

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1951	Faraggi, H. 'Mesure Precise De L'Energie Des Particules Lourdes Chargees Des Faibles Parcours Par Impregnation D'Emulsion Photographiques' <i>Ann. Physique, 6, 325-400 (1951)</i> <i>Comment : R. (0.01-3.2 MeV) H, He, Li, C -> Emulsion</i>	1951-Fara
1952	Lillie, A. B. 'The Disintegration of Oxygen and Nitrogen by 14.1 MeV Neutrons.' <i>Phys. Rev., 87, 716-22 (1952)</i> <i>Comment : R. 0.5-5 MeV 13C, 0.5-7 MeV 11B -> Air</i>	1952-Lill
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	Schmitt, R. A. Sharp, R. A. 'Measurement of the Range of Recoil Atoms' <i>Phys. Rev. Letters, 1, 445-47 (1958)</i> <i>Comment : R. (33-130 keV) C, F, Cl, Ti, Fe, Zn, Cu, Mo, Ag, Au -> Polystyvene, Teflon, Saran, Ti, Fe, Zn, Cu, Mo, Ag, Au</i>	1958-Schm
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., JETP9, 661-62 (1959)]</i> <i>Comment : R. 50-110 MeV 12C, 14C, 16O -> Al, Cu, Au.</i>	1959-Ogan
1960	Cao XuanChuan, C 'Relations Experimentales Parcours-Energie Pour Les Ions Legers De Faible Energie Dans Les Emulsions Nucleaires' <i>J. Phys. Radium, 21, 757-59 (1960)</i> <i>Comment : R. 2.2-6.3 MeV 11B, 2.2-5.0 MeV 13C -> Emulsion</i>	1960-Cao
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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 Polythene' <i>Phys. Rev.</i> , 120, 1758-61 (1960) <i>Comment</i> : S. 12-120 MeV C, 16-160 MeV O, 20-200 MeV Ne -> Mylar, Polyethylene	1960-Scha
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	Martin, F. W. Northcliffe, L. C. 'Energy Loss and Effective Charge of He, C, and Ar Ions' <i>Phys. Rev.</i> , 128, 1166-1174 (1962) <i>Comment</i> : S. He, C, Ar (4-400 MeV) -> H, He, N, Ar	1962-Mart
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 -> H ₂ , He, CH ₄ , 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
1964	Chumilov, S. N. Rutkevitch, N. Ya. Klioutcharev, A. P. 'The Range-Energy Relation for Carbon Ions in Nikfi Nuclear Emulsion (In French)' P. Demers (Ed.) <i>Photographie Corpusculaire, 3 Presses universitaires De Montreal</i> , P. 242-44 (1964) <i>Comment</i> : R. 40-112 MeV C -> Emulsion	1964-Chum
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 -> N ₂	1965-Bori

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1965	Panontin, J. A. Schwartz, L. L. Stehney, A. F. Steinberg, E. P. Winsberg, L. 'Ranges of C11 in Aluminum' <i>Phys. Rev A.</i> , 140, 151-55 (1965). <i>Comment</i> : R. 0.65 - 1.64 MeV 11C -> Al	1965-Pano
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. 21A</i> , 130-34 (1966) <i>Comment</i> : S. (12-140 keV) H, D, He, Li, B, C, N, O, F, Ne, Na -> B	1966-Macd
1966	Nielsen, O 'Specialeopgave' <i>Niels Bohr Institute, University of Copenhagen, Pp. 1-64 (1966)</i> <i>Comment</i> : S, dS. 50 keV C, Na, Cl, K, Mn, Y, Zn, Ag, Hf, Lu, Hg, Bi -> H2, D2, He, N2, Ne, Ar	1966-Niel
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 <= Z1 <= 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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Powers, D. Chu, W. K. Bourland, P. D. 'Range of Ar, Kr, and Xe Ions in Solids in the 500 keV to 2 MeV Energy Region' <i>Phys. Rev.</i> , 165, 376-87 (1968) <i>Comment</i> : R, dR. (0.5 - 2.0 MeV) C, Ar, Kr, Xe -> Be, Al, V, Ni, Cu; S.(0.6 - 2.0 MeV) H -> V	1968-Powe
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</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	Davies, D. E. Roosild, S. A. 'Minority Carrier Lifetime in Ion Implanted and Annealed Silicon' <i>Appl. Phys. Letters</i> , 17, 107-109 (1970) <i>Comment</i> : R. C (1-2 MeV) -> Si	1970-Davi2
1970	Feldman, L. C. Rodgers, J. W. 'Depth Profiles of the Lattice Disorder Resulting from Ion Bombardment of Silicon Single Crystals' <i>J. Appl. Phys.</i> , 41, 3776-3782 (1970) <i>Comment</i> : R. 200-500 keV C, Ne -> Si	1970-Feld
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</i> : R, dR. 40 keV C, O, P, Co, Tl, Na, P, Co, Zn, Se, Kr, Hf, Cs, Ag, I, Xe -> Au, W, WO3	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</i> : R, dR. C, N, O (1.0-2.0 MeV) -> Si One of the earliest studies of MeV implantation into silicon.	1970-Schw
1971	Daview, D. E. Roosild, S. 'Residual Electrically Active Defects after Lattice Reordering in Ion Implanted Silicon' <i>Appl. Phys. Letters</i> , 18, 548-550 (1971) <i>Comment</i> : R. C (2 MeV) -> Si	1971-Davi
1971	Hogberg, G. 'Electronic and Nuclear Stopping Cross Sections in Carbon' <i>Phys. Stat. Sol. B</i> , 48, 829-41 (1971) <i>Comment</i> : S. (10-46 keV) Li, B, N, C, O, F, Ne, Na, P, Ar -> C	1971-Hogb

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Hvelplund, P. 'Energy Loss and Stragglings of 100-500 keV Atoms with Z_1 to 12 in Various Gases' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 38, No. 4, P. 1-25 (1971) <i>Comment</i> : S,dS. (100-500 keV) He, Li, Be, B, C, N, O, F, Ne, Na, Mg -> Air, He, Ne, H ₂ , O ₂	1971-Hvel
1972	Bister, M. Anttila, A. Fontell, A. Leminen, E. 'A Method for the Determination of Recoil Ion Ranges Needed in Dsa Measurements' <i>Physik</i> , 250, 82-86 (1972) <i>Comment</i> : R. 50 keV Al -> C, Cu, Mo, Ta	1972-Bist
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</i> , 13, 191-96 (1972) <i>Comment</i> : S. 0.5-2.0 MeV C, O, N -> Cr, Fe, Co, Ni, Cu, Zn	1972-Bjor
1972	Hogberg, G. Skoog, R. 'Non-Evidence for Z1, Oscillations of the Nuclear Ion-Atom Interaction in an Amorphous Target' <i>Rad. Effects</i> , 13, 197-202 (1972) <i>Comment</i> : S. 50 keV Li, B, C, N, O, F, Ne, Na, Mg, P, Ar -> C	1972-Hogb
1973	Brack, K. Gorey, E. Schwuttke, G. H. 'Damage Profiles in High Energy C Bombarded Silicon' <i>Crystal Latt. Defects</i> , 4, 109-121 (1973) <i>Comment</i> : R. C (1 - 2 MeV) -> Si	1973-Brac
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</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	Kulesa, R. Barker, P. H. Cockburn, P. M. Seiler, H. P. Marmier, P. 'Determination of the Range of ^{13}C and ^{19}F Ions in Ni and Ta' <i>Helv. Phys. Acta</i> , 46, 52 (1973) <i>Comment</i> : R. 2-12 MeV ^{13}C , ^{19}F -> Ni, Ta	1973-Kule
1973	Shnidman, R. Tapphoon, R. M. Geller, K. N. 'Recoil Fraction Technique for Measuring Nuclear and Electronic Stopping Powers' <i>Appl. Phys. Letters</i> , 22, 551-53 (1973) <i>Comment</i> : S. 0.4 - 1.5 MeV C -> C	1973-Shni
1973	Vavilov, V. S. Gukasyan, M. A. Konorova, E. A. Milyutin, Yu. V. 'Implantation of Antimony Ions into Diamond' <i>Fiz. Tekh. Poluprovodnikov</i> , 6, 2384-91 (1972). [Engl. Trans. Sov. Phys. Semicond., 6, 2384-91 (1973)] <i>Comment</i> : R. 40 keV Sb -> C (Diamond)	1973-Vavi

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Hildebrandt, D. Muller-Jahreis, U. 'Electronic Retarding Cross Sections of Light Ions in GaSb' <i>Int. J. Mass Spectrom. and Ion Phys. (Netherlands), 13, 177-9 (1974)</i> <i>Comment : S. 10-100 keV H, He, Li, B, C, N, O, F, Ne -> GaSb</i>	1974-Hild
1974	Kamitsubo, H. 'Heavy Ion Science' <i>Oyo Buturi (Japan), 43, 1019-28 (1974)</i> <i>Comment : S, dS. H, He, C, O, Ar, Xe (1, 10 MeV/amu) -> H2O</i>	1974-Kami
1974	Langley, R. A. 'Range-Energy Relations for C Ions and O Ions in N2, O2, and Tissue-Equivalent Gas' <i>Phys. Med. Biol., 19, 495-503 (1974)</i> <i>Comment : R, dR. (0.3-2.5 MeV) C, (0.5-5.0 MeV) O -> N2, O2, Tissue-Equivalent Gas</i>	1974-Lang
1974	Macdonald, P. J. Palmer, D. W. 'Differences in Defect Production and Annealing Processes in Boron- and Carbon-Irradiated Germanium' <i>Stuttgart, Et. Al., Lattice Defects in Semiconductors, Intl. Conf. on Semiconductors, 504-12 (1974)</i> <i>Comment : R, dR. 60 keV 11B, 12C -> Ge</i>	1974-Macd
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
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	Grahmann, G. Kalbitzer, S. 'Nuclear and Electronic Stopping Powers of Low Energy Ions with $Z \leq 10$ 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
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. $2 \leq Z1 \leq 10$ (10-100 Kev) -> C, Si</i>	1976-Hoff

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
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
1977	Anttila, A. Bister, M. Fontell, A. Winterbon, K. B. 'Ranges of Some Light Ions Measured by (p,gamma) Resonance Broadening' <i>Rad. Effects, 33, 13-19 (1977)</i> <i>Comment : R. 20-100 keV 13C, 23Na, 26Mg, 27Al, 34S -> Ta; 29Si -> Al</i>	1977-Antt
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	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
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	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	Roosendaal, H. E. Kool, W. H. Saris, F. W. 'Production and Beam Annealing of Damage in Carbon Implanted Si' <i>Rad. Effects, 36, 35-40 (1978)</i> <i>Comment : R. 25, 50, 70 keV C -> Si</i>	1978-Roos
1978	Shin, B. K. Ehret, J. E. Park, Y. S. Stefiniw, M. 'Dual Implantation of C+ and Ga+ Ions into GaAs' <i>J. Appl. Phys., 49, 2988-2990 (1978)</i> <i>Comment : R. 120 keV Ga, 60 keV C -> GaAs</i>	1978-Shin

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
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
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	Averback, R. S. Benedek, R. Merkle, K. L. Singer, L. R. 'The Determination of Electronic Stopping Powers of Light Ions in Metals from Damage-Rate Measurements' <i>J. Appl. Phys., 50, 1273-1278 (1979)</i> <i>Comment : S. 50-300 keV He, Li, C -> Ag</i>	1979-Aver
1979	Cowern, N. E. B. Sofield, C. J. Freeman, J. M. Mason, J. P. 'Energy Straggling of 3-36-MeV 12C Ions in Aluminum' <i>Phys. Rev. A, 19, 111-115 (1979)</i> <i>Comment : dS. 3-36 MeV 12C -> Al</i>	1979-Cowe2
1979	Garnir-Monjoie, F. S. Garnir, H. P. Baudinet-Robinet, Y. Dumont, P. D. 'Empirical Relation for Electronic Stopping Power of Heavy Ions in Carbon' <i>Preprint (1979) 10</i> <i>Comment : S, dS. .01 - 10 MeV/amu C -> C</i>	1979-Garn
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	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	Takahashi, T. Awaya, Y. Tonuma, T. Kumagai, H. Izumo, K. 'Energy Straggling of C and He Ions in Metal Foils' <i>Nucl. Inst. Methods, 166, 587-589 (1979)</i> <i>Comment : dS. 5-7 MeV He, C -> Al, Ag, Au, Pb</i>	1979-Taka
1979	Ved'manov, G. D Gavrilov, F. F. Mizgulin, V. N. Neshov, F. G. Puzanov, A. 'Energy Loss of Carbon Ions in Titanium, Nickel and Germanium' <i>Sov. Phys. J., 22, 668-669 (1979)</i> <i>Comment : S. C (0.6-7 MeV) -> Ti, Ni, C.</i>	1979-Ved

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Ved'manov, G. D. Gavrilov, F. F. Mizgulin, V. N. Neshov, F. G. Puzanov, A. A. 'Energy Loss of Carbon Ions in Titanium, Nickel and Germanium' <i>Izv. Vys. Uch. Zav. Fiz.</i> , 22, 111 (1979). <i>English transl.: Sov. Phys. J.</i> , 22, 668 (1979) <i>Comment</i> : S. C (0.8-9 MeV) -> Ti, Ni, Ge	1979-Ved 2
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.</i> , 57, 645-656 (1979). <i>Comment</i> : 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	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) <i>Comment</i> : S. H, He, C, N, O, Ar (25-375 keV) -> CH4, CO2, N2 (ionization chamber)	1980-Nguy
1980	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) <i>Comment</i> : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al	1980-Sofi
1981	Muminov, A. I. Akilov, F. S. 'Determination of Stopping Cross Sections for ⁷ Li, ¹² C, ²³ Na, ²⁶ Mg and ²⁷ Al by the Doppler Broadening of Gamma-Rays Emitted by these Nuclei' <i>Sov. J. Nucl. Phys.</i> , 34 (1), 7-10 (1981) <i>Comment</i> : S. Li, C, Na, Mg, Al (25 keV/amu) -> 75 elements and compounds	1981-Mumi
1981	Nagata, K. Kikuchi, J. Doke, T. Gruhn, C. R. 'Deposited Energy Losses of High Energy Heavy Ions in Thin Gas Layers' <i>Nucl. Inst. Methods</i> , 188, 217 (1981) <i>Comment</i> : S. C, Ne, Ar, Fe (450-1870 MeV/amu) -> Ar (P-5) mixture	1981-Naga
1982	Anthony, J. M. Lanford, W. A. 'Stopping Power and Effective Charge of Heavy Ions in Solids' <i>Phys. Rev. A</i> , 25 (4), 1868-1879 (1982) <i>Comment</i> : S. C, Si, Cl, Ti, Fe, Ni, Ge, Br, Nb, I (0.1-3.5 MeV/amu) -> C, Al, Cu, Ag, Au	1982-Anth
1983	Cowern, E. B. Woods, C. J. Sofield, C. J. 'The Gas-Solid Density Effect for MeV/amu Ions: Chage Changing Cross-Sections and the Effective Charge' <i>Nucl. Inst. Methods</i> , 216, 287-292 (1983) <i>Comment</i> : S. C, U (3-8 MeV/amu) -> C	1983-Cowe
1983	Mannspenger, H. Kalbitzer, S. Demond, F. J. Damjantschitsch, H. 'Projection Factors of Low Energy Ion Ranges' <i>Nucl. Inst. Methods</i> , 209/210, 49-55 (1983) <i>Comment</i> : R. H, C, Na, Al, Si, Ar, Cr (.04<epsilon<1) -> Si, Ge	1983-Mann

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1983	Takahashi, T. Awaya, Y. Tonuma, T. Kumagai, H. Izumo, K. 'Stopping Power of Ni, Ag, Au and Pb for about 7 MeV/amu Alpha Particles and Carbon Ions: Z1*3 Deviation from the Bethe Formula' <i>Phys. Rev. A, 27 (3), 1360-1364 (1983)</i> <i>Comment : S. He, C (7 MeV) -> Ni, Ag, Au, Pb</i>	1983-Taka
1984	Adesida, I. Karapiperis, L. 'The Range of Light Ions in Polymeric Resists' <i>J. Appl. Phys., 56 (6), 1801-1807 (1984)</i> <i>Comment : R, dR. H, He, Li, Be, B, C (5-300 keV) -> PMMA photoresist</i>	1984-Ades
1984	Cowern, N. E. B. Read, P. M. Sofield, C. J. Bridwell, L. B. Lucas, M. W. 'Charge Changing Energy Loss, Higher Order Z1 Dependence, and Pre-Equilibrium Behaviour in the Stopping Power for Energetic Ions in Solids' <i>Phys. Rev. A, 30, 4, 1682-1691 (1984)</i> <i>Comment : S. He, Li, C (3 MeV/amu) -> C (charge state analysis)</i>	1984-Cowe
1984	Cowern, N. E. B. Read, P. M. Sofield, C. J. Bridwell, L. B. Hustable, G. 'Charge State Dependence of dE/dx for Ions in Very Thin Targets' <i>Nucl. Inst. Methods, B2, 112 (1984)</i> <i>Comment : S. He, Li, C (3 MeV/amu) -> C (target thickness effects)</i>	1984-Cowe2
1985	Fink, D. Biersack, J. P. Chen, J. T. Stadle, 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	Iwase, A. Sasaki, S. Iwata, T. Nihira, T. 'Calorimetric Measurements of Stopping Power of Al and Ni for Cl and C Ions' <i>J. Phys. Soc. Jap., 54 (5), 1750-1756 (1985)</i> <i>Comment : S. C, Cl (2.8-5.1 MeV/amu) -> Al, Ni</i>	1985-Iwas
1986	Bridwell, L. B. Cowern, N. E. B. Read, P. M. Sofield, 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	Bussmann, U. Hecking, N. Heidelmann, K. F. TeKaat, 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> <i>Comment : S,R. C, N (1-24 MeV) -> Si</i>	1986-Buss
1987	Baek, W. Y. Both, G. H. Gassen, D. Neuwirth, W. Zielinski, M. 'Energy Loss of 12C Projectiles in Different Carbon Modifications' <i>Phys. Rev. A, 35, 51 (1987)</i> <i>Comment : S. C (2.0-4.5 V/Vo) -> C (Stopping in diamond, graphite, glassy carbon)</i>	1987-Baek

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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	Gardes, D. Bimbot, R. DellaNegra, S. Dumail, M. Kubica, B. 'Interaction of Heavy Ion Beams with a Hydrogen Plasma: Plasma Lens Effect and Stopping Power Enhancement' <i>Europhys. Lett., 8, 701-705 (1988)</i> <i>Comment : S. C, S (2 MeV/amu) -> H (plasma)</i>	1988-Gard
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	Rauhala, E. Raisanen, J. 'Stopping Powers and Energy Loss of 3-22 MeV 12C Ions in Havar, Nickel, Kapton and Mylar' <i>Phys. Rev. B, 37, 16, 9249-9253 (1988)</i> <i>Comment : S. C (3-22 MeV) -> Ni, Havar, Kapton, Mylar</i>	1988-Rauh2
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
1988	Zielinski, M. Kaletta, E. Neuwirth, W. Bharuth-Ram, K. 'The Energy Loss of Carbon Ions in Carbon' <i>South Africa J. Phys., 11, 13-17 (1988) (In English and Boor-Dutch)</i> <i>Comment : S. C (3.5-7.0 MeV) -> C Doppler shift measurements.</i>	1988-Ziel
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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	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	Abdesselam, N. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Stopping Power of C and Al Ions in Solids' <i>Nucl. Inst. Methods, B61, 385-393 (1991)</i> <i>Comment : S. C, Al (.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta and Au</i>	1991-Abde2
1991	Antolak, A. J. Handy, B. N. Morse, D. H. Pantau, A. E. 'Energy Loss and Straggling Measurements of Ions in Solid Absorbers' <i>Nucl. Inst. Methods, B59/60, 13-17 (1991)</i> <i>Comment : S, dS, H, Li, C(7-49 MeV) -> Al, Ti, Ni, Ag, W, Au</i>	1991-Anto
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
1991	Sakamoto, N. Ogawa, H. Mannami, M. Kimura, K. Susuki, Y. 'Stopping Powers of Metallic Elements for High Energy Ions' <i>Rad. Effects, 117, 193-195 (1991)</i> <i>Comment : S. H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt</i>	1991-Saka
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1992	Ogawa, H. Katayama, I. Sugai, I. Haruyama, Y. Tosaki, M. 'Charge State Dependent Energy Loss of High Velocity Carbon Ions in the Charge State Non-Equilibrium Region' <i>Phys. Letters A</i> , 167, 487-492 (1992) <i>Comment</i> : S. C (various charge states) -> C	1992-Ogaw
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)</i> , 20, 611-614 (1992) <i>Comment</i> : S. H, He, Li, B, C, N, O (0.3-4.3 MeV/amu) -> LR-115 (nuclear track material)	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</i> , B73, 115-122 (1993) <i>Comment</i> : S. C, N, O (0.5-3.4 MeV) -> Al, Cu, Ag and Au	1993-Abde
1993	Balanzat, E. Bouffard, S. Le Moel, A. Betz, N. 'Physico Chemical Modification Induced in Polymers by Swift Heavy Ions' <i>Nucl. Inst. Methods</i> , B91, 140-145 (1994) <i>Comment</i> : S. C, Ar, Kr (3-6 MeV/amu) -> Polyethylene, PVDF.	1993-Bala
1993	Jin, C. Lu, X. Huang, X. Ye, Y. Jiang, D. 'Stopping Powers of Heavy Ions in Silver' <i>Nucl. Sci Tech (China)</i> , 4, 241-244 (1993) <i>Comment</i> : S. B, C, F (0.11-0.53 MeV/amu) -> Ag	1993-Jin
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</i> , 48, 6858-5861 (1993) <i>Comment</i> : S. B, C, O (1.0-6.0 MeV) -> Mylar	1993-Jin 2
1994	Baudin, K. Brunelle, A. Chabot, M. Della-Negra, S. DePauw, J. 'Energy Loss by MeV Carbon Clusters and Fullerene Ions in Solids' <i>Nucl. Inst. Methods</i> , B94, 341-344 (1994) <i>Comment</i> : S. C (clusters 0.3-5.65 MeV/atom) -> C	1994-Baud
1994	Fageeha, O. Howard, J. Block, R. C. 'Distribution of Radial Energy Deposition around the Track of Energetic Charged Particles in Silicon' <i>J. Appl. Phys.</i> , 75, 2317-2321 (1994) <i>Comment</i> : S. C, Al, Fe (10-10,000 MeV) -> Si	1994-Fage
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)</i> , 23, 749-752 (1994) <i>Comment</i> : S. Z=1-14 (0.25-2.8 MeV/amu) -> CR-39	1994-Rais2

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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	Abel, F. Quillet, V. Schott, M. 'Degradation of Polystyrene Thin Films under D, He and C Irradiation, Studied by Ion Beam Analysis: Effects of Energy Loss, Sample Thickness and Isotopic Content' <i>Nucl. Inst. Methods, B105, 86-90 (1995)</i> <i>Comment : S. H, D, He, C (150-2500 keV) -> Polystyrene (</i>	1995-Abel
1995	Petrovic, S. Miletic, L. Neskovic, N. 'Angular Distributions of Ions Transmitted through a very thin Crystal' <i>Nucl. Inst. Methods, B115, 348-354 (1995)</i> <i>Comment : S. C (25 MeV) -> Si (angular and thickness effects)</i>	1995-Petr
1995	Tomaschko, C. Brandl, D. Kuegler, R. Schurr, M. Voit, H. 'Energy Loss of MeV Carbon Cluster Ions in Matter' <i>Nucl. Inst. Methods, B103, 407-411 (1995)</i> <i>Comment : S. C(Clusters) 1.4-4.0 MeV -> C, Au, Formvar</i>	1995-Toma
1996	Azuma, T. Komaki, K. Yamazaki, Y. Kakutani, N. Ninomiya, S. 'Charge Exchange and Stopping Power of Channeled Heavy Ions' <i>Nucl. Inst. Methods, B115, 306-309 (1996)</i> <i>Comment : S. C (30 MeV) -> Si (Angular energy loss, and charge states)</i>	1996-Azum
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	Olivera, G. H. Martinez, A. E. Rivarola, R. D. Fainstein, P. D. 'Electronic Stopping Power of Hydrogen Beams Traversing Oxygen' <i>Nucl. Inst. Methods, B111, 7-11 (1996)</i> <i>Comment : Theory</i>	1996-Oliv
1997	Jokinen, J. 'Stopping Powers of C, Al and Cu for use in ERDA Analyses with Probing MeV-Energy Au Ions' <i>Nucl. Inst. Methods, B124, 447-452 (1997)</i> <i>Comment : S. Au, C, Al, Au -> C, Al, Cu</i>	1997-Joki2

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1998	Zhang, T. Zhai, Y. Xia, Z. Shen, D. Wang, X. 'Stopping Power for MeV C-12 Ions in Solids' <i>Nucl. Inst. Methods, B135, 169-174 (1998)</i> <i>Comment : S. C (0.3 - 6.4 MeV) -> C, Al, Ti, Cu, Nb, Ag</i>	1998-Zhan2
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 Distribuitions 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	Hu, B. Wu, Y. Zhang, X. Cheng, X. Liu, Z. 'The Energy Loss of C-12 and B-11 Ions in Seven Elements' <i>Nucl. Inst. Methods, B160, 195-202 (2000)</i> <i>Comment : S. C, B (1 - 5 MeV) -> Co, Ni, In, Pd, Cd, Lu and Ta</i>	2000-Hu
2000	Vorobyova, I. V. Reimann, C. T. Toulemonde, M. 'Comparison of the Structure and Sizes of Tracks Induced by High Energy Monatomic and Cluster Ions Incident on the Surface of Mica' <i>Nucl. Inst. Methods, B166-167, 959-963 (2000)</i> <i>Comment : S. Sn (1 MeV/u), C(30 keV/u) -> Mica</i>	2000-Voro
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2002	Zhang, Y. Possnert, G. 'Electronic Stopping Power of Swift Heavy Ions in Carbon' <i>Nucl. Inst. Methods, B190, 69-73(2002)</i> <i>Comment : S. He, Be, C and Al -> C</i>	2002-Zhan2
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
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	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
2006	Weijers-Dall, T. D. Timmers, H. Stenstrom, K. Persson, P. Pergjegjaj, 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
2006	Zhang, Yanwen Jensen, J. Possnert, G. Grove, D. A. McCready, D. E. 'Electronic stopping forces of heavy ions in metal oxides' <i>Nucl. Instrum. Methods B 249, 18 (2006)</i> <i>Comment : S. C(0.1-1 MeV/n)->ZrO2, F(0.05-1.3 MeV/n)->Nb2O5,Ta2O5</i>	2006-Zha2
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

Citations for Ion :

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
