

Citations for Ion : **N**

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' <i>ORNL-1278, 17-21 (1952)</i> <i>Comment : R. (50-300 keV) H, He, N, Ne, Ar -> He, N2, Ar, Air</i>	1952-Evan
1953	Evans, G. E. Stier, P. M. Barnett, C. F. 'The Stopping of Heavy Ions in Gases' <i>Phys. Rev., 90, 825-32 (1953)</i> <i>Comment : R. 20-250 keV He, N, Ne, Ar -> He, N2, Ar, Air</i>	1953-Evan
1953	Weyl, P. K. 'The Energy Loss of Hydrogen, Helium, Nitrogen and Neon Ions in Gases' <i>Phys. Rev., 91, 289-96 (1953)</i> <i>Comment : S. 150-450 keV H, D, He, N, Ne -> H2, He, Air, Ar</i>	1953-Weyl
1954	Reynolds, H. L. Scott, N. F. Zucker, A. 'Range and Charge of Energetic Nitrogen Ions in Nickel' <i>Phys. Rev., 95, 671-74 (1954)</i> <i>Comment : R. 8-29 MeV N -> Ni. Ranges Derived From Transmission Currents</i>	1954-Reyn
1954	Reynolds, H. L. Zucker, A. 'Range of Nitrogen Ions in Emulsion' <i>Phys. Rev., 96, 393-94 (1954)</i> <i>Comment : R. 4-28 MeV N -> Emulsion</i>	1954-Reyn2
1956	Webb, W. H. Reynolds, H. L. Zucker, A. 'Nitrogen-Induced Nuclear Reactions in Aluminum' <i>Phys. Rev., 102, 149-52 (1956)</i> <i>Comment : R. 4-28 MeV N -> Al</i>	1956-Webb
1957	Telkovskii, V. G. Pistunovich, V. I. 'Passage of Ions of Various Gases through a Thin Silver Film' <i>Dokl. Akad. Nank. Sssr, 113, 1035-38 (1957). (Sov. Phys. Doklady, 2, 184-86 (1957).)</i> <i>Comment : S. 2-20 keV H, He, C, N, O -> Ag</i>	1957-Telk
1958	Parfanovich, D. M. Semchinova, A. M. Flerov, G. N. 'Determination of the Range-Energy Relation for Nitrogen and Oxygen Ions in Photographic Emulsion' <i>Zh. Eksp. Teor. Fiz., 33, 343-45 (1957)[Engl. Trans. Sov. Phys. JETP, 6, 266-67 (1958)]</i> <i>Comment : R. 3-120 MeV N, O -> Emulsion</i>	1958-Parf
1959	Vorob'Ev, Yu. A. 'Range of Nitrogen and Beryllium Ions in Air' <i>Zh. Eksp. Teor. Fiz., 35, 1306-07 (1958). [Engl. Trans. Sov. Phys. JETP, 8, 912 (1959)]</i> <i>Comment : R. 4.9-9.5 MeV N, 3.1, 3.7 MeV Be -> Air</i>	1959-Voro

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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' <i>Phys. Rev.</i> , 117 , 544-56 (1960) <i>Comment</i> : R. (0.6-330 MeV) H, C, N, O, Ne, Ar -> Emulsion	1960-Heck
1960	Northcliffe, L. C. 'Energy Loss and Effective Charge of Heavy Ions in Aluminum' <i>Phys. Rev.</i> , 120 , 1744-57 (1960) <i>Comment</i> : 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' <i>Nucl. Phys.</i> , 17 , 54-66 (1960) <i>Comment</i> : 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' <i>Nucl. Phys.</i> , 16 , 534-44 (1960) <i>Comment</i> : 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 Polyethylene' <i>Phys. Rev.</i> , 120 , 1758 (1960) <i>Comment</i> : S. He, B, Be, C, N, O, F, Ne (10 MeV/amu) -> Mylar, Polyethylene	1960-Scha2
1961	Nielsen, L. P. 'Energy Loss and Straggling of Protons and Deuterons' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 33 , No. 6, 1-20 (1961) <i>Comment</i> : S, dS. 1.5-4.5 MeV P, D -> Al, Ni, Cu, Ag, Au; 1.5-4.5 MeV H -> Be	1961-Niel
1961	Porat, D. I. Ramavataram, K. 'Differential Energy Loss and Ranges of Ne, N, and He Ions' <i>Proc. Phys. Soc.</i> , 78 , 1135-43 (1961) <i>Comment</i> : 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' <i>Phys. Rev.</i> , 126 , 61-69 (1962) <i>Comment</i> : 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' <i>Zh. Eksp. Teor. Fiz.</i> , 42 , 44-60 (1962)[<i>Engl. Trans. Sov. Phys., JETP</i> 15, 31-41 (1962)] <i>Comment</i> : 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-Tep1

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1963	Ormrod, J. H. Duckworth, H. E. 'Stopping Cross Sections in Carbon for Low-Energy Atoms with $Z < 12$ ' <i>Can. J. Phys.</i> , 41, 1424-42 (1963) <i>Comment</i> : S. (10-130 keV) H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> C	1963-Ormr
1963	Phillips, W. R. Read, F. H. 'The Ranges of Nitrogen Ions in Gold' <i>Proc. Phys. Soc.</i> , 81, 1-8 (1963) <i>Comment</i> : S,R,dR. 0.4-6.4 MeV 15N -> Au. Range Profiles Using Nucl.Reaction Analysis.	1963-Phil
1964	Pavlov, P. V. Zorin, E. I. Tetelbaum, D. I. Popov, Ya. S. 'The Depth of Penetration and the Distribution of Radiation Defects in Germanium Bombarded by Argon and Nitrogen Ions' <i>Fiz. Tverd. Tela</i> , 6, 3222-26 (1964). [<i>Engl. Trans. Sov. Phys. Solid State</i> , 6, 2577-80 (1964).] <i>Comment</i> : R. 46-82 keV Ar, N -> Ge	1964-Pavl
1965	Barker, P. H. Phillips, W. R. 'The Range of Nitrogen Ions in Nickel and Silver' <i>Proc. Phys. Soc.</i> , 86, 379-85 (1965) <i>Comment</i> : S,R. 0.4 - 2.5 MeV N -> Ni, Ag	1965-Bark
1965	Boring, J. W. Strohl, G. E. Woods, F. R. 'Total Ionization in Nitrogen by Heavy Ions of Energies 25 to 50 keV' <i>Phys. Rev. A</i> , 140, 1065-69 (1965). <i>Comment</i> : S. 25-50 keV H, He, C, N, O, Ar -> N2	1965-Bori
1965	Ormrod, J. H. Macdonald, J. R. Duckworth, H. E. 'Some Low-Energy Atomic Stopping Cross Sections' <i>Can. J. Phys.</i> , 43, 275-84 (1965) <i>Comment</i> : 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	Bethge, K. Sandner, P. Schmidt, H. 'Energieverluste und Ladungszustände Schwerer Ionen Beim Durchgang Durch Materie' <i>Z. Naturforschg.</i> 21A, 1052-57 (1966) <i>Comment</i> : S. 5-20 MeV B, 5-30 MeV O, 7-28 MeV N, 5-30 MeV S -> Ni, Ag, Au	1966-Beth
1966	Fastrup, B. Hvelplund, P. Sautter, C. A. 'Stopping Cross Section in Carbon of 0.1-1.0 MeV Atoms with $5 < Z < 20$ ' <i>Kgl. Danske Videnskab. Selskab. Mat. Fys.Medd.</i> , 35, No. 10, 1-28 (1966) <i>Comment</i> : S. (80-900 keV) H, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar->C	1966-Fast
1967	Hastings, L. Ryall, P. R. VanWijngaarden, A. 'The Energy Loss of Heavy Ions in ZnS: Ag in the keV Range' <i>Can. J. Phys.</i> , 45, 2334-42 (1967) <i>Comment</i> : S. (5-100 keV) H, He, N, Ar, Kr -> ZnS:Ag	1967-Hast

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1967	Hastings, L. VanWijn garden, A. 'The Energy Loss, the Detoriation Depth and the Light Output for Heavy Ions in Zn:Zn' <i>Can. J. Phys.</i> , 45, 4039-51 (1967) <i>Comment</i> : S Rel. To P. 10-100 keV He, N, Ar, Kr -> ZnO:Zn	1967-Hast2
1968	Chu, W. K. Bourland, P. D. Wang, K. H. Powers, D. 'Range and dE/dx of C, N, O, F, and Ne in Be and C from 500 keV to 2 MeV' <i>Phys. Rev.</i> , 175, 342-53 (1968) <i>Comment</i> : S,R. (0.2-2.0) MeV C, N, O, F, Be; 0.2-1.5 MeV O -> C, 0.5-2.0 MeV Ne -> Be, C	1968-Chu
1968	Eisen, F. H. 'Channeling of Medium-Mass Ions through Silicon' <i>Can. J. Phys.</i> , 46, 561-72 (1968) <i>Comment</i> : 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 $6 \leq Z1 \leq 24$.' <i>Can. J. Phys.</i> , 46, 489-95 (1968) <i>Comment</i> : S. (100-1000 keV) C, N, O, Ne, N, Mg, P, S, Cl, Sc, Ca, Ti Al, Ar, K, Cr -> Air	1968-Fast
1968	Kleinfelder, W. J. Johnson, W. S. Gibbons, J. F. 'Impurity Distribution Profiles in Ion-Implanted Silicon' <i>Can. J. Phys.</i> , 46, 597-606 (1968) <i>Comment</i> : R, dR. 10-70 keV B, N, P, As -> Si (Cryst.)	1968-Klei
1968	Nakata, H. 'Ranges of Nitrogen Ions in Al, Ni, Ag, and Au' <i>Can. J. Phys.</i> , 46, 2765-69 (1968) (Erratum, <i>Can. J. Phys.</i> , 48, 1744 (1970)) <i>Comment</i> : S,R. 1-12 MeV 14N -> Al, Ni, Ag, Au. Ranges From Transmission Through Foil Stacks.	1968-Naka
1968	Ormrod, J. H. 'Low-Energy Electronic Stopping Cross Sections in Nitrogen and Argon' <i>Can. J. Phys.</i> , 46, 497-502 (1968) <i>Comment</i> : S. (5-200 keV) H, D, He, B, C, N, O, F, Ne -> N, Ar	1968-Ormr
1968	Roosild, S. Dolan, R. Buchanan, B. 'Semiconductor Doping by High Energy 1 - 2.5 MeV Ion Implantation.' <i>J. Electrochem. Soc.</i> , 115, 307-11 (1968) <i>Comment</i> : R, dR. 1-2.5 MeV B, 1-1.6 MeV N, 1 MeV P -> Si. Electrical Junction Measurements.	1968-Roos
1968	Schwuttke, G. H. Brack, K. Gardner, E. E. DeAngelis, H. M. 'High Energy Nitrogen Doping of Single-Crystal Silicon' "Radiation Effects in Semiconductors", Plenum Press, NY, 406-417 (1968) <i>Comment</i> : R. N (2 MeV) -> Si One of the earliest MeV implantation papers.	1968-Schw

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1968	Stephen, J. Smith, B. J. Hinder, G. W. Marshall, D. C. Wittam, E. M. 'Some Observations of High Energy Nitrogen Implantations in Silicon' <i>"Radiation Effects in Semiconductors"</i> , Plenum Press, NY, 489-494 (1968) <i>Comment</i> : R. N (3 MeV) -> Si One of the earliest MeV implantation papers.	1968-Step
1969	Bottiger, J. Bason, F. 'Energy Loss of Heavy Ions Along Low-Index Directions in Gold Single Crystals' <i>Rad. Effects, 2, 105-10 (1969)</i> <i>Comment</i> : 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 $1 \leq Z1 \leq 20$ at Energies from 10 to 120 keV' <i>Phys. Letters A, 28, 543-44 (1969)</i> <i>Comment</i> : 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	Narayanan, G. H. Spitzer, W. G. 'The Structural Characteristics of Radiation Damage Produced by High Energy (2.7 MeV) Ion Implantation in GaAs' <i>J. Matl. Sci., 13, 2418-2428 (1978)</i> <i>Comment</i> : R, dR. N, P (2.7 MeV) -> GaAs	1969-Nara
1969	Schwuttke, G. H. Brack, K. 'Annealing of High Energy Ion Implantation Damage in Single Crystal Silicon' <i>Trans. Metal. Soc. (AIME), 245, 475-481 (1969)</i> <i>Comment</i> : R. N (1.5-2.0 MeV) -> Si One of the earliest MeV implantation papers.	1969-Schw
1970	Bernstein, W. Cole, A. J. Wax, R. L. 'Penetration of 1-20 keV Ions through Thin Carbon Foils' <i>Nucl. Inst. Methods, 90, 325-28 (1970)</i> <i>Comment</i> : S. 1-20 keV H, O, He, Li, N, Ne, K -> C	1970-Bern
1970	Hogberg, G. Norden, H. Berry, H. G. 'Angular Distributions of ions Scattered in Thin Carbon Foils' <i>Nucl. Inst. Methods, 90, 283-288 (1970)</i> <i>Comment</i> : S. H, D, He, Li, N, Ne, Ar (3-45 keV) -> C Energy loss vs. Angular Effects.	1970-Hogb2
1970	Schwuttke, G. H. 'Crystal Properties as Influenced by Crystallographic Imperfections: High Energy Ion Implantation' <i>United States Air Force: AFCRL-70-0459 (1970)</i> <i>Comment</i> : R, dR. C, N, O (1.0-2.0 MeV) -> Si One of the earliest studies of MeV implantation into silicon.	1970-Schw

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Hogberg, G. 'Electronic and Nuclear Stopping Cross Sections in Carbon' <i>Phys. Stat. Sol. B, 48, 829-41 (1971)</i> <i>Comment : S. (10-46 keV) Li, B, N, C, O, F, Ne, Na, P, Ar -> C</i>	1971-Hogb
1971	Hvelplund, P. 'Energy Loss and Stragglng of 100-500 keV Atoms with Z_1 ó 12 in Various Gases' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 38, No. 4, P. 1-25 (1971)</i> <i>Comment : S,dS. (100-500 keV) He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> Air, He, Ne, H₂, O₂</i>	1971-Hvel
1971	Nakata, H. 'Analysis of Energy Loss Data for 0.2-0.5 MeV/amu p, alpha and N in Se' <i>Phys. Rev. B, 3, 2847 (1971)</i> <i>Comment : S. H, He, N (0.2-0.5 MeV) -> Se, Al, Ag</i>	1971-Naka
1972	Bjorkquist, K. Domeij, B. 'Stopping Power of C, N, and O Ions in Cr, Fe, Co, Ni, Cu, and Zn in the 1 MeV Region' <i>Rad. Effects, 13, 191-96 (1972)</i> <i>Comment : S. 0.5-2.0 MeV C, O, N -> Cr, Fe, Co, Ni, Cu, Zn</i>	1972-Bjor
1972	Hogberg, G. Skoog, R. 'Non-Evidence for Z_1 , Oscillations of the Nuclear Ion-Atom Interaction in an Amorphous Target' <i>Rad. Effects, 13, 197-202 (1972)</i> <i>Comment : S. 50 keV Li, B, C, N, O, F, Ne, Na, Mg, P, Ar -> C</i>	1972-Hogb
1972	Langley, R. A. 'Range-Energy Relations for N, Na, and Ar Ions (0.3 - 2.0 MeV) in Ar, N ₂ , O ₂ , and Air.' <i>Phys. Rev. A, 6, 1863-69 (1972)</i> <i>Comment : R. 0.3-2.0 MeV N, Na -> Air; 0.3-1.0 MeV Ar -> Air, N₂, O₂, Ar</i>	1972-Lang
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' <i>Phys. Letters A, 46, 29-30 (1973)</i> <i>Comment : S. Rel. To 60 keV P. 100, 200 keV N, Ne, Ar, Mn, Kr, Xe -> C</i>	1973-Carr
1973	Katz, R. Sharma, S. C. 'Response of Cells to Fast Neutrons, Stopped Pions and Heavy Ion Beams' <i>Nucl. Inst. Methods, 111, 93-116 (1973)</i> <i>Comment : S. Neutrons (14 MeV), N, O (330-3900 MeV) -> Spores, Yeast, Hamsters, Kidney Cells</i>	1973-Katz
1973	Kelley, J. G. Sellers, B. Hanser, F. A. 'Energy-Loss and Stopping Power Measurements Between 2 and 10 MeV/amu for ¹² C, ¹⁴ N, and ¹⁶ O in Silicon' <i>Phys. Rev. B, 8, 103-06 (1973)</i> <i>Comment : S. 24-120 MeV C, 28-140 MeV N, 32-160 MeV O -> Si (Cryst?)</i>	1973-Kell

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1973	Schimmerling, W. Vosburgh, K. G. Todd, P. W. 'Measurements of Range in Matter for Relativistic Heavy Ions' <i>Phys. Rev. B</i> , 7, 2895-99 (1973) <i>Comment</i> : R.(40-270 MeV) N, Ne, Ar -> Polyethylene, Polymethylacrylat, Al, Cu, Pb	1973-Schi
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' <i>Phys. Letters A</i> , 46, 477-78 (1974) <i>Comment</i> : S, dS. 1.15, 1.75 MeV H, 5.7 MeV N -> Si (Cryst.)	1974-Bulg
1974	Grob, J. J. Grob, A. Siffert, P. 'Evaluation of Heavy Ion Energy Losses in Silicon Due to a Channelling Phenomena' <i>Vide (France)</i> , 29, 374-9 (1974) <i>Comment</i> : S, dS. (400-1900 keV) N, Si -> Si	1974-Grob
1974	Hildebrandt, D. Muller-Jahreis, U. 'Electronic Retarding Cross Sections of Light Ions in GaSb' <i>Int. J. Mass Spectrom. and Ion Phys. (Netherlands)</i> , 13, 177-9 (1974) <i>Comment</i> : S. 10-100 keV H, He, Li, B, C, N, O, F, Ne -> GaSb	1974-Hild
1974	Nakata, H. 'Energy Loss of 1-10 MeV Nitrogen Ions in Antimony' <i>Phys. Rev. B</i> , 9, 4654-59 (1974) <i>Comment</i> : S. 1-10 MeV N -> Sb	1974-Naka
1974	Sidenius, G. 'Systematic Stopping Cross Section Measurements with Low Energy Ions in Gases' <i>Kgl. Danske Videnskab. Selskab. Mat. Fys.Medd.</i> , 39, No. 4, 1-32 (1974) <i>Comment</i> : 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	Bulgakov, Yu. V. Nikolaev, V. S. Shulga, V. I. 'Impact-Parameter Dependence of Inelastic Energy Losses for He and N Ions Channeled in Si' <i>Phys. Stat. Sol. A</i> , 31, 341-50 (1975) <i>Comment</i> : S, dS. 1.3, 6.6 MeV He, 4.4 MeV N -> Si (Cryst.)	1975-Bulg
1975	Efken, B. Hahn, D. Hilscher, D. Wustefeld 'Energy Loss and Energy Loss Straggling of N, Ne and Ar Ions in Thin Targets' <i>Nucl. Inst. Methods</i> , 129, 219-225 (1975). <i>Comment</i> : S, dS. (10-15 MeV) N, Ne, Ar -> N2, He, SFH, Ar, C, SF6,	1975-Efke
1975	Grob, J. J. Grob, A. Pape, A. Siffert, P. 'Energy Loss of Heavy Ions in Nuclear Collisions in Silicon' <i>Phys. Rev. B</i> , 11, 3274-79 (1975) <i>Comment</i> : S, dS, Eta(Epsilon). 0.3-2 MeV N, Si -> Si (Cryst.)	1975-Grob

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1975	Neshev, F. G. Puzanov, A. A. Shyshkin, K. S. Sirotinin, E. I. Tulinov, A. F. 'The Determination of Energy Losses of Nitrogen Ions from Backscattering Spectra' <i>Rad. Effects, 25, 271-73 (1975)</i> <i>Comment : S. 1.0-7.4 MeV N -> Ti, Ge, Ni, Ag, Au, W</i>	1975-Nesh
1975	Schwuttke, G. H. Brack, K. 'Annealing of High Energy Ion Implantation Damage in Single Crystal Silicon' <i>IBM (East Fishkill, NY) Technical Report TR-22.715 (1968)</i> <i>Comment : R. N(1.5-2.0 MeV) -> Si One of the earliest high-energy ion implantation papers.</i>	1975-Schw
1975	Sidenius, G. Andersen, N. 'Multiple Scattering of keV Ions' Lateral Distributions in Argon and Nitrogen' <i>Nucl. Inst. Methods, 131, 387-389 (1975)</i> <i>Comment : dR (lateral). (50-180 keV) H, He, N, Ne, Ar -> Ar, N, Xe</i>	1975-Side
1975	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Range, Distribution and Stopping Power of 800-keV 14N+ Ions Implanted in Metals from Z2 = 22 to Z2 = 32' <i>Phys. Rev. A, 12, 2383-92 (1975)</i> <i>Comment : R, dR, S. 800 keV N -> Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge</i>	1975-Simo
1975	Thompson, D. A. Johar, S. S. Shewchun, J. 'Nitrogen Implantation into GaP: Damage and Nitrogen Location Studies' <i>J. Elec. Mater., 4, 195-207 (1975).</i> <i>Comment : R. 40, 80 keV N -> GaP</i>	1975-Thom
1975	Tsai, J. C. C. Morabito, J. M. 'In-Depth Profile Detection Limits of Nitrogen in GaP and Nitrogen, Oxygen, and Fluorine in Si by SIMS and AES' <i>Ion Implantation in Semiconductors, Namba (ed.), Plenum, N. Y. P. 115-24 (1975)</i> <i>Comment : R, dR. 50 keV N -> GaP, Si; 50 keV O, F -> Si</i>	1975-Tsai
1976	Avdeichikov, V. V. Ganza, E. A. Lozhkin, O. V. 'Energy Resolution of Thin Semiconductor Delta-E Detectors for Alpha Particles and Heavy Ions' <i>Nucl. Inst. Methods, 131, 61-68 (1976)</i> <i>Comment : dS. (1-200 MeV) He, C, N, O, Ne, Ar -> Si</i>	1976-Avde
1976	Bednyakov, A. A. Bulgakov, Yu. V. Nikolaev, V. S. Sobakin, V. P. Popov, B. M. 'Stopping Power Distribution for Fast Helium and Nitrogen Ions Passing through Metal Films' <i>Zh. Eksp. Teor. Fiz., 68, 2067-74 (1975) [Engl. Trans. Sov. Phys. JETP, 41, 1034-37 (1976)]</i> <i>Comment : dS. 1.3 MeV He, 4.6 MeV N -> Al, Cu, Ag, Au</i>	1976-Bedn
1976	Grahmann, G. Kalbitzer, S. 'Nuclear and Electronic Stopping Powers of Low Energy Ions with Z <= 10 in Silicon' <i>Nucl. Inst. Methods, 132, 119-23 (1976)</i> <i>Comment : S. 2-60 keV H, He, B, C, N, Ne -> Si</i>	1976-Grah

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1976	Grob, A. Grob, J. J. Siffert, P. 'Energy Loss and Straggling of Heavy Ions by Nuclear Interactions in Silicon' <i>Nucl. Inst. Methods, 132, 273-79 (1976)</i> <i>Comment : S, dS, Eta(Epsilon). 300-2000 keV C, N, O, Ne, Si, S, Ar -> Si</i>	1976-Grob
1976	Hoffman, I. Jager, E. Muller-Jahreis, U. 'Z1-Dependence of Electronic Energy Straggling of Light Ions' <i>Rad. Effects, 31, 57 (1976)</i> <i>Comment : dS. 2 <= Z1 <= 10 (10-100 Kev) -> C, Si</i>	1976-Hoff
1976	Kachare, A. H. Spitzer, W. G. Fredrickson, J. E. Euler, F. K. 'Measurements of Layer Thicknesses and Refractive Indices in High Energy Ion Implanted GaAs and GaP' <i>J. Appl. Phys., 47, 5347-5381 (1976)</i> <i>Comment : R, N, P (3 MeV) -> GaAs, GaP</i>	1976-Kach
1976	L'Hoir, A. Cohen, C. Amsel, G. 'Experimental Study of the Stopping Power and Energy Straggling of MeV 4He, 12C, 14N and 16O Ions in Amorphous Aluminum Oxide' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 965-76 (1976)</i> <i>Comment : S, dS. 0.3-1.7 MeV He, 12C, 14N, 16O -> Al2O3</i>	1976-L
1976	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Unfolding Techniques for the Determination of Distribution Profiles from Resonance Reaction Gamma-Ray Yields' <i>O. Meyer, G. Linker, F. Kappeler (Ed.): Ion Beam Surface Layer Analysis. Plenum, N. Y., 851-61 (1976)</i> <i>Comment : R, dR. 800 keV N -> Z2 = 22-32, 40-42</i>	1976-Land
1976	Schimmerling, W. Vosburgh, K. G. Todd, P. W. Appleby, A. 'Apparatus and Dosimetry for High-Energy Heavy-Ion-Beam Irradiations' <i>Rad. Res., 65, 389-413 (1976)</i> <i>Comment : R. 3.9, 7.2 GeV N, 5.7 GeV Ne -> Si</i>	1976-Schi
1976	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Range Distributions and Electronic Stopping Powers of Energetic 14N+ Ions' <i>Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 703-709 (1976)</i> <i>Comment : S, R. 200 keV-1.6 MeV N -> Fe Ni Zr</i>	1976-Simo
1976	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Z2 Dependence of the Electronic Stopping Power of 800 keV 14N+ Ions in Targets from Carbon through Molybdenum' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 863-71 (1976)</i> <i>Comment : S. 800 keV N -> Z2 = 22-32, 40-42</i>	1976-Simo2

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Thieme, G. 'Bestimmung Des Elektronischen Energieverlustes von H ⁺ -, He ⁺ - und N ⁺ -Ionen in Gold Durch Vergleich von Messergebnissen Mit Monte-Carlo-Rechnungen' <i>Vakuum-Technik, 25, 5-12 (1976)</i> Comment : S. 40-110 keV H, He, N -> Au	1976-Thie
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' <i>Phys. Rev. Letters, 38, 1145-1148 (1977)</i> 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	Hirao, T. Inoue, K. Takayanagi, S. Yaegashi, Y. 'Depth Distribution of Knock-On Nitrogen in Si by Phosphorus Implantation through Si ₃ N ₄ Films' <i>Appl. Phys. Letters, 31, 505-508 (1977)</i> Comment : R. 100-220 keV P, N -> Si	1977-Hira
1977	Mertens, P. 'Energy Loss of Light 100 - 300 keV Ions in Thin Metal Foils' <i>Nucl. Inst. Methods, 149, 149-153 (1978)</i> 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	Ndocko-Ndongue, V. B. Pape, A. J. Armbruster, R. 'Low Energy Stopping Powers of Some Heavy Ions in Gold' <i>Rad. Effects, 33, 91-93 (1977)</i> 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' <i>Rad. Effects, 32, 169-175 (1977)</i> Comment : dS,R,dR. 10-80 keV H, He, Li, B, C, N, O, Ne -> Si	1977-Thom
1978	Dearnaley, G. Hartley, N. E. W. 'Ion Implantation into Metals and Carbides' <i>Thin Solid Films, 54, 215-232 (1978)</i> Comment : R, dR. 100 keV N -> Fe, 60 keV Cu -> Ti	1978-Dear
1978	Matthias, D. Samuel, B. Ann, T. 'Radiation Damage to Tissue Equivalent Gas from MeV Heavy Ions' <i>Biol. Res. Methods, A0, 26-34 (1978)</i> Comment : S. R. He,C, N, O (1-10 MeV) -> Tiss. Eq. Gas	1978-Matt2
1978	Rud, N. Bottiger, J. Jensen, P. S. 'Measurements of Energy-Loss Distributions for 6.5 MeV 15N in Solids.' <i>Nucl. Inst. Methods, 151, 247-252 (1978)</i> Comment : S, dS. 6.5 MeV 15N -> C, Al, Cu, Ge, Ag, Sn, Bi	1978-Rud

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Ullrich, B. M. Mayer, J. W. 'Straggling of MeV Ions in Osmium' <i>Boehm. Phys. Gess. J., 1, 478-489 (1978)</i> <i>Comment : S, dS. 2-50 MeV H, He, Li, Be, B, C, N, O -> Os</i>	1978-Ullr
1978	Vedmanov, G. D. Neshov, F. G. Puzanov, A. A. Urmanov, A. R. 'Determining Stopping Power from Spectra of Backscattered Ions' <i>Sov. Atom. Energy, 45, 989-991 (1978)</i> <i>Comment : S. N (0.75-7.4MeV) -> Fe, Ge, GaAs, FeGe2</i>	1978-Vedm
1979	Andrews, H. R. Lennard, W. N. Mitchell, I. V. Ward, D. Phillips, D. 'Low Energy Stopping Powers Determined by Time of Flight Techniques' <i>IEEE Trans. Nucl. Sci., NS-26, 1326-1330 (1979)</i> <i>Comment : S. (0.180 <vel.< 0.219 cm/ns) (6 <= Z1 <= 20)-> C, Al, Ni, Ag, Au</i>	1979-Andr
1979	Bayerl, P. Ryssel, H. Ramin, M. 'High Energy Implantation of Buried Insulating Layers' <i>Preprint (1979) 4</i> <i>Comment : R, dR. 0.05-5.0 MeV N -> Si</i>	1979-Baye
1979	Gloeckler, G. Hsieh, K. C. 'Time-of-Flight Technique for Particle Identification at Energies 2-400 keV/amu' <i>Nucl. Inst. Methods, 165, 537-544 (1979)</i> <i>Comment : S. H, He, C, N, Ne, Ar (3-100 keV/amu) -> C</i>	1979-Gloe
1979	Hubler, G. K. Malmberg, P. R. IiiSmith, T. P. 'Refractive Index Profiles and Range Distributions of Silicon Implanted with High-Energy Nitrogen' <i>J. Appl. Phys., 50, 7147-7155 (1979)</i> <i>Comment : R, dR. 0.67-3.17 MeV N -> Si</i>	1979-Hubl
1979	LoRusso, S. Mazzoldi, P. Scotoni, I. Tosello, C. Tosto, S. 'Effect of Nitrogen-Ion Implantation on the Unlubricated Sliding Wear of Steel' <i>Appl. Phys. Letters, 34, 627-629 (1979)</i> <i>Comment : R. 30 keV N -> Steel</i>	1979-LoRu
1979	Mertens, P. 'The Influence of the Polycrystalline Structure of Thin Copper Foils on the Energy Loss of Transmitted 300 keV Ions' <i>Thin Solid Films, 60, 313 (1979)</i> <i>Comment : S. N, Ne (300 keV) -> Cu (Channeling effects)</i>	1979-Mert3
1979	Muller, G. Trapp, M. Schimko, R. Richter, C. E. 'Measurement of Range Distributions of Zinc and Nitrogen Ions in Multiple-Layer Substrates with Secondary Ion Microprobe' <i>Phys. Stat. Sol. A, 51, 87-92 (1979)</i> <i>Comment : R, dR. 50-300 keV N, Zn -> SiO2-GaAs(1-X)P(X), SiO2-Si3N4</i>	1979-Mull

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Santry, D. C. Werner, R. D. 'Stopping Powers for Heavy Ions in Carbon over the Energy Region 200 to 2000 keV' <i>IEEE Trans. Nucl. Sci., NS-26, 1335-1337 (1979)</i> <i>Comment : S. 200-2000 keV He, Li, C, N, O -> C</i>	1979-Sant2
1979	Titov, A. I. Christodoulides, C. E. Carter, G. Nobes, M. J. 'The Depth Distribution of Disorder Produced by Room Temperature 40 keV N+ Ion Irradiation of Silicon' <i>Rad. Effects, 41, 107-111 (1979)</i> <i>Comment : R, dR. 40 keV N -> Si</i>	1979-Tito
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' <i>Can. J. Phys., 57, 645-656 (1979)</i> <i>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</i>	1979-Ward
1980	Hamm, R. N. Turner, J. E. Wright, H. A. Ritchie, R. H. 'Heavy-Ion Track Structure in Silicon' <i>Preprint (1980) 2</i> <i>Comment : R, dR. 800 keV N -> Z2 = 22-32, 40-42</i>	1980-Hamm
1980	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Preprint (1980) 1</i> <i>Comment : R, dR. 200-2000 keV N -> Fe, Ni, Zr</i>	1980-Land
1980	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 68-75 (1980)</i> <i>Comment : S,R,dR. 25-2000 keV N -> Fe, Ni, Zr, Au, Ti, V, Cr, Mn, Co, Ni, Cu, Zn, Ga, Ge, Nb, Mo, Tc, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te</i>	1980-Land2
1980	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 1, 68-75 (1980)</i> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1980-Land3
1980	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. Hirvonen, J. K. 'Range Distributions for 25-200 keV N-14 Ions' <i>Rad. Effects, 48, 105-108 (1980)</i> <i>Comment : R, dR. N (25-200 keV) -> Fe, Ni, Zr, Au</i>	1980-Land4

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	<p>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' <i>Phys. Med. Biol.</i>, 25 (3), 509-518 (1980)</p> <p><i>Comment</i> : S, H, He, C, N, O, Ar (25-375 keV) -> CH₄, CO₂, N₂ (ionization chamber)</p>	1980-Nguy
1980	<p>Sofield, C. J. Cowern, N. E. B. Freeman, J. M. 'Charge-Exchange Effects in Energy-Loss Straggling' <i>Nucl. Inst. Methods</i>, 170, 221-225 (1980)</p> <p><i>Comment</i> : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al</p>	1980-Sofi
1981	<p>Fukuda, A. 'Stopping Powers of a Tissue Equivalent Gas for 40-200 keV He and N' <i>Phys., Med. Biol.</i>, 26, 623-632 (1981)</p> <p><i>Comment</i> : S, He, N (40-200 keV) -> Tissue equivalent gas.</p>	1981-Fuku2
1982	<p>Fukuda, A. 'Stopping Powers of H₂, O₂, C₂H₄ for 40-200 keV He and N Ions' <i>Phys. Med. Biol.</i>, 27 (1), 73-39 (1982)</p> <p><i>Comment</i> : S, He, N (40-200 keV) -> H, O, C₂H₄ (gases)</p>	1982-Fuku
1982	<p>Mertens, P. Krist, Th. 'Energy Loss of 300 keV He and N in 150 to 800 Angstrom Carbon Foils' <i>Phys. Rev. B</i>, 25, 9, 5591-5597 (1982)</p> <p><i>Comment</i> : S, He, N (300 keV) -> C</p>	1982-Mert4
1982	<p>Schultz, F. Brandt, W. 'Effective Charge of Low Velocity Ions in Matter: A Comparison of Theoretical Predictions with Data Derived from Energy Loss Measurements' <i>Phys. Rev. B</i>, 26, 4864 (1982)</p> <p><i>Comment</i> : S, He, N, Ne, Ar (0.5-1.3 Vo) -> C, Al, Au</p>	1982-Schu
1983	<p>Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Z² Stopping Power Oscillations as Derived from Range Measurements' <i>Nucl. Inst. Methods</i>, 218, 817-820 (1983)</p> <p><i>Comment</i> : S, R, He, Li, B, N (50-1500 keV) -> Various Metals (V to Bi)</p>	1983-Fink
1983	<p>Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Nitrogen Depth Profiling using the N(n,p)C Reaction' <i>Nucl. Inst. Methods</i>, 218, 171-175 (1983)</p> <p><i>Comment</i> : R, N(1.5 MeV) -> Al, Si, Fe, Ni, Cu, Co, Ge, Zr, Nb, Mo, Sn, Pb</p>	1983-Fink2
1983	<p>Hautala, M. Paltemaa, R. Anttila, A. Luomajarvi, M. 'Ion Range Distributions in Oxides' <i>Nucl. Inst. Methods</i>, 209/210, 37-41 (1983)</p> <p><i>Comment</i> : R, N(20-100 keV) -> SiO₂, MoO₃, Ta₂O₅</p>	1983-Haut

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1983	Malherbe, J. B. 'Projected Range and Straggling Measurements of Low Energy Nitrogen in Silicon' <i>Rad. Effects, 70, 261-274 (1983)</i> <i>Comment : R, dR. N (0.25-2.5 keV) -> Si</i>	1983-Malh
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' <i>IEEE Trans. Nucl. Sci, NS-30, 1069-1073 (1983)</i> <i>Comment : S, H, He, N, O (1-3.6 MeV) -> C. Molecular energy loss differences.</i>	1983-Steu
1983	Wach, W. Wittmaack, K. 'Ranges of Low Energy Light Ions in Amorphous Silicon' <i>Phys. Rev. B, 27 (6), 3528-3537 (1983)</i> <i>Comment : R, dR. Li, B, N, O, F, Na, Mg, Al ((1-20 keV) -> Si</i>	1983-Wach
1983	Yalyshko, S. V. 'Stopping Cross Section of N-14 Ions in Aluminum at Energies up to 30 keV/amu' <i>Atom. Energy, 55, 112. English transl.: Sov. At. Energy, 55, 550-552 (1983)</i> <i>Comment : S. N (160-300 keV) -> Al</i>	1983-Yaly
1983	Yalyshko, S. V. Wedell, R. 'Stopping Power for N+ Ions with Energies from 160-440 keV in Aluminum' <i>Phys. Stat. Sol. B, 116, K47-50 (1983)</i> <i>Comment : S. N (160-440 keV) -> Al</i>	1983-Yaly2
1984	Malherbe, J. B. 'Implantation Parameters of Low Energy Nitrogen in Copper' <i>Nucl. Inst. Methods, B2, 774-778 (1984)</i> <i>Comment : R. N (0.25-2.5 keV) -> Cu</i>	1984-Malh
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' <i>J. Appl. Phys., 58, 668-676 (1985)</i> <i>Comment : R, H, He, Li, B, C, N, Bi (50-300 keV) -> AZ111, PMMA, Epoxy, C, Li, PMCN</i>	1985-Fink
1985	Kemmler, J. Koschar, P. Burkhard, M. Groeneveld, K. O. 'Wake Effects in the Stopping Power of Molecular Ions' <i>Nucl. Inst. Methods, B12, 62-66 (1985)</i> <i>Comment : S. N, N2 (1.0-1.8 MeV/amu) -> C</i>	1985-Kemm
1985	Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. 'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids' <i>Nucl. Inst. Methods, B10/11, 234-236 (1985)</i> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1985-Land

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1986	Bussmann, U. Hecking, N. Heidelmann, K. F. TeKaate, E. 'Ranges and Electronic Stopping Powers of 1-24 MeV C and N Ions in Si Targets from Optical Reflectivity Measurements on Bevelled Samples' <i>Nucl. Inst. Methods, B15, 105 (1986)</i>	1986-Buss
	<i>Comment : S,R. C, N (1-24 MeV) -> Si</i>	
1986	Mertens, P. Krist, Th. 'The Influence of Foil Inhomogeneities on the Angular Dependence of Experimental Stopping Cross Sections' <i>Nucl. Inst. Methods, B13, 95 (1986)</i>	1986-Mert3
	<i>Comment : S. H, He, N (300 keV) -> C (thickness effects)</i>	
1986	Steuer, M. F. 'Relative Stopping Powers for Atomic and Molecular Ions in Carbon' <i>Nucl. Inst. Methods, B13, 137-140 (1986)</i>	1986-Steu
	<i>Comment : S. N, N2 (71 keV/amu) -> C</i>	
1987	Raisanen, J. Rauhala, E. 'Nitrogen Ion Energy Loss in Havar, Nickel, Kapton and Mylar Foils' <i>Phys. Rev. B, 35 (3), 1426-1428 (1987)</i>	1987-Rais2
	<i>Comment : S. N (6.1-16.9 MeV) -> Ni, Havar, Kapton, Mylar</i>	
1988	Bednyakov, A. A. Nikolaev, V. S. Sobakin, V. P. 'The Penetration of Nitrogen and Oxygen Ions with Energy of 30-330 keV/amu through Metallic Films: Energy Loss, Multiple Scattering and Effective Charge' <i>All-Union Institute of Scientific and Technical Information, deposit # VINITI-5526-B88, Moscow (1988)</i>	1988-Bedn
	<i>Comment : S, dS. N, O (30-330 keV/amu) -> Al, Cu, Ag, Au</i>	
1988	Kuronen, A. Raisanen, J. Keinonen, J. Tikkanen, P. Rauhala, E. 'Electronic Stopping Power for Li, B, C, N, O at Energies 0.4-2.1 MeV/amu in Ta and Au, and for C at energies 0.4-1.4 MeV/amu in 18 elemental solids' <i>Nucl. Inst. Methods, B35, 1-6 (1988)</i>	1988-Kuro
	<i>Comment : S. Li, B, C, N, O (0.4-2.1 MeV/amu) -> Ta, Au</i>	
1988	Wilson, R. G. '(111) Random and (110) Channeling Implantation Profiles and Range Parameters in HgCdTe' <i>J. Appl. Phys., 63, 5302-5311 (1988)</i>	1988-Wils
	<i>Comment : R, dR. 45 Ions (H to Ta) at 100-700 keV -> HgCdTe</i>	
1988	Wilson, R. G. 'Ion Implantation and SIMS Profiling of Impurities in II-VI Materials HgCdTe and CdTe' <i>J. Crystal Growth, 86, 735-743 (1988)</i>	1988-Wils2
	<i>Comment : R, dR. 52 Ions (H-Hg) at 100-700 keV -> CdTe, HgCdTe</i>	

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1989	Weiser, M. Oberschachtsiek, P. Gunzler, R. Schule, V. Kalbitzer, S. 'Experimental and Calculated Range Moments of Deep Implants' <i>Mater. Sci. Eng., B2, 55-61 (1989)</i> <i>Comment : R. H, N, I, Au (.2-5 MeV) -> Si Range distributions/moments.</i>	1989-Weis
1990	Blank, B. Gaimard, J. J. Geissel, H. Munzenberg, G. Schmidt, K. H. 'Energy Loss Measurements with Heavy Ions at Relativistic Energies' <i>Nucl. Inst. Methods, B51, 85-88 (1990)</i> <i>Comment : S. Ar, P, N, Li (130-401 MeV/amu) -> C, Al, Pb</i>	1990-Blan
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' <i>Appl. Rad. Isotopes (UK), 41, 497-500 (1990)</i> <i>Comment : R. C, N, O, Ne, Si, Fe, Ni (6-9 MeV/amu) -> CR-39, Lexan</i>	1990-Kuma
1990	Raisanen, J. Rauhala, E. 'Stopping Powers and Energy Loss of Mylar, Kapton, Havar and Ni for 10 Ions (Z= 3-17) in the Energy Range 0.2-2.1 MeV/amu' <i>Phys. Rev. B, 41, 3951-3958 (1990)</i> <i>Comment : S. B, C, N, O, Al, Si, P, Cl (0.2-2.1 MeV/amu) -> Mylar, Kapton, Havar, Ni</i>	1990-Rais
1990	Rauhala, E. Raisanen, J. 'Stopping Powers of Li, B, C, O Ions in C16H14O3 Polycarbonate' <i>Phys. Rev. B, 42, 3877-3880 (1990)</i> <i>Comment : S. Li, B, C, N, O (0.5-2.1 MeV/amu) -> Polycarbonate</i>	1990-Rauh
1991	Bentini, G. G. Bianconi, M. Nipoti, R. Malaguti, F. Verondini, E. 'Random and Channeling Stopping Power of Nitrogen in Silicon in the 700-1500 keV Range' <i>Nucl. Inst. Methods, B53, 1-6 (1991)</i> <i>Comment : S. N(0.7-2.0 MeV) -> Si (random and channeled)</i>	1991-Bent
1991	Kimura, K. 'Track-Depth Resolved Luminescence of 5 MeV/amu N Ions Injected into Near-Liquid and Liquid Helium' <i>Nucl. Inst. Methods, B53, 301-308 (1991)</i> <i>Comment : S,R. N(5 MeV/amu) -> He (gas and liquid)</i>	1991-Kimu
1991	Kuronen, A. 'A Study of Stopping Power using Nuclear Methods' <i>Comm. Physico-Math. (Finland), 122, 1-36 (1991)</i> <i>Comment : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)</i>	1991-Kuro
1991	Price, J. L. Stern, S. H. Simons, D. G. Land, D. J. Brennan, J. G. 'Stopping Powers for 400-2400 keV N Ions in He and Ar' <i>Nucl. Inst. Methods, B56/57, 348-357 (1991)</i> <i>Comment : S. N (0.4-2.4 MeV) -> He, Ar</i>	1991-Pric

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1991	Raisanen, J. Rauhala, E. Bjornberg, M. Kiss, A. Z. Dominguez, J. 'Stopping Powers of Al and Sn for He, Li, B, C, N and O Ions in the Energy Range 0.5-2.6 MeV/amu' <i>Rad. Effects, 118 (2), 97-103 (1991)</i> <i>Comment : S. He, Li, B, C, N, O (0.5-2.6 MeV/amu) -> Al, Sn</i>	1991-Rais
1991	Santry, D. C. Werner, R. D. 'Measured Stopping Powers of C-12 and N-14 Ions in Thin Elemental Foils' <i>Nucl. Inst. Methods, B53, 7-14 (1991)</i> <i>Comment : S. C, N (0.2-2.0 MeV) -> Be, C, Al, Si, Ne, Ag, Au</i>	1991-Sant
1992	Briere, M. A. Biersack, J. P. 'Energy Loss Straggling of MeV Ions in Thin Solid Films' <i>Nucl. Inst. Methods, B64, 693-700 (1992)</i> <i>Comment : S, dS. N-15 (0.5 MeV/amu) -> Various solids</i>	1992-Brie
1992	Deutsch, C. Tahir, N. A. 'Fragmentation and Stopping of Heavy Cluster Ions in a Lithium Target- Application to Target Implosion' <i>Phys. Fluids B, 4, 3735-3745 (1992)</i> <i>Comment : S. N(cluster at 20 keV/amu) -> H, D, T (solids)</i>	1992-Deut
1992	Gunzler, R. Weiser, M. Kalbitzer, S. '3-D Concentration Distributions of Ion Implants' <i>Nucl. Inst. Methods, B62, 350-355 (1992)</i> <i>Comment : R. H, N, Si (.1-6 MeV) -> Ge. 3-D profiles.</i>	1992-Gunz
1992	Rauhala, E. Raisanen, J. Fulop, Zs. Kiss, A. Z. Hunyadi, I. 'Slowing Down of Light Ions in LR-115 Nuclear Track Material' <i>Nucl. Tracks Rad. Meas. (UK), 20, 611-614 (1992)</i> <i>Comment : S. H, He, Li, B, C, N, O (0.3-4.3 MeV/amu) -> LR-115 (nuclear track material)</i>	1992-Rauh
1993	Abdesselam, M. Stoquert, J. P. Hage-Ali, M. Grob, J. J. Siffert, P. 'C-12, N15 and O-16 Stopping Powers between 0.5-3.4 MeV in Solid Targets' <i>Nucl. Inst. Methods, B73, 115-122 (1993)</i> <i>Comment : S. C, N, O (0.5-3.4 MeV) -> Al, Cu, Ag and Au</i>	1993-Abde
1993	Bentini, G. G. Bianconi, M. Nipoti, R. 'Energy Loss and Equilibrium Charge Distribution of Nitrogen Ions Transmitted through Thin Silicon Crystals' <i>Nucl. Inst. Methods, B80/81, 33-36 (1993)</i> <i>Comment : S. N (1.0-1.8 MeV) -> Si (random, channeled)</i>	1993-Bent
1993	Price, J. L. Simons, D. G. Stern, S. H. Land, D. J. Guardala, N. A. 'Stopping Powers of the Noble Gases for 0.3-10.0 MeV Nitrogen Ions' <i>Phys. Rev. A, 47, 2913-2918 (1993)</i> <i>Comment : S. N (0.3-10.0 MeV) -> He, Ne, Ar, Kr, Xe</i>	1993-Pric

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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' <i>Rad. Meas. (UK), 23, 749-752 (1994)</i> <i>Comment : S. Z=1-14 (0.25-2.8 MeV/amu) -> CR-39</i>	1994-Rais2
1994	Rauhala, E. Raisanen, J. 'Stopping Powers of Solid Hydrogen, Carbon and Oxygen for 0.5-2.1 MeV/amu Li-7, B-11, C-12, N-14 and O-16' <i>Nucl. Inst. Methods, B93, 399-403 (1994)</i> <i>Comment : S. Li, B, C, N, O (0.5-2.1 MeV/amu) -> Solid H, C, O</i>	1994-Rauh
1995	Ahlgren, T. Vakevainen, K. Raisanen, J. Rauhala, E. Keinonen, J. 'Range Profiles of 6-10 MeV Nitrogen Ions Implanted in Silicon' <i>Appl., Surf. Sci., 90, 419-423 (1995)</i> <i>Comment : R. N (6-10 MeV) -> Si</i>	1995-Ahlg
1995	Kuzmin, L. E. Kazantsev, A. M. 'Heavy Ion Energy Straggling Determination using the BEAM EXPERT Integrated Environment' <i>Bull. Lebedev Phys.(USA), 10, 23-27 (1995)</i> <i>Comment : dS. N (0.6-0.8 MeV) -> Au, Si</i>	1995-Kuzm
1996	Fukuda, A. 'Stopping Powers of the Rare Gases for 50-200 keV N+ Ions' <i>J. Phys. B, 29, 3717-3725 (1996)</i> <i>Comment : S. N (50-200 keV) -> He, Ne, Ar, Kr, Xe,</i>	1996-Fuku
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' <i>Nucl. Inst. Methods, B115, 315-318 (1996)</i> <i>Comment : S. Channeling of ions He to Kr in Si <110></i>	1996-Gelf
1996	Goppelt-Langer, P. Yamamoto, S. Aoki, Y. Takeshita, H. Naramoto, H. 'Stopping Powers and Straggling of N-15 Ions for Nuclear Reaction Analysis at 6.385 MeV' <i>Nucl. Inst. Methods, B118, 7-10 (1996)</i> <i>Comment : S, dS. N (6.4 MeV) -> H, Si, Nb</i>	1996-Gopp
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' <i>Nucl. Inst. Methods, 118, 11-18 (1996)</i> <i>Comment : S. H, He, N (.02-1.0 MeV/amu) -> Si</i>	1996-Niem

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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' <i>Nucl. Inst. Methods, B125, 120-123 (1997)</i> <i>Comment : S. Li, N, Ne (100 keV) -> Ta2O5</i>	1997-Moon
1999	Angulo, C. Delbar, T. Graulich, J. S. Leleus, P. 'Stopping Power Measurements: Implications in Nuclear Astrophysics' <i>AIP Conf. Proc., 495, 381-384 (1999)</i> <i>Comment : S. Be, B, C, N, O, F, Ne (1 MeV/u) -> C, Al, Ni, Ch2, PVC</i>	1999-Angu
1999	Jiang, W. Grotzschel, W. Pilz, W. Schmidt, B Moller, W. 'Random and Channeling Stopping Powers and Charge State Distribtuions in Silicon for 0.2 - 1.2 MeV/u Positive Heavy Ions' <i>Phys. Rev. B, 59, 226-234 (1999)</i> <i>Comment : S. Li, B, C, N, O, P, Cl (0.2 - 1.2 MeV/u) -> Si</i>	1999-Jian
2000	Angulo, C. Delbar, Th. Graulich, J.-S. Leleux, P. 'Stopping Powers of Ions at 1 MeV per Nucleon' <i>Nucl. Instl. Methods, V170, 21-27 (2000)</i> <i>Comment : S. Be, B, C, N, O, F, Ne (1 MeV/u) -> C, Al, Ni, CH2, PVC</i>	2000-Angu
2001	Diwan, P. K. Sharma, A. Kumar, S. 'Stopping Power for Heavy Ions ($2 < Z1 < 36$) in Solids at Energies about 0.5-2.5 MeV/u' <i>Nucl. Inst. Methods, B174, 267-273 (2001)</i> <i>Comment : S. Li, B, N, F, Na, Mg (0.5 - 2.5 MeV/u) -> Pd, Gd, Lu, Ta, Au, Ni, Cr39, CR-39, Mylar, Kapton, LR-115, Havar, Polycarbonate</i>	2001-Diwa
2001	Zhang, Y. Possnert, G. Whitlow, H. J. 'Measurements of the Mean Energy-Loss of Swift Heavy Ions in Carbon with High Precision' <i>Nucl. Inst. Methods, B183, 34-37 (2001)</i> <i>Comment : S. Li, Be, B, C, N, O, F, Na, Mg, Al, Si, Cr, Mn, Fe (100 - 800 keV/u) -> C</i>	2001-Zhan
2002	Whitlow, H. J. Timmers, H. Elliman, R. G. Weijers, T. D. Zhang, Y. 'Measurement and Uncertianties of Energy Loss in Silicon over a Wide Z1 Range using Time-of-Flight Detector Telescopes' <i>Nucl. Inst. Methods, B195, 133-146 (2002)</i> <i>Comment : S. Li, Be, B, C, N, O, F, Na, Mg, Al, Si, P, Mn, Fe -> Si</i>	2002-Whit2
2002	Zhang, Y. 'High-Precision Measurement of Electronic Stopping Powers for Heavy Ions using High-Resolution Time-of-Flight Spectrometry' <i>Nucl. Inst. Methods, B196, 1-15 (2002)</i> <i>Comment : S. Stopping of 18 Heavy Ions into C, Al and Au Targets</i>	2002-Zhan

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2003	Diwan, P.K. Kumar, S. Sharma, V. Sharma, S.K. Mittal, V.K. 'Slowing down of MeV heavy ions with Z=6-29 in PEN (C7H5O2) ' <i>Nucl. Instrum. Methods Phys.Res. B201,389 (2003)</i> <i>Comment : S. C - Cu (0.5 - 2.5 MeV/n) C7H5O2</i>	2003-Diwa
2003	Zhang, Yanwen Weber, W. J. 'Electronic stopping of He, B, N, and Al in SiC' <i>Appl. Phys. Lett. 83, 1665 (2003)</i> <i>Comment : S. He, B, N, Al (0.5 -0.6 MeV/n) -> SiC</i>	2003-Zha2
2004	Janson, M.S. Linnarsson, M.K. Hallen, A Svensson, B.G. 'Electronic stopping cross sections in silicon carbide for low-velocity ions with $1 \leq Z_1 \leq 15$ ' <i>J. Appl. Phys. 96, 164 (2004)</i> <i>Comment : S. H - P (1.5-300 keV) ->SiC</i>	2004-Jans
2004	Li, M. M. O'Connor, D. J. Timmers, H. 'A Study of the Charge State Approach to the Stopping Power of MeV B, N and O Ions in Carbon' <i>Nucl. Inst. Methods, B222, 11-18 (2004)</i> <i>Comment : S. B, N, O -> C</i>	2004-Li
2004	Timmers, H. Stenstrom, K. Graczyk, M. Whitlow, H. J. 'Energy Loss Measurements for Mass-14 Ions using a Patterned Stopping Medium on a PIN Diode' <i>Nucl. Inst. Methods, B219-220, 263,267 (2004)</i> <i>Comment : S. C, N -> Au</i>	2004-Timm
2004	Zhang, Y. Weber, W. Whitlow, H. J. 'Electronic Stopping Powers for Heavy Ions in Silicon' <i>Nucl. Inst. Methods, B215, 48-56 (2004)</i> <i>Comment : S. 14 light ions (Be-Cu) -> Si</i>	2004-Zha3
2005	Zhang, Yanwen Weber, W. J. McCready, D.E. Grove, D.A. Jensen, J. 'Experimental determination of electronic stopping for ions in silicon dioxide' <i>Appl. Phys. Lett. 87, 104103 (2005)</i> <i>Comment : S. Be - Si (0.05 - 1.3 MeV/n) -> SiO2</i>	2005-Zha2
2006	Weijers-Dall, T. D. Timmers, H. Stenstrom, K. Persson, P. Pergjegaj, A. 'Measurements of the Stopping Forces for Heavy Ions in Ge, Ag and Au using Novel "Polka-Dot" Detectors' <i>Nucl. Inst. Methods, B251, 352,360 (2006)</i> <i>Comment : S. C, N, O -> Ge, Ag, Au</i>	2006-Weij

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2007	Yu, Y.C. Hsu, J.Y. Chen, K.M. 'Energy loss in polycarbonate and polyethylene terephthalate by 2.0-6.5 MeV 14N, 31P and 75As ions' <i>Nucl. Instrum. Methods B 261 (2007) 1184 (2007)</i> <i>Comment : S. N (2-6 MeV), P (3.0-6.5 MeV), As (3.0-6.5 MeV) -> polycarbonate, polyethylene terephthalate</i>	2007-Yu
