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'** ***Phys. Rev. Letters, 1, 445-47 (1958)*** *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*	**1958-Schm**
1964	Sidenius, G. **'Measurement of dE/dX in Gases with Low Energy Heavy Particles'** ***M. R. C. Mcdowell (Ed.)Atomic Collision Processes, North-Holland, Amsterdam, P.709-16 (1964)*** *Comment : S. (20-50 keV) Cl, Ga, Zr, Sb, Pb, Fe, Ca, Ge, U -> H2*	**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'** ***Phys. Rev., 147, 242-48 (1966)*** *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*	**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.'** ***Phys. Rev., 165, 485-93 (1968)*** *Comment : R, dR. Ion(Z1=12-81, E=0.22-5.2 MeV) -> V, Ni, Zr, Au*	**1968-Bowm**
1968	Hvelplund, P. Fastrup, B. **'Stopping Cross Section in Carbon of 0.2 - 1.5 MeV Atoms with 21 <= Z1 <= 39.'** ***Phys. Rev., 165, 408-14 (1968)*** *Comment : S. (230 - 1470 keV) Sc, Ti, Cr, Mn, Fe, Co, Cu, Ge, Br, W, Y -> C*	**1968-Hvel2**
1969	Bottiger, J. Bason, F. **'Energy Loss of Heavy Ions Along Low-Index Directions in Gold Single Crystals'** ***Rad. Effects, 2, 105-10 (1969)*** *Comment : S. (300-970 keV) N, Ne, Na, Mg, S, Cl, Ar, K, Si, Mn, Fe, Kr, Y, Mo, Ag, Cd, Sb, Xe -> Au*	**1969-Bott**
1974	Jensen, M. Larsson, L. Mathiesen, O. Rosander, R. **'Experimental and Theoretical Absorptance Profiles of Tracks of Fast Heavy Ions in Nuclear Emulsion'** ***Univ. Lund., Sweden (1974)*** *Comment : R. 0.3 < Beta < 0.8 Si, P, Ca, Cr, Fe -> Emulsion*	**1974-Jens**
1976	Myers, S. M. Smugeresky, J. E. **'Phase Equilibria and Diffusion in the Be-Al-Fe System using High Energy Ion Beams'** ***Metal. Trans. A, 7, 795-802 (1976)*** *Comment : R,dR. Al, Fe (30-50 keV) -> Be*	**1976-Myer**

Citations for Ion : Fe

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Tarle, G. Solarz, M. **'Evidence for Higher-Order Contributions to the Stopping Power of Relativistic Iron Nuclei'** ***Phys. Rev. Letters, 41, 483-486 (1978)*** *Comment : 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'** ***Nucl. Inst. Methods, 161, 317-326 (1979)*** *Comment : 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'** ***Rad. Effects, 47, 37-40 (1979)*** *Comment : 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'** ***Rad. Effects, 49, 39-44 (1980)*** *Comment : 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'** ***Nucl. Inst. Methods, 170, 183-188 (1980)*** *Comment : 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'** ***IEEE Trans. Nucl. Sci., NS-28, 1227-1229 (1981)*** *Comment : 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'** ***Nucl. Inst. Methods, 188, 217 (1981)*** *Comment : S. C, Ne, Ar, Fe (450-1870 MeV/amu) -> Ar (P-5) mixture*	**1981-Naga**
1981	Salamon, M. H. Ahlen, S. P. Tarle, G. Creggin, K. C. **'Measurement of Higher Order Corrections to Stopping Power for Relativistic Ne, Ar and Fe Beams'** ***Phys. Rev. A, 23, 1, 73-76 (1981)*** *Comment : R. Ne, Ar, Fe (600 MeV/amu) -> Al, Ar, Pb, Air, Kapton, CO2, Lexan*	**1981-Sala**
1982	Anthony, J. M. Lanford, W. A. **'Stopping Power and Effective Charge of Heavy Ions in Solids'** ***Phys. Rev. A, 25 (4), 1868-1879 (1982)*** *Comment : S. C, Si, Cl, Ti, Fe, Ni, Ge, Br, Nb, I (0.1-3.5 MeV/amu) -> C, Al, Cu, Ag, Au*	**1982-Anth**

Citations for Ion : Fe

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1982	Geissel, H. Laichter, Yl Schneider, W. F. W. Armbruster, P. **'Energy Loss and Energy Loss Straggling of Fast Heavy Ions in Matter'** ***Nucl. Inst. Methods, 194, 21-29 (1982)*** *Comment : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases*	**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'** ***Appl. Rad. Isotopes (UK), 41, 497-500 (1990)*** *Comment : R. C, N, O, Ne, Si, Fe, Ni (6-9 MeV/amu) -> CR-39, Lexan*	**1990-Kuma**
1992	Sharma, S. K. Kumar, S. Sharma, A. P. **'Response of Soda Glass Detectors to U-238 and Fe-56 Ions'** ***Appl. Rad. Isotopes (UK), 43, 1493-1498 (1992)*** *Comment : S. U, Fe (144, 199 MeV/amu) -> Glass & polymer track detectors*	**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'** ***Pis'Ma Zh. Eksp. Teor. Fiz. (Russia), 58, 711-714 (1993) [Eng. Trans. JETP Letters, (1993)]*** *Comment : R. Ne, Ar, Fe, Au, U (0.3-1.2 GeV/amu) -> Emulsion*	**1993-Bogd**
1994	Fageeha, O. Howard, J. Block, R. C. **'Distribution of Radial Energy Deposition around the Track of Energetic Charged Particles in Silicon'** ***J. Appl. Phys., 75, 2317-2321 (1994)*** *Comment : S. C, Al, Fe (10-10,000 MeV) -> Si*	**1994-Fage**
1995	Bogdanov, S. S. Dudkin, V. E. Hassan, J. **'Ranges of 0.2-1.0 GeV/amu Heavy Ions in Nuchor'** ***Rad. Meas. (UK), 25, 111-114 (1995)*** *Comment : R. Ne, Ar, Fe, Au, U (0.2-1.0 GeV/amu) -> BR-2 (Nuchor) photoemulsion*	**1995-Bogd**
1995	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'** ***Nucl. Inst. Methods, A365, 600-602 (1995)*** *Comment : S,R. Au, La, Fe,Na (1-1000 MeV/amu) -> Ar*	**1995-Mozu**
1995	Sharma, S. K. Kumar, S. Sharma, A. P. **'Range of Heavy Ions in Solids'** ***Appl. Rad. Isotopes (UK), 46, 1345-1350 (1995)*** *Comment : R. Fe, Al, Ni (99.5, 123, 199 MeV/amu) -> CR-39, Lexan*	**1995-Shar**
1996	Hari, K. V. Pathak, A. P. Sharma, S. K. Shyam, K. Nath, N. **'Energy Loss of MeV Heavy Ions in Carbon'** ***Nucl. Inst. Methods, B108, 223-226 (1996)*** *Comment : S. Z1 (O - Cu) at 0.1-1.0 MeV/amu -> C*	**1996-Hari**

Citations for Ion : Fe

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1996	Kumar, S. Sharma, S. K. Nath, N. Harikumar, V. Pathak, A.. P. **'Stopping Power of Carbon for Heavy Ions up to Copper'** ***Rad. Effects, 139, 197-206 (1996)*** *Comment : S. Sc, Ti, Cr, Mn, Fe, Cu (0.2-1.0 MeV/amu -> C*	**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'** ***Nucl. Inst. Methods, B129, 143-146 (1997)*** *Comment : S. Si, Fe, Ni, Cu (Vo - 5Vo) -> C*	**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'** ***Rad. Phys. Chem., 59, 249-253 (2000)*** *Comment : S. Fe, Kr (1.3-3.5 MeV/u) ->*	**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'** ***Nucl. Inst. Methods, B183, 34-37 (2001)*** *Comment : S. Li,Be, B, C, N, O, F,Na,Mg,Al,Si,Cr,Mn,Fe (100 - 800 keV/u) -> C*	**2001-Zhan**