

# Citations for Target : **Fe**

<b>Pub. Year</b>	<b>Authors, Title, Journal Citation and Comments</b>	<b>Citation Numb</b>
<b>1920</b>	VonTrautenberg, H. R. 'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern' <i>Z. Physik, 2, 268-276 (1920)</i> <i>Comment : R. 7.7 MeV He -&gt; H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.</i>	<b>1920-VonT</b> 0123
<b>1928</b>	Rosenblum, S. 'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere' <i>Ann. de Physique, 10, 408-471 (1928)</i> <i>Comment : S. 5.3 - 7.7 MeV He -&gt; Li, Al, Fe, Ni, Cu, Zn, Mo, Pd, Ag, Cd, Sn, Pt, Au, Pb, Mica, AuAg Alloys, Ag-Cu Alloys</i>	<b>1928-Rose</b> 0110
<b>1941</b>	Wilson, R. R. 'Range and Ionization Measurements on High Speed Protons' <i>Phys. Rev., 60, 749-53 (1941)</i> <i>Comment : S. 4 MeV H -&gt; Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.</i>	<b>1941-Wils</b> 0136
<b>1951</b>	Bakker, C. J. Segre, E. 'Stopping Power and Energy Loss for Ion-Pair Production for 340 MeV Protons' <i>Phys. Rev., 84, 489-92 (1951)</i> <i>Comment : S. Rel. To Al And Cu. 340 MeV H -&gt; H2, Li, Be,C, Al, Fe, Cu, Ag, Sn, W, Pb, U</i>	<b>1951-Bakk</b> 0218
<b>1955</b>	Rybakov, B. V. 'Ranges of Protons in Medium and Heavy Elements' <i>Zh. Eksp. Teor. Fiz., 28, 651-54 (1955) [Engl. Trans. Sov. Phys. JETP, 1, 435-38 (1955)]</i> <i>Comment : R. 1-7 MeV H -&gt; Fe, Cu, Mo, Cd, Sn, Pd, Ta Rel. To Al</i>	<b>1955-Ryba</b> 0111
<b>1957</b>	Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev., 106, 848-51 (1957)</i> <i>Comment : S. Rel. To Al. 19.8 MeV H -&gt; Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th</i>	<b>1957-Burk</b> 0149
<b>1958</b>	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 -&gt; Polystyvene, Teflon, Saran, Ti, Fe, Zn, Cu, Mo, Ag, Au</i>	<b>1958-Schm</b> 0723
<b>1959</b>	Zrelov, V. P. Stoletov, G. D. 'Range-Energy Relation for 660 MeV Protons' <i>Zh. Eksp. Teor. Fiz., 36, 664-72 (1959) [Engl. Trans. Sov. Phys. JETP, 9, 461-67 (1959)]</i> <i>Comment : R. 660 MeV H -&gt; Cu. S Rel. To Cu, 635 MeV H -&gt; H, Be, C, Fe, Cd, W</i>	<b>1959-Zrel</b> 0222

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1964	Wiechmann, W. Ertel, D. Zimen, K. 'Kernruckstoss in Festkorpern 5. Die Reaktion Fe56(n,p)Mn56.' <i>Nukleonika</i> , 6, 235-37 (1964) <i>Comment</i> : R. 219 keV 56Mn -> Fe	1964-Wieck 0367
1967	Valentine, C. K. Blann, M. 'Mean Ranges of 0.2 to 5 MeV Nickel and Cobalt Isotopes in Iron.' <i>Bull. Am. Phys. Soc.</i> , 12, 29 (1967) <i>Comment</i> : R. 0.2-5.0 MeV Ni, Co -> Fe	1967-Vale 0299
1968	Andersen, H. H. Hanke, C. C. Simonsen, H. Sorensen, H. Vajda, P. 'Stopping Power of the Elements Z = 20 through Z = 30 for 5 - 12 MeV Protons and Deuterons' <i>Phys. Rev.</i> , 175, 389-95 (1968) <i>Comment</i> : S. 5-12 MeV H, D -> Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn	1968-Ande 0358
1968	Biersack, J. P. 'Range of Recoil Atoms in Isotropic Stopping Materials' <i>Z. Physik</i> , 211, 495-501 (1968) <i>Comment</i> : R. (96-1335 keV) Al, Na, Mn, Mg, Co, Cu, Ra -> Al, Fe, Ni, Ar, Ne, O2, N2, CH4, He, H2, CuO, Al2O3	1968-Bier 0332
1968	Mory, J. 'Parcours Moyen Des Fragments De Fission Dans Quelques Metaux Avec Le Mica Comme Detecteur' <i>Rev. Physique Appl.</i> , 3, 387-95 (1968) <i>Comment</i> : S. Fission Fragments -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Au	1968-Mory 0834
1969	Arkipov, E. P. Gott, Yu. V. 'Slowing Down of 0.5 - 30 keV Protons in Some Materials.' <i>Zh. Eksp. Teor. Fiz.</i> , 56, 1146-51 (1969). [ <i>Engl. Trans. Sov. Phys. JETP</i> , 29, 615-18 (1969)] <i>Comment</i> : S. 0.5-30 keV H -> C, Ti, Al, Cu, Ni, Fe, Ge, Si, Sb, Bi	1969-Arkh 0410
1969	Chu, W. K. Powers, D. 'Alpha-Particle Stopping Cross Sections in Solids from 400 keV to 2 MeV' <i>Phys. Rev.</i> , 187, 478-90 (1969) <i>Comment</i> : S. 0.4-2.0 MeV He -> Be, C, Mg, Al, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Ge, Pd, Ag, In, Sn	1969-Chu 0382
1969	White, W. Mueller, R. M. 'Electron-Stopping Cross Sections of 1H, 4He Particles in Cr, Mn, Fe, Co, Ni, and Cu at Energies Near 100 keV' <i>Phys. Rev.</i> , 187, 499-503 (1969) <i>Comment</i> : S. 25-140 keV H, 40-120 keV He -> Cr, Mn, Fe, Co, Ni, Cu	1969-Whit 0389
1970	Apel, D. Muller-Jahreis, U. Schwabe, S. 'On the Z2-Dependence of Electronic Stopping Cross Section' <i>Phys. Stat. Sol. A</i> , 3, K173-75 (1970) <i>Comment</i> : S. 10-100 keV Li -> Si, V, Cr, Fe, Ge, Se	1970-Apel 0655

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1970	Clark, G. J. Morgan, D. V. Poate, J. M. 'Energy Loss of Channeled Protons in the MeV Region, in D' <i>W. Palmer, M. W. Thompson, P. D. Townsend: Atomic Collision Phenomena in Solids. North-Holland, Amsterdam, P. 388-99 (1970)</i>	1970-Clar 0391
	<i>Comment : S, dS. (4-8 MeV) H -&gt; SiC, W, Fe, Ge, Mo, NaCl, MgO (All Targets Cryst.)</i>	
1970	Mory, J. DeGuilebon, D. Delsarte, G. 'Mesure Du Parcours Moyen Des Fragments De Fission Avec Le Mica Comme Detecteur-Influence De La Texture Cristalline' <i>Rad. Effects, 5, 37-40 (1970)</i>	1970-Mory 0419
	<i>Comment : R. Fiss. Fragm. -&gt; Al, Ti, Fe, Ni, Cu, Zr, Nb, Mo, Pd, Ag, Ta, W, Au</i>	
1971	Leminen, E. Anttila, A. 'Energy Loss and Straggling of 0.6 -2.0 MeV Protons in Fe, Co and Sb.' <i>Ann. Acad. Sci. Fenn. Ser. A Vi, Physics, No. 370, 1-15 (1971)</i>	1971-Lemi 0490
	<i>Comment : S. 0.6-2.0 MeV H -&gt; Fe, Co, Sb</i>	
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>	1972-Bjor 0481
	<i>Comment : S. 0.5-2.0 MeV C, O, N -&gt; Cr, Fe, Co, Ni, Cu, Zn</i>	
1972	Clark, A. R. Field, R. C. Frisch, H. J. Holley, W. R. Johnson, R. P. 'Observed Difference in the Ranges of Positive and Negative Muons' <i>Phys. Letters, 41B, 229-33 (1972)</i>	1972-Clar 0462
	<i>Comment : R. 850-1100 MeV/c Mu+, Mu- -&gt; Fe</i>	
1973	Chu, W. K. Ziegler, J. F. Mitchell, I. V. Mackintosh, W. D. 'Energy-Loss Measurements of 4He Ions in Heavy Metals' <i>Appl. Phys. Letters, 22, 437-39 (1973)</i>	1973-Chu 3 0124
	<i>Comment : S. 2.0 MeV He -&gt; Al, Si, V, Fe, Co, Ni, Cu, In, Ge, Mo, Sb, Te, Gd, Hf, Ta, W, Ir, Pt, Au, Pb</i>	
1973	Ishiwari, R. Shiomi, N. Shirai, S. 'Tabulated Results of Stopping Power Measurements of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28.8 MeV Alpha Particles.' <i>J. Phys. Soc. Jap. (1973).</i>	1973-Ishi 0920
	<i>Comment : S. 28.8 MeV He -&gt; Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	
1974	Ishiwari, R. Shiomi, N. Shirai, S. Uemara, Y. 'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn and Au for 7.2 MeV Protons' <i>Bull. Inst. Chem. Res. Kyoto Univ., 52, 19-39 (1974)</i>	1974-Ishi2 0443
	<i>Comment : S. 7.2 MeV H -&gt; Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i>	

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1974	Ishiwari, R. Shiomi, N. Shirai, S. Uemura, Y. 'Stopping Powers of Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta and Au for 7.2 MeV Protons' <i>Phys. Letters, 48A, 96-98 (1974)</i> <i>Comment : S. H (7.2 MeV) -&gt; Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i>	1974-Ishi3 1673
1975	Ishiwari, R. Shiomi, N. Shirai, S. 'Z1*3 Effect on the Stopping Powers of Several Metallic Elements for 28.8 MeV Alpha Particles: Deviations of Experimental Data from Theories.' <i>Phys. Letters A, 51, 54-54 (1975)</i> <i>Comment : S. 28.8 MeV He -&gt; Al, Ti, Fe, Ni, Cu, Mo, Ag, Ta, Au</i>	1975-Ishi 0781
1975	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Range, Distribution and Stopping Power of 800-keV 14N+ Ions Implanted in Metals from Z2 = 22 to Z2 = 32' <i>Phys. Rev. A, 12, 2383-92 (1975)</i> <i>Comment : R, dR, S. 800 keV N -&gt; Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge</i>	1975-Simo 0798
1976	Callaghan, P. T. Kittel, P. Stone, N. J. Johnson, P. D. 'Impurity-Site Distribution of Implanted Bi in Iron and Nickel Studied by Channeling and Nuclear Orientation' <i>Phys. Rev. B, 14, 3722-31 (1976)</i> <i>Comment : R, dR, 200 keV Bi -&gt; Fe, Ni (Cryst. Chann. And Random)</i>	1976-Call 0919
1976	Forster, J. S. Ward, D. Andrews, H. R. Ball, G. C. Costa, G. J. 'Stopping Power Measurements for 19F, 24Mg, 27Al, 32S and 35Cl at Energies 0.2 to 3.5 MeV/Nucleon in Ti, Fe, Ni, Cu, Ag and Au.' <i>Nucl. Inst. Methods, 136, 349-59 (1976)</i> <i>Comment : S. 2.2 MeV H, 0.2-3.5 MeV/amu F, Mg, Al, S, Cl -&gt; Ti, Fe, Ni, Cu, Ag, Au</i>	1976-Fors 0821
1976	Kaminsky, M. Das, S. K. 'Surface Erosion Phenomena in Connection with CTR Applications' <i>Scientific and Industrial Applications of Small Accelerators, Ieee 4Th Conference, 238-245 (1976)</i> <i>Comment : R. 20 keV-1 MeV He -&gt; V, Nb, Fe. Ranges From Metal Blister Skin Thickness.</i>	1976-Kami2 0962
1976	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Unfolding Techniques for the Determination of Distribution Profiles from Resonance Reaction Gamma-Ray Yields' <i>O. Meyer, G. Linker, F. Kappeler (Ed.): Ion Beam Surface Layer Analysis. Plenum, N. Y., 851-61 (1976)</i> <i>Comment : R,dR. 800 keV N -&gt; Z2 = 22-32, 40-42</i>	1976-Land 0808
1976	Neuwirth, W. Pietsch, W. Hauser, U. 'Stopping Cross Sections of Elements with Z=2 to 87 for Li Ions with Energies Between 80 keV and 840 keV' <i>Physics Data, Erstes Physikalisches Institut, Univ. Zu Koln, Germany (1976)</i> <i>Comment : S. 80-840 keV Li -&gt; (2 &lt;= Z2 &lt;= 87)</i>	1976-Neuw 1178

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1976	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Range Distributions and Electronic Stopping Powers of Energetic 14N+ Ions' <i>Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 703-709 (1976)</i> <i>Comment : S, R. 200 keV-1.6 MeV N -&gt; Fe Ni Zr</i>	1976-Simo 1014
1976	Simons, D. G. Land, D. J. Brennan, J. G. Brown, M. D. 'Z2 Dependence of the Electronic Stopping Power of 800 keV 14N+ Ions in Targets from Carbon through Molybdenum' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 863-71 (1976)</i> <i>Comment : S. 800 keV N -&gt; Z2 = 22-32, 40-42</i>	1976-Simo2 0848
1977	Ishiwari, R. Shiomi, N. Shirai, S. 'Stopping Powers for Protons in 16 Metallic Elements' <i>Bull. Inst. Chem. Res. Kyoto Univ., 55, 60-61 (1977)</i> <i>Comment : S. (3-9 MeV) H -&gt; Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1977-Ishi 1102
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) -&gt; C, Ni, Co, Nb. 300 keV He, Ne, F, O, N -&gt; C, Al, Ti, Mn, Fe, Co, Ni, Cu, Nb, Ag, Au</i>	1977-Mert 0928
1977	Thornton, T. A. Anno, J. N. 'Secondary Electron Emission from 0.5-2.5 MeV Protons and Deuterons' <i>J. Appl. Phys., 48, 1718 (1977)</i> <i>Comment : H, D (0.5-2.5 MeV) -&gt; Al, V, Fe, Nb, Mo, steel Secondary electron yields.</i>	1977-Thor2 1953
1978	Baglin, J. E. E. Chu, W. K. 'Stopping Power of 0.3 - 2.6 MeV 4He Ions in Fe and Ni.' <i>Nucl. Inst. Methods, 149, 695-699 (1978).</i> <i>Comment : S. 0.3 - 2.6 MeV 4He -&gt; Fe, Ni</i>	1978-Bagl 0927
1978	Biersack, J. P. Fink, D. Henkelmann, R. A. Muller, K. 'Range Profiles and Thermal Release of Helium Implanted into Various Metals' <i>Nucl. Inst. Methods, 149, 93 (1978)</i> <i>Comment : S,R,dR. 0.2-340 keV H, 3He -&gt; Ni, Cu, Ag, Au, Pt, Be, Zr, Fe, Nb, Mo</i>	1978-Bier 1147
1978	Covino, B. S. Sartwell, B. D. Needham, P. B. 'Anodic Polarization Behavior of Fe-Cr Surface Alloys Formed by Ion Implantation' <i>J. Electrochem. Soc., 125, 366-369 (1978)</i> <i>Comment : R. 25 keV Cr -&gt; Fe</i>	1978-Covi 1121

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<b>1978</b>	Dearnaley, G. Hartley, N. E. W. 'Ion Implantation into Metals and Carbides' <i>Thin Solid Films, 54, 215-232 (1978)</i> <i>Comment : R, dR. 100 keV N -&gt; Fe, 60 keV Cu -&gt; Ti</i>	<b>1978-Dear</b> 1243
<b>1978</b>	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Re-Evaluation of Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ., 56, 47-48 (1978)</i> <i>Comment : S, dS. 28 MeV He -&gt; Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	<b>1978-Ishi3</b> 1169
<b>1978</b>	Sartwell, B. D. 'Formation of Corrosion-Resistant Surface Alloys by Metal Implantation' <i>Thin Solid Films, 54, 233-242 (1978)</i> <i>Comment : R, dR. 25 keV Cr, Ni -&gt; Fe</i>	<b>1978-Sart</b> 1244
<b>1978</b>	Vedmanov, G. D. Neshov, F. G. Puzanov, A. A. Urmanov, A. R. 'Determining Stopping Power from Spectra of Backscattered Ions' <i>Sov. Atom. Energy, 45, 989-991 (1978)</i> <i>Comment : S. N (0.75-7.4MeV) -&gt; Fe, Ge, GaAs, FeGe2</i>	<b>1978-Vedm</b> 1537
<b>1979</b>	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 67.5 MeV Protons.' <i>Phys. Letters, 75A, 112-114 (1979)</i> <i>Comment : S. 6.5- 7 MeV H -&gt; Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	<b>1979-Ishi2</b> 1349
<b>1979</b>	Myers, S. M. Picraux, S. T. Stoltz, R. E. 'Defect Trapping in Ion-Implanted Deuterium in Fe' <i>J. Appl. Phys., 50, 5710-19 (1979)</i> <i>Comment : R, dR. 60 keV D -&gt; Fe</i>	<b>1979-Myer</b> 1296
<b>1979</b>	Pucherov, N. N. Chesnokova, T. D. 'Energy loss of Helium Ions 3-7 MeV in B, Ti, Fe, Ni, Ni, Cu (In Russian)' <i>Ukr. Fiz. Zh., 24, 372-376 (1979)</i> <i>Comment : S. He (3-7 MeV) -&gt; B, Bi, Fe, Ni, Cu..</i>	<b>1979-Puch</b> 1956
<b>1980</b>	Campbell, A. B. Sartwell, B. D. Needham, P. B. Jr. 'Depth Profiling of Ion-Implanted Alloys' <i>J. Appl. Phys., 50, 283-289 (1980)</i> <i>Comment : R, dR. 25 keV Ni, Cr, Al -&gt; Fe</i>	<b>1980-Camp</b> 1298
<b>1980</b>	Hamm, R. N. Turner, J. E. Wright, H. A. Ritchie, R. H. 'Heavy-Ion Track Structure in Silicon' <i>Preprint (1980) 2</i> <i>Comment : R, dR. 800 keV N -&gt; Z2 = 22-32, 40-42</i>	<b>1980-Hamm</b> 1352

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<b>1980</b>	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Preprint (1980) 1</i> <i>Comment : R, dR. 200-2000 keV N -&gt; Fe, Ni, Zr</i>	<b>1980-Land</b> 1351
<b>1980</b>	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 68-75 (1980)</i> <i>Comment : S,R,dR. 25-2000 keV N -&gt; Fe, Ni, Zr, Au, Ti, V, Cr, Mn, Co, Ni, Cu, Zn, Ga, Ge, Nb, Mo, Tc, Ru, Rh, Pd, Ag, Cd, In, Sn, Sb, Te</i>	<b>1980-Land2</b> 1373
<b>1980</b>	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. 'Z2 and Energy Dependence of Range Distributions and Stopping Powers for Nitrogen Ions in Solids' <i>Phys. Rev. A, 22, 1, 68-75 (1980)</i> <i>Comment : S,R, dR. N (800 keV) -&gt; 24 Solids (C-Pb)</i>	<b>1980-Land3</b> 1453
<b>1980</b>	Land, D. J. Simons, D. G. Brennan, J. G. Brown, M. D. Hirvonen, J. K. 'Range Distributions for 25-200 keV N-14 Ions' <i>Rad. Effects, 48, 105-108 (1980)</i> <i>Comment : R, dR. N (25-200 keV) -&gt; Fe, Ni, Zr, Au</i>	<b>1980-Land4</b> 1530
<b>1980</b>	Myers, S. M. 'Implanted and Annealed Alloys in Physical Metallurgy' <i>Rad. Effects, 49, 95-106 (1980)</i> <i>Comment : R, dR. 200 keV Cu -&gt; Be: Sb, Ti -&gt; Fe</i>	<b>1980-Myer3</b> 1387
<b>1982</b>	Bodart, F. DeConninck, G. 'Concentration Depth Profiling in Fluorine Implanted Iron' <i>Nucl. Inst. Methods, 197, 59-63 (1982)</i> <i>Comment : R. F (50 keV) -&gt; Fe</i>	<b>1982-Boda</b> 2018
<b>1982</b>	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Stopping Powers of Metallic Elements for 6.75 MeV Protons' <i>Nucl. Inst. Methods, 194, 61-65 (1982)</i> <i>Comment : S. 6.5- 7 MeV H -&gt; Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	<b>1982-Ishi</b> 1675
<b>1982</b>	Mertens, P. Krist, Th. 'Electronic Stopping Cross-sections for 30 - 300 keV Protons in Materials with $23 < Z2 < 30$ ' <i>Nucl. Inst. Methods, 194, 57-60 (1982)</i> <i>Comment : S. H (30-300 keV) -&gt; (23 &lt;= Z2 &lt;= 30)</i>	<b>1982-Mert2</b> 1393
<b>1982</b>	Mertens, P. Krist, Th. 'Stopping Ratios for 30 - 300 keV Ions with $1 <= Z2 <= 5$ ' <i>J. Appl. Phys., 53 (11), 7343 - 7349 (1982)</i> <i>Comment : S. H, He, Li, Be, B (30-330 keV) -&gt; C, V, Cr, Fe, Ni, Zn</i>	<b>1982-Mert3</b> 1394

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<b>1983</b>	Fink, D. Biersack, J. P. Stadele, M. Tjan, K. Cheng, V. K. 'Nitrogen Depth Profiling using the N(n,p)C Reaction' <i>Nucl. Inst. Methods, 218, 171-175 (1983)</i> <i>Comment : R. N(1.5 MeV) -&gt; Al, Si, Fe, Ni, Cu, Co, Ge,Zr, Nb, Mo, Sn, Pb</i>	<b>1983-Fink2</b> 2117
<b>1983</b>	Ribas, R. V. Seale, W. A. Rao, M. N. 'Stopping of Silver Ions in Solids' <i>Phys. Rev. A, 28 (6), 3234-3237 (1983)</i> <i>Comment : S. Ag (50-200 keV/amu) -&gt; Al, Ti, V, Fe, Ni, Zn, Zr, Pd</i>	<b>1983-Riba</b> 1443
<b>1984</b>	Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 \leq Z_1 \leq 5$ ' <i>Nucl. Inst. Methods, B2, 119-122 (1984)</i> <i>Comment : S. H, He, Li, Be, B (50-350 keV) -&gt; C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi</i>	<b>1984-Kris</b> 1467
<b>1985</b>	Land, D. J. Simons, D. G. Brennan, J. G. Glass, G. A. 'Range Distributions and Electronic Stopping Power of Nitrogen Ions in Solids' <i>Nucl. Inst. Methods, B10/11, 234-236 (1985)</i> <i>Comment : S,R, dR. N (800 keV) -&gt; 24 Solids (C-Pb)</i>	<b>1985-Land</b> 1454
<b>1987</b>	Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. 'Range Profiles of Helium in Solids' <i>Rad. Effects, 104, 1-42 (1987)</i> <i>Comment : R. He-3 (50-1500 keV) -&gt; Be, C, Mg, Al, Si, Ti, V, Mn, Fe, Ca, Ni, Cu, Zn, Ge, Zr, Nb, Mo, Ag, Cd, In, Sn, Sb, Tb, Dy, Er, Ta, W, Ir, Pt, Au, Pb, Bi, SiC, MnO2</i>	<b>1987-Fink</b> 1645
<b>1987</b>	Hautala, M. Anttila, A. Hirvonen, J. 'Range and Damage Distributions of Low Energy He Ions in alpha-Fe and Mo' <i>Nucl. Inst. Methods, B19/20, 50-54 (1987)</i> <i>Comment : R, dR. He (5-60 keV) -&gt; Mo, alpha-Fe</i>	<b>1987-Haut</b> 1533
<b>1988</b>	Ishiwari, R. Shiomi-Tsuda, N. Sakamoto, N. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, TA, Pt and Au for 6.5 MeV Protons' <i>Nucl. Inst. Methods, B31, 503 (1988)</i> <i>Comment : S. H (6.5 MeV) -&gt; Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au (mean excitation energies)</i>	<b>1988-Ishi2</b> 1682
<b>1988</b>	Lewic, M. B. Allen, W. R. 'Range Distributions of 200 keV Helium in Selected Metals and Ceramics' <i>Nucl. Inst. Methods, B35, 10-16 (1988)</i> <i>Comment : R, dR. He (200 keV)-&gt; Mg, Al, Ti, V, Fe, Ni, Zr, Nb, Cl2O3, MgO</i>	<b>1988-Lewi</b> 1517



# Citations for Target : **Fe**

<b>Pub. Year</b>	<b>Authors, Title, Journal Citation and Comments</b>	<b>Citation Numb</b>
<b>1988</b>	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. 'Magnitude of the Z <sup>1/3</sup> Correction and the Values of Mean Excitation Potential for 21 Metallic Elements' <i>Nucl. Inst. Methods, B33, 158 (1988)</i> <i>Comment : S. H, He (6.5 MeV) -&gt; Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)</i>	<b>1988-Saka</b> 1752
<b>1990</b>	Arstila, K. Keinonen, J. Tikkanen, P. 'Stopping Power for Low Velocity Heavy Ions: 0-1.0 MeV Mg Ions in 17 (z <sup>2</sup> =22-79) Elemental Solids' <i>Phys. Rev. B, 41, 6117-6123 (1990)</i> <i>Comment : S. Mg (0-1.0 MeV/amu) -&gt; Ti, V, Fe, Co, Ni, Cu, Ge, Nb, Mo, Pd, Ag, Hf, Ta, W, Re, Pt, Au</i>	<b>1990-Arst</b> 1923
<b>1991</b>	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) -&gt; Solids (Z=14-82)</i>	<b>1991-Kuro</b> 1914
<b>1992</b>	Bichsel, H. Hiraoka, T. 'Energy Loss of 70 MeV Protons in Elements' <i>Nucl. Inst. Methods, B66, 345-351 (1992)</i> <i>Comment : S. H (70 MeV) -&gt; C, H<sub>2</sub>O, SiO<sub>2</sub>, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb</i>	<b>1992-Bich2</b> 1624
<b>1994</b>	Jakob, G. Cub, J. Speidel, K. H. Kremeyer, S. Busch, H. 'On the Ion Beam Stopping Power Dependence of Transient Magnetic Fields in Fe- and Gd- Hosts' <i>Z. Physik D, 32, 7-11 (1994)</i> <i>Comment : S. Mg, Si, Ti -&gt; Fe and Gd compounds</i>	<b>1994-Jako</b> 1503
<b>1994</b>	Nickel, F. Folger, H. Geissel, H. Jager, E. Marx, D. 'Energy Loss Differences of Alpha Particles in Ferromagnetic and Paramagnetic Solids' <i>Nucl. Inst. Methods, B90, 20-23 (1994)</i> <i>Comment : S. He (5-6 MeV) -&gt; Fe and Gd magnetic materials</i>	<b>1994-Nick</b> 2073
<b>1994</b>	Shiomi Tsuda, N. Sakamoto, N. Ishiwari, R. 'Stopping Powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt and Au for 13 MeV Deuterons' <i>Nucl. Inst. Methods, B93, 391-398 (1994)</i> <i>Comment : S. D (13 MeV) -&gt; Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	<b>1994-Shio</b> 2051
<b>1995</b>	Shevchenko, V. A. 'Stopping Power Measurements of Low Energy Protons using Backscattering on the Target' <i>Metall-Novei.-Tekh., 17, 27-29 (1995) Translated in "Physics of Metals"</i> <i>Comment : S. H (80-240 keV) -&gt; Si, Cd, Fe, Au, YBaCuO</i>	<b>1995-Shev</b> 2378

# Citations for Target : **Fe**

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<i>Pub. Year</i>	<i>Authors, Title, Journal Citation and Comments</i>	<i>Citation Numb</i>		
<b>1996</b>	Speidel, K. H. Jakob, G. Busch, H. Grabowy, U. Cub, J. <b>'Range and Stopping Power Dependence of Heavy Ion Induced Demagnetizations of Ferromagnetic Materials'</b> <i>Nucl. Inst. Methods, B107, 133-137 (1996)</i> <i>Comment : S,R. Heavy Ions (130-160 MeV) -&gt; Ferromagnetic materials</i>	<table border="1"><tr><td><b>1996-Spei</b></td></tr><tr><td>1826</td></tr></table>	<b>1996-Spei</b>	1826
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