	Feldman, L. C. Rodgers, J. W. **'Depth Profiles of the Lattice Disorder Resulting from Ion Bombardment of Silicon Single Crystals'** ***J. Appl. Phys., 41, 3776-3782 (1970)*** *Comment : R. 200-500 keV C, Ne -> Si*	**1970-Feld**
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**
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**
1971	Hogberg, G. **'Electronic and Nuclear Stopping Cross Sections in Carbon'** ***Phys. Stat. Sol. B, 48, 829-41 (1971)*** *Comment : S. (10-46 keV) Li, B, N, C, O, F, Ne, Na, P, Ar -> C*	**1971-Hogb**
1971	Hogberg, G. **'Stopping Cross Section for 50 keV Neon Ions Scattered in Thin Carbon Films'** ***Phys. Letters A, 35, 327-28 (1971)*** *Comment : S. Dep. On Scatt. Angle, 50 keV Ne -> C*	**1971-Hogb2**
1971	Hogberg, G. **'Stopping Cross Sections for 50 keV Neon Ions Scattered in Thin Carbon Films'** ***Phys. Letters, 35A, 327-328 (1971)*** *Comment : S. Ne (50 keV) -> C*	**1971-Hogb3**
1971	Hvelplund, P. **'Energy Loss and Straggling of 100-500 keV Atoms with 2 ó Z1 ó 12 in Various Gases'** ***Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 38, No. 4, P. 1-25 (1971)*** *Comment : S,dS. (100-500 keV) He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> Air, He, Ne, H2, O2*	**1971-Hvel**
1972	Bierman, D. J. VanVliet, D. **'Inelastic Energy Losses in Gases and Electronic Stopping Powers in Solids'** ***Physica, 57, 221-236 (1972)*** *Comment : S. Ne (20-45 keV) -> Cu, Ni, Al*	**1972-Bier**
1972	Broude, C. Engelstein, P. Popp, M. Tandon, P. N. **'Dependence of the Doppler Shift Lifetime Method on Slowing Environment'** ***Phys. Letters, 39B, 185-187 (1972)*** *Comment : S. Ne (1 MeV) -> C, Mg, Si, + 32 other materials. Doppler shift attenuation measurements (crude).*	**1972-Brou**

Citations for Ion : Ne

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1972	Hogberg, G. Skoog, R. **'Non-Evidence for Z1, Oscillations of the Nuclear Ion-Atom Interaction in an Amorphous Target'** ***Rad. Effects, 13, 197-202 (1972)*** *Comment : S. 50 keV Li, B, C, N, O, F, Ne, Na, Mg, P, Ar -> C*	**1972-Hogb**
1973	Carriveau, G. W. Beauchemin, G. Knystautas, E. J. Pinnington, E. H. Drouin, R. **'Energy Loss Measurements of Low Energy Ions in Thin Carbon Foils'** ***Phys. Letters A, 46, 29-30 (1973)*** *Comment : S. Rel. To 60 keV P. 100, 200 keV N, Ne, Ar, Mn, Kr, Xe -> C*	**1973-Carr**
1973	Schimmerling, W. Vosburgh, K. G. Todd, P. W. **'Measurements of Range in Matter for Relativistic Heavy Ions'** ***Phys. Rev. B, 7, 2895-99 (1973)*** *Comment : R.(40-270 MeV) N, Ne, Ar -> Polyethylene, Polymethylacrylat, Al, Cu, Pb*	**1973-Schi**
1973	Shane, K. C. Seaman, G. G. **'Energy Loss of 20Ne Ions in Aluminum'** ***Phys. Rev. B, 8, 86-89 (1973)*** *Comment : S. 18.5, 19.8 MeV 20Ne -> Au*	**1973-Shan**
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	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**
1975	Efken, B. Hahn, D. Hilscher, D. Wustefeld **'Energy Loss and Energy Loss Straggling of N, Ne and Ar Ions in Thin Targets'** ***Nucl. Inst. Methods, 129, 219-225 (1975).*** *Comment : S, dS. (10-15 MeV) N, Ne, Ar -> N2, He, SFH, Ar, C, SF6,*	**1975-Efke**
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**
1976	Avdeichikov, V. V. Ganza, E. A. Lozhkin, O. V. **'Energy Resolution of Thin Semiconductor Delta-E Detectors for Alpha Particles and Heavy Ions'** ***Nucl. Inst. Methods, 131, 61-68 (1976)*** *Comment : dS. (1-200 MeV) He, C, N, O, Ne, Ar -> Si*	**1976-Avde**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Benmalek, M. Thomas, J. P. Mackowski, J. M. **'Ion-Bombardment of Amorphous Semiconductors and Related Evolution of Structural and Electrical Properties'** ***Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 637-647 (1976)*** *Comment : R. 20-300 keV Ne, Ar, Ge, Cd, Te, Xe, Au -> Ge*	**1976-Benm**
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	Grob, A. Grob, J. J. Siffert, P. **'Energy Loss and Straggling of Heavy Ions by Nuclear Interactions in Silicon'** ***Nucl. Inst. Methods, 132, 273-79 (1976)*** *Comment : S, dS, Eta(Epsilon). 300-2000 keV C, N, O, Ne, Si, S, Ar -> Si*	**1976-Grob**
1976	Hoffman, I. Jager, E. Muller-Jahreis, U. **'Z1-Dependence of Electronic Energy Straggling of Light Ions'** ***Rad. Effects, 31, 57 (1976)*** *Comment : dS. 2 <= Z1 <=10 (10-100 Kev) -> C, Si*	**1976-Hoff**
1976	Latta, B. M. Scanlon, P. J. **'Atomic Stopping Power Problems Encountered in Measurements of Nuclear gamma-ray Lifetimes by the Doppler-Shift Attenuation Methods'** ***Nucl. Inst. Methods, 132, 133-135 (1976)*** *Comment : S. Ne(1 MeV) -> C, compounds. Doppler shift attenuation analysis.*	**1976-Latt**
1976	Schimmerling, W. Vosburgh, K. G. Todd, P. W. Appleby, A. **'Apparatus and Dosimetry for High-Energy Heavy-Ion-Beam Irradiations'** ***Rad. Res., 65, 389-413 (1976)*** *Comment : R. 3.9, 7.2 GeV N, 5.7 GeV Ne -> Si*	**1976-Schi**
1977	Nagy, A. Z. Bogancs, J. Gyulai, J. Csoke, A. Nazarov, V. **'Determination of Boron Range Distribution in Ion-Implanted Silicon by the 10B(n,alpha)7Li Reaction'** ***J. Radioanal. Chem., 38, 19-27 (1977)*** *Comment : R, dR. 20-80 keV B -> Si*	**1977-Nagy**
1977	Ndocko-Ndongue, V. B. Pape, A. J. Armbruster, R. **'Low Energy Stopping Powers of Some Heavy Ions in Gold'** ***Rad. Effects, 33, 91-93 (1977)*** *Comment : S. 50-500 keV 4He, 12C, 14N, 16O, 20Ne, 28Si, 40Ar -> Au*	**1977-Ndoc**
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**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Alexander, T. K. Forster, J. S. Ball, G. C. Davies, W. G. Winterbon, K. B. **'Z1 and Z2 Variations in the Stopping Powers of Z1=10-18 Ions Deduced from DSAM Lifetime Measurements'** ***Phys. Letters, 74B, 183-186 (1978)*** *Comment : S. Ne, Na, Mg, Al, Si, P, S, Ar (3-4 MeV) -> Cu, Ni, Ta, Au, Mg, Ca, Ti, Ba. Doppler shift lifetime measurements.*	**1978-Alex**
1978	Anderson, W. J. Park, Y. S. **'Flux and Fluence Dependence of Implantation Disorder in GaAs Substrates'** ***J. Appl. Phys., 49, 4568-4570 (1978)*** *Comment : R, dR. 100 keV Ne, Ar, Kr -> GaAs*	**1978-Ande3**
1978	Beauchemin, G. Drouin, R. **'Study of Energy Loss Delta E vs. Theta as a Function of Emergence Angle for Neon and Argon Ions on Carbon'** ***Nucl. Inst. Methods, 149, 199-205 (1978)*** *Comment : S, dS. 40-120 keV Ne, 40-240 keV Ar -> C*	**1978-Beau2**
1978	Cullis, A. G. Seidel, T. E. Meek, R. L. **'Comparative Study of Annealed Neon-, Argon-, and Krypton- Ion Implantation Damage in Silicon'** ***J. Appl. Phys., 49, 5188-5198 (1978)*** *Comment : R, dR. 80 keV 20Ne, 150 keV 40Ar, 300 keV 84Kr -> Si*	**1978-Cull**
1978	Switkowski, Z. E. Overley, W. K. Wu, S. C. Barnes, C. A. Roth, J. **'Depth Profiling of Implanted Neon with Resonant Nuclear Reactions'** ***J. Nucl. Mater., (1978)*** *Comment : R, dR. 100 keV Ne -> Ta, 30, 40, 50, 80, 100, 160 keV Ne -> Si*	**1978-Swit**
1979	Andrews, H. R. Lennard, W. N. Mitchell, I. V. Ward, D. Phillips, D. **'Low Energy Stopping Powers Determined by Time of Flight Techniques'** ***IEEE Trans. Nucl. Sci., NS-26, 1326-1330 (1979)*** *Comment : S. (0.180 <vel.< 0.219 cm/ns) (6 <= Z1 <= 20)-> C, Al, Ni, Ag, Au*	**1979-Andr**
1979	Beauchemin, G. Drouin, R. **'The Energy-Angle Distribution of Heavy Particles Penetrating Solids: Experimental Test of the Meyer-Klein-Wedell Theory for Ne and Ar Ions in Carbon Below 250 keV'** ***Nucl. Inst. Methods, 160, 519-527 (1979)*** *Comment : S, dS. 40-120 keV Ne, 40-240 keV Ar -> C*	**1979-Beau**
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	Mertens, P. **'Influence of the Foil Structure on Energy Loss Spectra'** ***Preprint (1979) 9*** *Comment : dS. 300 keV He, Ne, Ar -> Cu*	**1979-Mert2**

Citations for Ion : Ne

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Mertens, P. **'The Influence of the Polycrystalline Structure of Thin Copper Foils on the Energy Loss of Transmitted 300 keV Ions'** ***Thin Solid Films, 60, 313 (1979)*** *Comment : S. N, Ne (300 keV) -> Cu (Channeling effects)*	**1979-Mert3**
1979	Ward, D. Andrews, H. R. Mitchell, I. V. Lennard, W. N. Walker, R. B. **'Systematics for the Z1-Oscillation in Stopping Powers of Various Solid Materials'** ***Can. J. Phys., 57, 645-656 (1979).*** *Comment : S. (vel.=0.18-0.22 cm/ns) C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca -> C, Al, Ni, Ag, Au*	**1979-Ward**
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**
1981	Fukuda, A. **'Stopping Powers in Rare Gases for 40-200 keV Rare-Gas Ions'** ***J. Phys. B, Atom. and Molec. Phys.,14, 4533-4544 (1981)*** *Comment : S. He, Ne, Ar, Kr (40-200 keV) -> He, Ne, Ar, Kr, Xe (Note: stopping for ions of zero deflection)*	**1981-Fuku**
1981	Nagata, K. Kikuchi, J. Doke, T. Gruhn, C. R. **'Deposited Energy Losses of High Energy Heavy Ions in Thin Gas Layers'** ***Nucl. Inst. Methods, 188, 217 (1981)*** *Comment : S. C, Ne, Ar, Fe (450-1870 MeV/amu) -> Ar (P-5) mixture*	**1981-Naga**
1981	Salamon, M. H. Ahlen, S. P. Tarle, G. Creggin, K. C. **'Measurement of Higher Order Corrections to Stopping Power for Relativistic Ne, Ar and Fe Beams'** ***Phys. Rev. A, 23, 1, 73-76 (1981)*** *Comment : R. Ne, Ar, Fe (600 MeV/amu) -> Al, Ar, Pb, Air, Kapton, CO2, Lexan*	**1981-Sala**
1982	Schultz, F. Brandt, W. **'Effective Charge of Low Velocity Ions in Matter: A Comparison of Theoretical Predictions with Data Derived from Energy Loss Measurements'** ***Phys. Rev. B, 26, 4864 (1982)*** *Comment : S. He, N, Ne, Ar (0.5-1.3 Vo) -> C, Al, Au*	**1982-Schu**
1983	Lennard, W. N. Andrews, H. R. Dube, B. Freeman, M. Mitchell, I. V. **'Dependence of Specific Energy Loss on Foil Thickness'** ***Nucl. Inst. Methods, 205, 351 (1983)*** *Comment : S. Ne (12-27 keV/amu) -> C (thickness effects)*	**1983-Lenn**
1984	Geissel, H. Lennard, W. N. Andrews, H. R. Ward, D. Phillips, D. **'Problems of Interpreting Energy Loss Data for Non-Zero Emergent Angles'** ***Phys. Letters, 106A, 371 (1984)*** *Comment : Ne (0.8 Vo) -> C (Angular and Target Thickness Effects)*	**1984-Geis**

Citations for Ion : Ne

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1985	Geissel, H. Lennard, W. N. Andrews, H. R. Jackson, D. P. Mitchell, I. V. **'Energy-Angle Distribution Measurements for 0.8 Vo Ne and Bi Ions Penetrating Thin Carbon Foils'** ***Nucl. Inst. Methods, B12, 38 (1985)*** *Comment : Ne, Bi (20 keV/amu) -> C (angular effects)*	**1985-Geis**
1986	Lennard, W. N. Geissel, H. Phillips, D. Jackson, D. P. **'Heavy Ion Straggling: Possible Evidence for Inner-Shell Excitation'** ***Phys. Rev. Letters, 57, 318-320 (1986)*** *Comment : dS.F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Sc (16 keV/amu) -> C*	**1986-Lenn**
1986	Lennard, W. N. Geissel, H. Jackson, D. P. Phillips, D. **'Electronic Stopping Values for Low Velocity Ions (9 <= Z1 <= 92) in Carbon Targets'** ***Nucl. Inst. Methods, B13, 127 (1986)*** *Comment : S. (16 keV/amu) F, Ne, Na, Mg, Al, P, Cl, Ar, K, Sc, Cr, Mn, Cu, Kr, Nb, Ag, In, Xe, Sm, Yb, Au, Bi, U -> C*	**1986-Lenn2**
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	Bimbot, R. Cabot, C. Gardes, D. Gauvin, H. Hingmann, R. **'Stopping Power of Gases for Heavy Ions: Gas-Solid Effects I. 2-13 MeV/amu Ne and Ar Projectiles'** ***Nucl. Inst. Methods, B44, 1-18 (1989)*** *Comment : S. Ne, Ar (2-13 MeV/amu) -> H, He, N, O, Ne, Ar, Kr, Xe (12 gases)*	**1989-Bimb2**
1990	Kumar, S. Sharma, S. K. Garg, A. K. Sharma, A. P. **'Experimental Range of Heavy Ions of Charge 6-28 in CR-39 and Lexan'** ***Appl. Rad. Isotopes (UK), 41, 497-500 (1990)*** *Comment : R. C, N, O, Ne, Si, Fe, Ni (6-9 MeV/amu) -> CR-39, Lexan*	**1990-Kuma**
1991	Kuronen, A. **'A Study of Stopping Power using Nuclear Methods'** ***Comm. Physico-Math. (Finland), 122, 1-36 (1991)*** *Comment : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)*	**1991-Kuro**

Citations for Ion : Ne

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1991	Xia, Yueyuan Lennard, W. N. **'Energy Loss Spectra for Heavy Ions Penetrating Amorphous Carbon Foils at Low Velocity'** ***Nucl. Inst. Methods, B61, 423-428 (1991)*** *Comment : S. Ne, Ar (80-150 keV) -> C*	**1991-Xia**
1992	Lennard, W. N. Xia, Y. Geissel, H. **'Energy Loss of Heavy Ions at Non-Zero Emergence Angles'** ***Nucl. Inst. Methods, B69, 89-93 (1992)*** *Comment : S. Ne -> C Angular effects on stopping.*	**1992-Lenn2**
1993	Bogdanov, S. D. Zhurkin, E. E. Kosmach, V. F. Hassan, D. **'Effect of Z*3 Correction in Ionization Energy Losses on the Ranges of Heavy Ions'** ***Pis'Ma Zh. Eksp. Teor. Fiz. (Russia), 58, 711-714 (1993) [Eng. Trans. JETP Letters, (1993)]*** *Comment : R. Ne, Ar, Fe, Au, U (0.3-1.2 GeV/amu) -> Emulsion*	**1993-Bogd**
1993	Mikheev, S. Ryzhov, Y. Shkarban, I. Yurasova, V. **'Inelastic Losses of Low Energy Ions Transmitted through Thin Films'** ***Nucl. Inst. Methods, B78, 86-90 (1993)*** *Comment : S. He, Ne, Ar (1-10 keV) -> C, Ca, Ag and Ni*	**1993-Mikh**
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**
1995	Bogdanov, S. S. Dudkin, V. E. Hassan, J. **'Ranges of 0.2-1.0 GeV/amu Heavy Ions in Nuchor'** ***Rad. Meas. (UK), 25, 111-114 (1995)*** *Comment : R. Ne, Ar, Fe, Au, U (0.2-1.0 GeV/amu) -> BR-2 (Nuchor) photoemulsion*	**1995-Bogd**
1995	Golovchenko, A. Tetryakova, S. P. Anne, A. Tostain, C. Tousset, G. **'Measurement of the Range of 77.1 and 95 MeV.amu Ne Ions'** ***Rad. Meas. (UK), 25, 107-110 (1995)*** *Comment : R. Ne (77,95 MeV/amu) -> CR-39*	**1995-Golo**
1995	Randhawa, G. S. Garg, A. K. Virk, H. S. **'Range Study of Heavy Ions in Plastic Track Detectors'** ***Rad. Meas. (UK), 24, 197-199 (1995)*** *Comment : R. Heavy Ions (10-17 MeV/amu) -> Lexan*	**1995-Rand**
1996	Gelfort, S. Kerkow, H. Stolle, R. Petukhov, V. P. Romanowski, E. A. **'Angular Dependence of the Electronic Energy Loss for Low Energy Heavy Ions under Channeling Conditions'** ***Nucl. Inst. Methods, B115, 315-318 (1996)*** *Comment : S. Channeling of ions He to Kr in Si <110>*	**1996-Gelf**

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1996	Hari, K. V. Pathak, A. P. Sharma, S. K. Shyam, K. Nath, N. **'Energy Loss of MeV Heavy Ions in Carbon'** ***Nucl. Inst. Methods, B108, 223-226 (1996)*** *Comment : S. Z1 (O - Cu) at 0.1-1.0 MeV/amu -> C*	**1996-Hari**
1997	Moon, D. W. Kim, H. K. Kim, Y. P. Ha, Y. H. Choi, S. K. **'The Electronic Energy Loss of 100 keV Heavy Ions in Medium Energy Ion Scattering Analysis of Ta2O5 Ultrathin Film'** ***Nucl. Inst. Methods, B125, 120-123 (1997)*** *Comment : S. Li, N, Ne (100 keV) -> Ta2O5*	**1997-Moon**
1999	Angulo, C. Delbar, T. Graulich, J. S. Leleus, P. **'Stopping Power Measurements: Implications in Nuclear Astrophysics'** ***AIP Conf. Proc., 495, 381-384 (1999)*** *Comment : S. Be, B, C, N, O, F,Ne (1 MeV/u) -> C,Al,Ni,Ch2,PVC*	**1999-Angu**
2000	Angulo, C. Delbar, Th. Graulich, J. -S. Leleux, P. **'Stopping Powers of Ions at 1 MeV per Nucleon'** ***Nucl. Instl. Methods, V170, 21-27 (2000)*** *Comment : S. Be, B, C, N, O, F, Ne (1 MeV/u) -> C, Al, Ni, CH2, PVC*	**2000-Angu**
2001	Diwan, P. K. Kumar, S. Singh, G. Singh, L. **'Energy Loss of Heavy Ions in Gases: A Comparative Study'** ***Rad. Meas., 33, 193-202 (2001)*** *Comment : S. Ne, S,Cl,Ar,Cu,Kr (1 - 80 MeV/u) -> H,He, N,Ar,Ne,Xe,CH4,C4H10,CO2,CF4*	**2001-Diwa2**
2003	Zhang, Yanwen Weber, W. J. **'Validity of Bragg's rule for heavy-ion stopping in silicon carbide'** ***Phys. Rev. B68, 235317 (2003)*** *Comment : S. O - Cu (0.05 - 0.4 MeV/n) -> SiC*	**2003-Zha1**
2004	Greife, U. Bishop, S. Buchmann, L. Chatterjee, M. L. Chen, A. A. **'Energy Loss Around the Stopping Power Maximum of Ne, Mg and Na Ions in Hydrogen Gas'** ***Nucl. Inst. Methods, B217, 1-6 (2004)*** *Comment : S. Ne, Mg and Nna -> H (gas)*	**2004-Grei**
2005	Zhang, Yanwen Weber, W. J. McCready, D.E. Grove, D.A. Jensen, J. **'Experimental determination of electronic stopping for ions in silicon dioxide'** ***Appl. Phys. Lett. 87, 104103 (2005)*** *Comment : S. Be - Si (0.05 - 1.3 MeV/n) -> SiO2*	**2005-Zha2**