

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1952	Mills, R. G. 'A Cloud Chamber Investigation of Low Energy Range-Energy Relations' <i>UCRL Rpt. 1815, 1-89 (1952)</i> <i>Comment : R. 50-250 keV H, 100-360 keV He, 30-110 keV O -> He, O2, H2O</i>	1952-Mill
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	Oganesyan, Yu. T. 'Range Energy Dependence of C12, C14, O16 in Aluminum, Copper and Gold in the Energy Interval from 50 to 110 MeV' <i>Zh. Eksp. Teor. Fiz., 36, 936-37 (1959) [Engl. Trans. Sov. Phys., JETP, 9, 661-62 (1959)]</i> <i>Comment : R. 50-110 MeV 12C, 14C, 16O -> Al, Cu, Au.</i>	1959-Ogan
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., 117, 544-56 (1960)</i> <i>Comment : R. (0.6-330 MeV) H, C, N, O, Ne, Ar -> Emulsion</i>	1960-Heck
1960	Northcliffe, L. C. 'Energy Loss and Effective Charge of Heavy Ions in Aluminum' <i>Phys. Rev., 120, 1744-57 (1960)</i> <i>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.</i>	1960-Nort
1960	Roll, P. G. Steigert, F. E. 'Energy Loss of Heavy Ions in Nickel, Oxygen and Nuclear Emulsion' <i>Nucl. Phys., 17, 54-66 (1960)</i> <i>Comment : S. He, B, C, N, O, F, Ne (2-10 MeV/amu) -> O, Ni, Emulsion</i>	1960-Roll
1960	Roll, P. G. Steigert, F. E. 'Characteristics of Heavy Ion Tracks in Nuclear Emulsion' <i>Nucl. Phys., 16, 534-44 (1960)</i> <i>Comment : R. (2-200 MeV) He, B, C, N, O, F, Ne -> Emulsion</i>	1960-Roll2
1960	Schambra, P. E. Rauth, A. M. Northcliffe, L. C. 'Energy Loss Measurements for Heavy Ions in Mylar and Polythene' <i>Phys. Rev., 120, 1758-61 (1960)</i> <i>Comment : S. 12-120 MeV C, 16-160 MeV O, 20-200 MeV Ne -> Mylar, Polyethylene</i>	1960-Scha

Citations for Ion :

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' <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	Porat, D. I. Ramavataram, K. 'The Energy Loss and Ranges of Carbon and Oxygen Ions in Solids' <i>Proc. Phys. Soc.</i> , 77, 97-102 (1961) <i>Comment</i> : S. 0.36 - 3.2 MeV O, C -> C, Al, Ni, Ag, Au	1961-Pora
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-Tepl
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
1965	Andreen, C. J. Hines, R. L. 'Channeling of 13 keV O+ Ions in Gold Crystals' <i>Phys. Letters</i> , 19, 116-18 (1965) <i>Comment</i> : S. 13 keV O -> Au (Cryst.)	1965-Andr
1965	Booth, W. Grant, I. S. 'The Energy Loss of Oxygen and Chlorine Ions in Solids' <i>Nucl. Phys.</i> , 63, 481-95 (1965) <i>Comment</i> : S. 2-24 MeV O, 4-40 MeV Cl -> C, Al, Ni, Ag, Au	1965-Boot
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
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' <i>Z. Naturforschg.</i> 21A, 130-34 (1966) <i>Comment</i> : S. (12-140 keV) H, D, He, Li, B, C, N, O, F, Ne, Na -> B	1966-Macd
1968	Armitage, B. H. Hooton, B. W. 'Energy Loss of Oxygen and Sulphur Ions in Matter' <i>Nucl. Inst. Methods</i> , 58, 29-35 (1968) <i>Comment</i> : S. 10-30 MeV O, 19-40 MeV S -> Ag, Au	1968-Armi
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 $6 \leq Z \leq 24$ ' <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	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
1969	Macdonald, J. R. Sidenius, G. 'The Total Ionization in Methane of Ions with $1 \leq Z \leq 20$ at Energies from 10 to 120 keV' <i>Phys. Letters A</i> , 28, 543-44 (1969) <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
1970	Bernstein, W. Cole, A. J. Wax, R. L. 'Penetration of 1-20 keV Ions through Thin Carbon Foils' <i>Nucl. Inst. Methods</i> , 90, 325-28 (1970) <i>Comment</i> : S. 1-20 keV H, O, He, Li, N, Ne, K -> C	1970-Bern

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1970	Santry, D. C. Sitter, C. W. 'Range and Retention Studies of 40-keV Ions in Solids, in H' <i>Wagner, W. Walcher (Ed.) Proc. Int. Conf. Elmag. Isotope Separators and Their Techniques. Marburg, P. 505-24 (1970)</i> <i>Comment : R, dR. 40 keV C, O, P, Co, Tl, Na, P, Co, Zn, Se, Kr, Hf, Cs, Ag, I, Xe -> Au, W, WO3</i>	1970-Sant
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 : R, dR. C, N, O (1.0-2.0 MeV) -> Si One of the earliest studies of MeV implantation into silicon.</i>	1970-Schw
1970	Stein, H. J. Vook, F. L. Borders, J. A. 'Depth Distribution of Divacancies in 400-keV O+ Ion-Implanted Silicon' <i>Appl. Phys. Letters, 16, 106-108 (1970)</i> <i>Comment : R. 400 keV O -> Si</i>	1970-Stei
1971	Appleton, B. R. Datz, S. Moak, C. D. Robinson, M. T. 'Energy-Loss Spectra of Channeled Iodine and Oxygen Atoms in Gold' <i>Phys. Rev. B, 4, 1452-57 (1971)</i> <i>Comment : S, dS. 15, 21.6 MeV 127I, 10 MeV 16O -> Au (Cryst.)</i>	1971-Appl
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 Straggling of 100-500 keV Atoms with Z_1 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
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1972	Ward, D. Graham, R. L. Geiger, J. S. 'Measurement of Stopping Power for 4He, 16O and 35Cl Ions at =1 to =3 MeV Per Nucleon in Ni, Ge, Y, Ag, and Au' <i>Can. J. Phys.</i> , 50, 2302-12 (1972) <i>Comment</i> : S. 3-15 MeV He, 8-66 MeV O, 10-90 MeV 35Cl -> Ni, Ge, Y, Ag, Au	1972-Ward
1973	Katz, R. Sharma, S. C. 'Response of Cells to Fast Neutrons, Stopped Pions and Heavy Ion Beams' <i>Nucl. Inst. Methods</i> , 111, 93-116 (1973) <i>Comment</i> : S. Neutrons (14 MeV), N, O (330-3900 MeV) -> Spores, Yeast, Hamsters, Kidney Cells	1973-Katz
1973	Kelley, J. G. Sellers, B. Hanser, F. A. 'Energy-Loss and Stopping Power Measurements Between 2 and 10 MeV/amu for 12C, 14N, and 16O in Silicon' <i>Phys. Rev. B</i> , 8, 103-06 (1973) <i>Comment</i> : S. 24-120 MeV C, 28-140 MeV N, 32-160 MeV O -> Si (Cryst?)	1973-Kell
1973	Lewis, R. K. Morabito, J. M. Tsai, J. C. C. 'Primary Oxygen Ion Implantation Effects on Depth Profiles by Secondary Ion Emmision Mass Spectrometry' <i>Appl. Phys. Letters</i> , 23, 260-261 (1973) <i>Comment</i> : R. 4.5 keV O, Ar -> Si	1973-Lewi
1973	Muga, L. Griffith, G. 'Double Valuedness of Specific Luminescence as a Function of Stopping Power' <i>Phys. Rev. B</i> , 8, 4069-71 (1973) <i>Comment</i> : S. 16O (1-55 MeV) -> Plastic Ne-102 Scintillators	1973-Muga
1974	EerNisse, E. P. 'Compaction of Ion Implanted Fused Silica' <i>J. Appl. Phys.</i> , 45, 167-174 (1974) <i>Comment</i> : R. H, He, O, Ne, Ar (150-300 keV) -> SiO2 One of the earliest SiO2 compaction studies.	1974-EerN
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	Kamitsubo, H. 'Heavy Ion Science' <i>Oyo Buturi (Japan)</i> , 43, 1019-28 (1974) <i>Comment</i> : S, dS. H, He, C, O, Ar, Xe (1, 10 MeV/amu) -> H2O	1974-Kami
1974	Moak, C. D. Datz, S. Appleton, B. R. Biggerstaff, J. A. Brown, M. D. 'Influence of Ionic Charge State on the Stopping Power of 27.8 and 40 MeV Oxygen Ions in the [011] Channel of Silver.' <i>Phys. Rev. B</i> , 10, 2681-86 (1974) <i>Comment</i> : S. Fixed Charge State. 27.8, 40.0 MeV O -> Ag (Cryst.)	1974-Moak

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Schmidt-Bocking, H. Ruhle, G. Bethge, K. 'The Determination of the Differential Energy Loss of Heavy Ions Backscattered from an Infinitely Thick Solid Target' <i>Nucl. Inst. Methods, 118, 357-60 (1974)</i> <i>Comment : S. 7-35 MeV 16O -> Ni, Au</i>	1974-Schm2
1974	Sidenius, G. 'Systematic Stopping Cross Section Measurements with Low Energy Ions in Gases' <i>Kgl. Danske Videnskab. Selskab. Mat. Fys.Medd., 39, No. 4, 1-32 (1974)</i> <i>Comment : S. 0.6-70 keV H, He, 2-120 keV 6Li, 7Li, 3-120 keV Be, B, C, N, O, F, Ne -> CH4</i>	1974-Side
1975	Datz, S. Appleton, B. R. Biggerstaff, J. A. Brown, M. D. Krause, H. F. 'Charge State Dependence of Stopping Power for Oxygen Ions Channeled in Silver' <i>Datz, B. R. Appleton, C. D. Moak (Ed.): Atomic Collisions in Solids. Plenum N. Y., 63-73 (1975)</i> <i>Comment : S,dS. 27.8-40.0 MeV O -> Ag (Cryst.) Charge State Dep.</i>	1975-Datz
1975	Gibson, W. M. Laubert, R. Wegner, H. E. 'Energy Loss of O- and O-2 Beams in Thin Carbon and Nickel Foils' <i>Bull. Am. Phys. Soc., 20, 619 (1975)</i> <i>Comment : S. 2.9 MeV O-, 5.8MeV O2- -> C, Ni</i>	1975-Gibs
1975	Schmidt-Bocking, H. Ruhle, G. Bethge, V. 'A New Method to Determine the Energy Loss of Heavy Ions in Solids' <i>Atomic Collisions in Solids, 77-83, Plenum Press (1975)</i> <i>Comment : S. 7-38 MeV 16O -> Au; 9-30 MeV 32S -> Au; 8-30 MeV 16O, 19F -> Ni</i>	1975-Schm2
1975	Shehata, M. T. Kelly, R. 'The Formation and Structure of Anodic Films on Beryllium' <i>J. Electrochem. Soc., 122, 1359-65 (1975)</i> <i>Comment : R. dR, 30 keV O -> Be</i>	1975-Sheh
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	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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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	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	Tape, J. W. Gibson, W. M. Remillieux, J. Laubert, R. Wegner, H. E. 'Energy Loss of Atomic and Molecular Ion Beams in Thin Foils' <i>Nucl. Inst. Methods, 132, 75-77 (1976)</i> <i>Comment : S. 0.3-1.0 MeV/Atom H+, H2+; 1.6-2.9 MeV/Atom O-, O2- -> C</i>	1976-Tape
1977	Chau, E. K. L. Brown, R. B. Lodhi, A. S. Powers, D. Matteson, S. 'Stopping Cross Sections of Oxygen for 0.3 - 2.0 MeV Alpha Particles in Saturated Alcohols and Ethers.' <i>Phys. Rev. A, 16, 1407-1414 (1977)</i> <i>Comment : S. 0.3-2.0 MeV O -> CH3OH, C2H5OH, C3H7OH, (CH3)2O, (C2H5)2O</i>	1977-Chau
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> <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]</i>	1977-Datz
1977	Mertens, P. 'Energy Loss of Light 100 - 300 keV Ions in Thin Metal Foils' <i>Nucl. Inst. Methods, 149, 149-153 (1978)</i> <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</i>	1977-Mert
1977	Meyer, M. Dolin, C. Talon, R. Zacharis, C. 'Implantation of 18O+ Ions in Copper Single Crystals: Determination of the Stopping Power for Channelled Oxygen Ions' <i>J. Phys. C, 10, 2039-2046 (1977)</i> <i>Comment : S. 11-43 keV 18O -> Cu</i>	1977-Meye
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> <i>Comment : S. 50-500 keV 4He, 12C, 14N, 16O, 20Ne, 28Si, 40Ar -> Au</i>	1977-Ndoc

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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> <i>Comment : dS,R,dR. 10-80 keV H, He, Li, B, C, N, O, Ne -> Si</i>	1977-Thom
1978	Bimbot, R. DellaNegra, S. Gardes, D. Gauvin, H. Fleury, A. 'Stopping Power Measurements for 4-5 MeV/Nucleon ¹⁶ O, ⁴⁰ Ar, ⁶³ Cu, and ⁸⁴ Kr in C, Al, Ni, Ag, and Au' <i>Nucl. Inst. Methods, 153, 161-169 (1978)</i> <i>Comment : S. 4-5 MeV/amu ¹⁶O, ⁴⁰Ar, ⁶³Cu, ⁸⁴Kr -> C, Al, Ni, Ag, Au</i>	1978-Bimb
1978	Bottiger, J. 'A Review on Depth Profiling of Hydrogen and Helium Isotopes Within the Near-Surface Region of Solids by Use of Ion Beams' <i>J. Nucl. Mater., 78, 161-181 (1978)</i> <i>Comment : R, dR. 10 MeV ¹⁶O, 30 MeV ³⁵Cl, 40 MeV ⁷⁹Br -> Ni</i>	1978-Bott
1978	Gill, S. S. Wilson, I. H. 'Rutherford Backscattering Analysis of Oxide Layers Formed by Ion Implantation into Single-Crystal Silicon' <i>Thin Solid Films, 55, 435-448 (1978)</i> <i>Comment : R, dR. 40, 60 keV O -> Si</i>	1978-Gill
1978	Kappert, H. F. Heidemann, K. F. Grabe, B. te Kaat, E. 'Range and Damage Profiling after Heavy Ion Implantation in the MeV Region' <i>Phys. Stat. Sol. A, 47, 751 (1978)</i> <i>Comment : R,dR. O, Si (2 MeV) -> Si</i>	1978-Kapp
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> <i>Comment : S. R. He,C, N, O (1-10 MeV) -> Tiss. Eq. Gas</i>	1978-Matt2
1978	Sofield, C. J. Cowern, N. E. B. Petty, R. J. Freeman, J. M. Mason, J. P. 'Charge Exchange Effects in the Energy-Loss Straggling of ¹⁶ O Ions in Al' <i>Phys. Rev. A, 17, 859-867 (1978)</i> <i>Comment : dS. 5-50 MeV ¹⁶O -> Al</i>	1978-Sofi
1978	Stephens, K. G. Wilson, I. H. 'Properties and Applications of Ion-Implanted Films' <i>Thin Solid Films, 50, 325-347 (1978)</i> <i>Comment : R. 30 keV O -> Ta²⁰⁵, 60-80 keV Ar -> Ta</i>	1978-Step
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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	Cowern, N. E. B. 'Energy Straggling of Heavy Ions in Solids' <i>U.K. A. E. R. E., Rprt: R-9500 (1979)</i> <i>Comment : dS. He, O (5-48 MeV) -> Al</i>	1979-Cowe
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	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	Kappert, H. F. Heidemann, K. F. Eichholz, D. Tekaats, E. Rothmund, W. 'Range and Range Straggling of Oxygen Implanted into Silicon at Energies Between 2 and 20 MeV' <i>Appl. Phys., 21, 151-158 (1980)</i> <i>Comment : R, dR. 2-20 MeV 0 -> Si</i>	1980-Kapp
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' <i>Phys. Med. Biol., 25 (3), 509-518 (1980)</i> <i>Comment : S. H, He, C, N, O, Ar (25-375 keV) -> CH4, CO2, N2 (ionization chamber)</i>	1980-Nguy
1980	Sofield, C. J. Cowern, N. E. B. Freeman, J. M. 'Charge-Exchange Effects in Energy-Loss Straggling' <i>Nucl. Inst. Methods, 170, 221-225 (1980)</i> <i>Comment : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al</i>	1980-Sofi
1980	Waltner, A. W. Varghese, S. L. Willis, J. E. Shafroth, S. M. 'X-Ray Identification of Fusion Reaction Products Implanted in Al Foils Following O16 and F19 Bombardment of Co59 Foils' <i>Nucl. Inst. Methods, 170, 189-192 (1980)</i> <i>Comment : R, dR. 56-60 MeV 0, F -> Al</i>	1980-Walt
1982	Fahrner, W. R. Heidemann, K. Schottle, P. 'Results of Ion Implantation into Silicon in the 100 MeV Range' <i>Phys. Stat. Sol. A, 70, 463-472 (1982)</i> <i>Comment : R, dR. O, B (56-65 MeV) -> Si</i>	1982-Fahr

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1984	Lennard, W. N. Phillips, D. Mitchell, I. V. Andrews, H. R. Ward, D. 'Dependence of Specific Energy Loss on Target Thickness for Low Velocity Ions: Oxygen to Carbon' <i>Nucl. Inst. Methods, B2, 153 (1984)</i> <i>Comment : S. O (10-20 keV/amu) -> C</i>	1984-Lenn2
1986	Bridwell, L. B. Cowern, N. E. B. Read, P. M. Sofiled, C. J. 'Measurement of Polarization, Block and Charge Exchange Contributions to the Stopping Power of C and O ions in Carbon' <i>Nucl. Inst. Methods, B13, 123 (1986)</i> <i>Comment : S. C, O (3 MeV/amu) 0> C (target thickness effect)</i>	1986-Brid
1986	Sakamoto, N. Ogawa, H. Shiomi, N. 'Energy Losses and Effective Charges of 0.7-1.6 MeV.amu 16O Ions in Ag' <i>Phys. Letters A, 116 (1), 25-29 (1986)</i> <i>Comment : S. O (0.7-1.6 MeV/amu) -> Ag</i>	1986-Saka
1987	Gauvin, H. Bimbot, R. Herault, J. Anne, R. Bastin, G. 'Stopping Powers of Solids for 16O Ions at Intermediate Energies (20-95 MeV/amu)' <i>Nucl. Inst. Methods, B28, 191-194 (1987)</i> <i>Comment : S. O (20-95 MeV/amu) -> Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1987-Gauv
1987	Raisanen, J. Rauhala, E. 'Stopping of Havar, Nickel, Kapton and Mylar for 5-19 MeV 16O Ions' <i>Phys. Rev. B, 36 (18) 9776-9780 (1987)</i> <i>Comment : S. O(5-19 MeV) -> Ni, Kapton. Havar, Mylar</i>	1987-Rais
1987	Read, P. M. Sofield, C. J. Cowern, N. E. B. Bridwell, L. B. 'Stopping Powers for Energetic Ions in Carbon Targets' <i>Nucl. Inst. Methods, B29, 583-586 (1987)</i> <i>Comment : S. He, Li, C, O (3-7 MeV/amu) -> C</i>	1987-Read
1988	Balanzat, E. Jousset, J. C. Toulemonde, M. 'Latent Tracks Induced by Heavy Ions in the GeV Energy Range: Results at GANIL' <i>Nucl. Inst. Methods, B32, 368-376 (1988)</i> <i>Comment : R. O, Ar, Kr, Mo, Xe, U (4-85 MeV/amu) -> Polymers, Insulators, Superconductors: Track Analysis</i>	1988-Bala

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
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> <i>Comment : S, dS, N, O (30-330 keV/amu) -> Al, Cu, Ag, Au</i>	1988-Bedn
1988	Grob, J. J. Grob, A. Thevenin, P. Siffert, P. 'Transvers Straggling of MeV Oxygen Ions Implanted in Silicon' <i>Nucl. Inst. Methods, B30, 34-37 (1988)</i> <i>Comment : dR, O (0.6-2 MeV) -> Si</i>	1988-Grob
1988	Herault, J. Bimbot, R. Gauvin, H. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Cold Matter' <i>J. Physique Coll., 49C, 7-33 (1988)</i> <i>Comment : S, O, Ar, Ca, Kr, Mo, Xe (24-95 MeV/amu) -> Ne, Ar, Kr, Xe, CH4, C4H10, N, CO2, CF4, Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au</i>	1988-Hera
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> <i>Comment : S, Li, B, C, N, O (0.4-2.1 MeV/amu) -> Ta, Au</i>	1988-Kuro
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> <i>Comment : R, dR, 45 Ions (H to Ta) at 100-700 keV -> HgCdTe</i>	1988-Wils
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> <i>Comment : R, dR, 52 Ions (H-Hg) at 100-700 keV -> CdTe, HgCdTe</i>	1988-Wils2
1989	Bimbot, R. Gauvin, H. Herault, J. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Solids and Gases' <i>Rad. Effects, 110, 15-17 (1989)</i> <i>Comment : S, O, Ar, Ca, Kr, Mo, Xe (20-95 MeV/amu) -> 10 Gases, 12 Solids</i>	1989-Bimb3
1989	Grob, J. J. Grob, A. Thevenin, P. Siffert, P. 'A Silicon on Insulator Structure formed by Implantation of MeV Oxygen' <i>Matl. Sci. Eng., B2, 123-129 (1989)</i> <i>Comment : R, dR, O (0.6-2.0 MeV) -> Si (High Dose)</i>	1989-Grob

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1990	Sakamoto, N. Ogawa, H. Shiomi-Tsuda, N. Ishiwari, R. 'Stopping Powers of Gold for 11-26 MeV Oxygen Ions' <i>Nucl. Inst. Methods, B48, 75 (1990)</i> <i>Comment : S. O (11-26 MeV) -> Au</i>	1990-Saka
1991	Abdesselam, A. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Slowing Down of Heavy Ions in Solids near the Stopping Power Maximum' <i>Nucl. Inst. Methods, B56/57, 355-357 (1991)</i> <i>Comment : S. C, O, Al, Cu, Ti, I, Ag, Au (0.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta, Au</i>	1991-Abde
1991	Herault, J. Bimbot, R. Gauvin, H. Kubica, B. Anne, R. 'Stopping Powers of Gases for Heavy Ions (O, Ar, Kr, Xe) at Intermediate Energy (20-100 MeV.amu). Vanishing of the Gas-Solid Effect' <i>Nucl. Inst. Methods, B61, 156-166 (1991)</i> <i>Comment : S. O, Ar, Kr, Xe (20-85 MeV/amu) -> He, O, N, (11 gases)</i>	1991-Hera
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	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
1992	Abdesselam, M. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Stopping Power of O-16, Ti-48, Ag-108 in C and Al between 0.5-3 MeV/amu' <i>Nucl. Inst. Methods, B72, 293-301 (1992)</i> <i>Comment : S. O, Ti, Ag (0.5-3.0 MeV/amu) -> C, Al</i>	1992-Abde

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1992	Santry, D. C. Werner, R. D. 'Measured Stopping Powers of O-16 and F-19 Ions in Thin Elemental Films' <i>Nucl. Inst. Methods, B69, 167-173 (1992)</i> <i>Comment : S. O, F (200-2000 keV) -> Be, C, Al, Si, Ni, Ti, Ag, Au</i>	1992-Sant
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	Jin, C. Lu, X. Huang, X. Ye, Y. Xia, Z. 'Stopping Power of Mylar for Low Velocity B-11, C-12 and O-16 Ions' <i>Phys. Rev. B, 48, 6858-5861 (1993)</i> <i>Comment : S. B, C, O (1.0-6.0 MeV) -> Mylar</i>	1993-Jin 2
1993	Wagner, J. Harder, R. Hertel, B. Maeritz, J. Tempel, M. 'Charge State Distributions of Fast Oxygen Ions Exciting Carbon Foils' <i>Nucl. Inst. Methods, B73, 1-4 (1993)</i> <i>Comment : S. O (1 MeV/amu) -> C</i>	1993-Wagn
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
1994	Scheidenberger, C. Geissel, H. Mikkelsen, H. H. Nickel, F. Brohm, T. 'Direct Observation of Systematic Deviations from the Bethe Stopping Theory for Relativistic Heavy Ions' <i>Phys. Rev. Letters, 73, 50-53 (1994)</i> <i>Comment : S. O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb</i>	1994-Sche
1994	Scheidenberger, C. Geissel, H. Mikkelsen, H. H. Nickel, F. Brohm, T. 'Direct Observation of Systematic Deviations from the Bethe Stopping Theory for Relativistic Heavy Ions' <i>Phys.Rev.Lett. 73, 50-53, 1994</i> <i>Comment : S. O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb</i>	1994-Sche2

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1994	Wu, A. Lu, X. Jin, C. Zheng, T. 'Energy Straggling Measurements of O and F Ions in Au and CaF ₂ ' <i>Chinese Phys. Letters, 11, 605-608 (1994)</i> <i>Comment : dS. O, F (1-10 MeV) -> Au, CaF₂</i>	1994-Wu
1994	Wu, A. Lu, X. Jin, C. Zheng, T. Xia, Z. 'Stopping Power of compounds for O and F Ions' <i>Chinese Phys. Letters, 11, 537-540 (1994)</i> <i>Comment : S. O, F -> Ca and Mo Compounds</i>	1994-Wu 2
1996	Cheng, H. S. Yu, Y. C. Wang, C. W. Lin, E. K. Liu, T. Y. 'Backscattering Studies of Li, C and O Ions at Energies 3-15 MeV' <i>Nucl. Inst. Methods, B118, 408-413 (1996)</i> <i>Comment : S. Li, C, O (3-15 MeV) -> Au, Cu</i>	1996-Chen
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	Hari, K. V. Pathak, A. P. Sharma, S. K. Shyam, K. Nath, N. 'Energy Loss of MeV Heavy Ions in Carbon' <i>Nucl. Inst. Methods, B108, 223-226 (1996)</i> <i>Comment : S. Zl (O - Cu) at 0.1-1.0 MeV/amu -> C</i>	1996-Hari
1996	Scheidenberger, C. Geissel, H. Nuckel, F. Czajkowski, S. Folger, H. 'Energy Loss Straggling Experiments with Relativistic Heavy Ions in Solids' <i>Phys. Rev. Letters, 77, 3987-3990 (1996)</i> <i>Comment : dS. O, Xe, Au, U (700-1000 MeV/amu) -> ?</i>	1996-Sche
1998	Geissel, H. Scheidenberger, C. 'Slowing Down of Relativistic Heavy Ions and New Applications' <i>Nucl. Inst. And Methods, B136-138, 114-124 (1998)</i> <i>Comment : S, dS. O, Ar, Kr, Xe, Au, U (beta=0.1-1) -> Be, Cu</i>	1998-Geis
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	Hu, B. Liu, Z. Qi, Z. 'The Energy Loss of O-16 Ions in Seven Metallic Elements in Velocity-Proportional Region' <i>Nucl. Inst. Methods, B149, 395-400</i> <i>Comment : S. O (1.5 - 5 MeV) -> Ni, Pd, In, Sn, Gd, Lu, Ta</i>	1999-Hu

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1999	Jiang, W. Grotzschel, W. Pilz, W. Schmidt, B Moller, W. 'Random and Channeling Stopping Powers and Charge State Distributions 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
2000	Lu, X. Xia, Z. Zheng, T. Shen, Y. 'Stopping Powers of C, Al, Ti, Cu, Nb and Ag for O-16 and F-19 Ions' <i>Nucl. Inst. Methods, B168, 287-293 (2000)</i> <i>Comment : S. O, F (0.4 - 5.7 MeV) -> C, Al, Ti, Cu, Nb, Ag</i>	2000-Lu
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	Araujo, L.L. Grande, P. L. Behar, M. dos Santos, J. H. R. 'Random Stopping Power and Energy Straggling of 16-O Ions into Amorphous Silicon Target' <i>Nucl. Inst. Methods, B190, 79-83 (2002)</i> <i>Comment : S, dS O -> Si(amor)</i>	2002-Arau
2002	Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D. 'Experimental Studies of Heavy-Ion Slowing Down in Matter' <i>Nucl. Inst. Methods, B195, 3-54 (2002)</i> <i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i>	2002-Geis
2002	Hakim, A. Fahli, A. Toulemonde, M. Lelievre, D. 'Stopping Powers of Al, Havar, Ni, Ti and Ta Media for 9.67 MeV/u 58-Ni and 9.5 MeV/u 18-O Ions' <i>Nucl. Inst. Methods, B187, 164-168 (2002)</i> <i>Comment : S. Ni, O -> Al, Havar, Ni, Ti, Ta</i>	2002-Haki
2002	Trzaska, W. H. Lyapin, V. Alanko, T. Mutterer, M. Raisanen, J. 'New Approach to Energy Loss Measurements' <i>Nucl. Inst. Methods, B195, 147-165 (2002)</i> <i>Comment : S. Ar, Si, O, He, H -> Au, Ni, C, Havar</i>	2002-Trza
2002	Whitlow, H. J. Timmers, H. Elliman, R. G. Weijers, T. D. Zhang, Y. 'Measurement and Uncertainties 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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
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. 'Validity of Bragg's rule for heavy-ion stopping in silicon carbide' <i>Phys. Rev. B68, 235317 (2003)</i> <i>Comment : S. O - Cu (0.05 - 0.4 MeV/n) -> SiC</i>	2003-Zha1
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	Lu, X. Zheng, T. Xia, Z. Shen, D. 'Measured Stopping Power for 16-O Ions in Al, Cu and Ag Foils' <i>Applied Surf. Science, 221, 10-12 (2004)</i> <i>Comment : S. O -> Al, Cu, Ag</i>	2004-Lu
2004	Zhang, Y. Weber, W. J. 'Studies of Electronic Stopping Powers using Time of Flight Spectrometry' <i>Nucl. Inst. Methods, B219-220, 256-262 (2004)</i> <i>Comment : S. He, O, Al -> C, SiC</i>	2004-Zha1
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	Pascual-Izarra, C. Garcia, G. 'Experimental stopping forces for He, C, O, Al and Si ions in Al2O3 in the energy range of 40–1250 keV/nucleon ' <i>Nucl. Instr. Methods B228, 388 (2005)</i> <i>Comment : S. He,C,O,Al (40 - 1250 keV/n) -> Al2O3</i>	2005-Pasc

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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. Instr. Methods, B251, 352,360 (2006)</i> <i>Comment : S. C, N, O -> Ge, Ag, Au</i>	2006-Weij
2006	Zhang, Yanwen Weber, W. J. Grove, D. A. Jensen, J. Possnert, G. 'Electronic stopping powers for heavy ions in niobium and tantalum pentoxides ' <i>Nucl.Instrum.Methods B250, 62 (2006)</i> <i>Comment : S. Li, Be, O (0.1-1.6 MeV/n) -> Nb2O5, Ta2O5</i>	2006-Zha3
2007	Diwan, P.K. Sharma, V. Kumar, S. Mittal, V.K. Khan, S.A. 'Energy loss and straggling of MeV heavy ions in polypropylene absorber foils' <i>Nucl. Instrum. Methods Phys.Res. B 258, 293 (2007)</i> <i>Comment : S, dS. Li (3-5.25 MeV/u), C (4.25-6.25 MeV/u), O (4.25-5.75 MeV/u) polypropylene</i>	2007-Diwa
2007	Sun, G. Döbeli, M. Müller, A.M. Stocker, M. Suter, M. 'Energy loss and straggling of heavy ions in silicon nitride in the low MeV energy range' <i>Nucl. Instrum. Methods B 256 (2007) 586 (2007)</i> <i>Comment : S, dS. Li, B, C, O, S, Fe (0.4 - 4 MeV) ->silicon nitride Si3N3.1</i>	2007-Sun
2008	Pratibha, Sharma, V. Diwan, P.K. Kumar, S. Khan, S.A. 'Energy loss and straggling in LR-115 and Kapton polymeric foils for energetic ions' <i>Nucl. Instrum. Methods B 266, 2556 (2008)</i> <i>Comment : S, dS. Li, C, O, Si (1.0-6.5 MeV/u) -> LR-115, Kapton</i>	2008-Prat
2009	Sharma, V. Diwan, P.K. Pratibha,T. Sharma, Kumar, S. 'Energy loss of light ions in polypropylene absorber foils' <i>Indian J. Phys. 83, 937 (2009)</i> <i>Comment : S. Li (2-2.75 MeV/n), C (1.25-4 MeV/n), O (0.5-4 MeV/n) -> polypropylene</i>	2009-Shar
2009	Zhang, Y. Weber, W.J. 'Response of materials to single ion events' <i>Nucl.Instrum.Methods Phys. Res. B267, 1705 (2009)</i> <i>Comment : S. He (125-720 keV/n), Be (90-1600 keV/n), O (60-1300 keV/n), F (65-1130 keV/n) -> ZrO2</i>	2009-Zhan
2010	Msimanga, M. Comrie, C.M. Pineda-Vargas, C.A. Murray, S. 'Experimental stopping powers of Al, Mg, F and O ions in ZrO/sub 2/ in the 0.1-0.6MeV/u energy range' <i>Nucl. Instrum. Methods B 268, 1772 (2010)</i> <i>Comment : S. Al (0.13-0.48 MeV/u), F (0.14-0.55 MeV/u), Mg (0.14-0.50 MeV/u), O (0.16-0.63 MeV/u) -> ZrO2</i>	2010-Msim