

Citations for Ion : **Fe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1964	Sidenius, G. 'Measurement of dE/dX in Gases with Low Energy Heavy Particles' <i>M. R. C. Mcdowell (Ed.) Atomic Collision Processes, North-Holland, Amsterdam, P.709-16 (1964)</i> <i>Comment : S. (20-50 keV) Cl, Ga, Zr, Sb, Pb, Fe, Ca, Ge, U -> H2</i>	1964-Side
1966	VanLint, V. A. J. Wyatt, M. E. Schmitt, R. A. Suffredini, C. S. Nichols, D. K. 'Range of Photoparticle Recoil Atoms on Solids' <i>Phys. Rev., 147, 242-48 (1966)</i> <i>Comment : R. (.001- 5 epsilon) Ti, Sc, Cr, Fe, Mn, Ni, Co, Ge, Zr, Y, Sr, Mo, Rh, Pd, Ag, Cd, Sn, Gd, Ta, Au, Th -> Al, Cu</i>	1966-VanL
1968	Bowman, W. W. Lanzafame, F. M. Cline, C. K. Yu, Yu-Wen Blann, M. 'Recoil Ranges of 0.2 - 5.2 MeV Ions in Vanadium, Nickel, Iron, Zirconium and Gold.' <i>Phys. Rev., 165, 485-93 (1968)</i> <i>Comment : R, dR. Ion(ZI=12-81, E=0.22-5.2 MeV) -> V, Ni, Zr, Au</i>	1968-Bowm
1968	Hvelplund, P. Fastrup, B. 'Stopping Cross Section in Carbon of 0.2 - 1.5 MeV Atoms with 21 <= Z1 <= 39.' <i>Phys. Rev., 165, 408-14 (1968)</i> <i>Comment : S. (230 - 1470 keV) Sc, Ti, Cr, Mn, Fe, Co, Cu, Ge, Br, W, Y -> C</i>	1968-Hvel2
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 : S. (300-970 keV) N, Ne, Na, Mg, S, Cl, Ar, K, Si, Mn, Fe, Kr, Y, Mo, Ag, Cd, Sb, Xe -> Au</i>	1969-Bott
1974	Jensen, M. Larsson, L. Mathiesen, O. Rosander, R. 'Experimental and Theoretical Absorptance Profiles of Tracks of Fast Heavy Ions in Nuclear Emulsion' <i>Univ. Lund., Sweden (1974)</i> <i>Comment : R. 0.3 < Beta < 0.8 Si, P, Ca, Cr, Fe -> Emulsion</i>	1974-Jens
1976	Myers, S. M. Smugeresky, J. E. 'Phase Equilibria and Diffusion in the Be-Al-Fe System using High Energy Ion Beams' <i>Metal. Trans. A, 7, 795-802 (1976)</i> <i>Comment : R,dR. Al, Fe (30-50 keV) -> Be</i>	1976-Myer

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1978	Tarle, G. Solarz, M. 'Evidence for Higher-Order Contributions to the Stopping Power of Relativistic Iron Nuclei' <i>Phys. Rev. Letters</i> , 41, 483-486 (1978) <i>Comment</i> : S. 600 MeV/amu 56Fe -> CH2, C16H14O3, C, Al, Pb	1978-Tarl
1979	Dwivedi, K. K. Mukherji, S. 'Heavy Ion Track Lengths in Solid Dielectric Track Detectors' <i>Nucl. Inst. Methods</i> , 161, 317-326 (1979) <i>Comment</i> : R, dR. 15-69 MeV I, Br, Fe -> Dielectric Track Detectors	1979-Dwiv
1979	White, C. W. Christie, W. H. Pronko, P. P. Appleton, B. R. Wilson, S. R. 'Dopant Profile Changes Induced by Pulsed Laser Annealing' <i>Rad. Effects</i> , 47, 37-40 (1979) <i>Comment</i> : R, dR. 35-150 keV B, P, As, Sb, Cu, Fe -> Si	1979-Whit
1980	Asundi, V. K. Joshi, M. C. Deb, S. K. Kulkarni, V. N. Sood, D. K. 'Thermal Migration of Iron Implanted in Aluminum at High Doses' <i>Rad. Effects</i> , 49, 39-44 (1980) <i>Comment</i> : R, dR. 30 keV Fe -> Al	1980-Asun
1980	Besenbacher, F. Bottiger, J. Laursen, T. Loftager, P. Moller, W. 'Z1-Oscillations in Low-Energy Heavy-Ion Ranges' <i>Nucl. Inst. Methods</i> , 170, 183-188 (1980) <i>Comment</i> : R, dR. Atomic Numbers 18-92 (epsilon=.015) -> Si	1980-Bese2
1981	Anthony, J. M. Parker, P. D. Lanford, W. A. 'Z1*3, Z1*4 Corrections to Heavy Ion Energy Loss' <i>IEEE Trans. Nucl. Sci.</i> , NS-28, 1227-1229 (1981) <i>Comment</i> : S. Si, Cl, Ti, Fe, Ni, Ge, Br (0.4-2.5 MeV/amu) -> Cu, Ag	1981-Anth2
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
1981	Salamon, M. H. Ahlen, S. P. Tarle, G. Creggin, K. C. 'Measurement of Higher Order Corrections to Stopping Power for Relativistic Ne, Ar and Fe Beams' <i>Phys. Rev. A</i> , 23, 1, 73-76 (1981) <i>Comment</i> : R. Ne, Ar, Fe (600 MeV/amu) -> Al, Ar, Pb, Air, Kapton, CO2, Lexan	1981-Sala
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

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1982	Geissel, H. Laichter, Yl Schneider, W. F. W. Armbruster, P. 'Energy Loss and Energy Loss Straggling of Fast Heavy Ions in Matter' <i>Nucl. Inst. Methods, 194, 21-29 (1982)</i> <i>Comment : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases</i>	1982-Geis
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
1992	Sharma, S. K. Kumar, S. Sharma, A. P. 'Response of Soda Glass Detectors to U-238 and Fe-56 Ions' <i>Appl. Rad. Isotopes (UK), 43, 1493-1498 (1992)</i> <i>Comment : S. U, Fe (144, 199 MeV/amu) -> Glass & polymer track detectors</i>	1992-Shar
1993	Bogdanov, S. D. Zhurkin, E. E. Kosmach, V. F. Hassan, D. 'Effect of Z*3 Correction in Ionization Energy Losses on the Ranges of Heavy Ions' <i>Pis'Ma Zh. Eksp. Teor. Fiz. (Russia), 58, 711-714 (1993) [Eng. Trans. JETP Letters, (1993)]</i> <i>Comment : R. Ne, Ar, Fe, Au, U (0.3-1.2 GeV/amu) -> Emulsion</i>	1993-Bogd
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., 75, 2317-2321 (1994)</i> <i>Comment : S. C, Al, Fe (10-10,000 MeV) -> Si</i>	1994-Fage
1995	Bogdanov, S. S. Dudkin, V. E. Hassan, J. 'Ranges of 0.2-1.0 GeV/amu Heavy Ions in Nuchor' <i>Rad. Meas. (UK), 25, 111-114 (1995)</i> <i>Comment : R. Ne, Ar, Fe, Au, U (0.2-1.0 GeV/amu) -> BR-2 (Nuchor) photoemulsion</i>	1995-Bogd
1995	Mozumder, A. Doke, T. Takashima, T. 'Energy Partition between the Core and the Penumbra of Au, La, Fe and Na Ion Tracks in Liquid Argon from 1-1000 MeV/amu' <i>Nucl. Inst. Methods, A365, 600-602 (1995)</i> <i>Comment : S,R. Au, La, Fe,Na (1-1000 MeV/amu) -> Ar</i>	1995-Mozu
1995	Sharma, S. K. Kumar, S. Sharma, A. P. 'Range of Heavy Ions in Solids' <i>Appl. Rad. Isotopes (UK), 46, 1345-1350 (1995)</i> <i>Comment : R. Fe, Al, Ni (99.5, 123, 199 MeV/amu) -> CR-39, Lexan</i>	1995-Shar
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

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1996	Kumar, S. Sharma, S. K. Nath, N. Harikumar, V. Pathak, A.. P. 'Stopping Power of Carbon for Heavy Ions up to Copper' <i>Rad. Effects, 139, 197-206 (1996)</i> <i>Comment : S. Sc, Ti, Cr, Mn, Fe, Cu (0.2-1.0 MeV/amu -> C</i>	1996-Kuma
1997	Harikumar, V. Pathak, A. P. Nath, N. Kumar, S. Sharma, S. K. 'Stopping Power of Carbon for Se, Fe, Ni and Cu Ions using the ERDA Technique' <i>Nucl. Inst. Methods, B129, 143-146 (1997)</i> <i>Comment : S. Si, Fe, Ni, Cu (Vo - 5Vo) -> C</i>	1997-Hari
2000	Alanko, T. Hyvonen, J. Kyllonen, V. Muller, S. Raisanen, J. 'Slowing Down of 1.3-3.5 MeV/u Fe, Kr and I Ions in Ten Metals' <i>Rad. Phys. Chem., 59, 249-253 (2000)</i> <i>Comment : S. Fe, Kr (1.3-3.5 MeV/u) -></i>	2000-Alan2
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 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
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	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	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
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