

Citations for Ion = **H** , Target = **Fe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1941	Wilson, R. R. 'Range and Ionization Measurements on High Speed Protons' <i>Phys. Rev.</i> , 60, 749-53 (1941) <i>Comment</i> : S. 4 MeV H -> Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.	1941-Wils 0136
1951	Bakker, C. J. Segre, E. 'Stopping Power and Energy Loss for Ion-Pair Production for 340 MeV Protons' <i>Phys. Rev.</i> , 84, 489-92 (1951) <i>Comment</i> : S. Rel. To Al And Cu. 340 MeV H -> H2, Li, Be, C, Al, Fe, Cu, Ag, Sn, W, Pb, U	1951-Bakk 0218
1955	Rybakov, B. V. 'Ranges of Protons in Medium and Heavy Elements' <i>Zh. Eksp. Teor. Fiz.</i> , 28, 651-54 (1955) [Engl. Trans. Sov. Phys. JETP, 1, 435-38 (1955)] <i>Comment</i> : R. 1-7 MeV H -> Fe, Cu, Mo, Cd, Sn, Pd, Ta Rel. To Al	1955-Ryba 0111
1957	Burkig, V. C. Mackenzie, K. R. 'Stopping Power of Some Metallic Elements for 19.8 MeV Protons' <i>Phys. Rev.</i> , 106, 848-51 (1957) <i>Comment</i> : S. Rel. To Al. 19.8 MeV H -> Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th	1957-Burk 0149
1959	Zrelov, V. P. Stoletov, G. D. 'Range-Energy Relation for 660 MeV Protons' <i>Zh. Eksp. Teor. Fiz.</i> , 36, 664-72 (1959) [Engl. Trans. Sov. Phys. JETP, 9, 461-67 (1959)] <i>Comment</i> : R. 660 MeV H -> Cu. S Rel. To Cu, 635 MeV H -> H, Be, C, Fe, Cd, W	1959-Zrel 0222
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
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). [Engl. Trans. Sov. Phys. JETP, 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	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	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> <i>Comment</i> : S, dS. (4-8 MeV) H -> SiC, W, Fe, Ge, Mo, NaCl, MgO (All Targets Cryst.)	1970-Clar 0391

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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> <i>Comment : S. 0.6-2.0 MeV H -> Fe, Co, Sb</i>	1971-Lemi 0490
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> <i>Comment : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i>	1974-Ishi2 0443
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) -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au</i>	1974-Ishi3 1673
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 -> Ti, Fe, Ni, Cu, Ag, Au</i>	1976-Fors 0821
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 -> 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) -> 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 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) -> Al, V, Fe, Nb, Mo, steel Secondary electron yields.</i>	1977-Thor2 1953
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 -> Ni, Cu, Ag, Au, Pt, Be, Zr, Fe, Nb, Mo</i>	1978-Bier 1147

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1979	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 -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1979-Ishi2 1349
1979	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 -> Fe</i>	1979-Myer 1296
1982	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 -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i>	1982-Ishi 1675
1982	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) -> (23 <= Z2 <= 30)</i>	1982-Mert2 1393
1982	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) -> C, V, Cr, Fe, Ni, Zn</i>	1982-Mert3 1394
1984	Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 <= Z1 <= 5$ ' <i>Nucl. Inst. Methods, B2, 119-122 (1984)</i> <i>Comment : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi</i>	1984-Kris 1467
1988	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) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au (mean excitation energies)</i>	1988-Ishi2 1682
1988	Sakamoto, N. Shiomi, N. Ogawa, H. Ishiwari, R. 'Magnitude of the $Z1^3$ 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) -> Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)</i>	1988-Saka 1752

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1992	Bichsel, H. Hiraoka, T. 'Energy Loss of 70 MeV Protons in Elements' <i>Nucl. Inst. Methods, B66, 345-351 (1992)</i> Comment : S. H (70 MeV) -> C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb	1992-Bich2 1624
1994	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> Comment : S. D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au	1994-Shio 2051
1995	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> Comment : S. H (80-240 keV) -> Si, Cd, Fe, Au, YBaCuO	1995-Shev 2378