

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-------------|---|-------------------|
| 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 |
| 1958 | Schmitt, R. A. Sharp, R. A. 'Measurement of the Range of Recoil Atoms' <i>Phys. Rev. Letters</i> , 1, 445-47 (1958) <i>Comment</i> : 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 0723 |
| 1962 | Gott, Yu. V. Telkovskiy, V. G. 'Energy Losses of Light Ions in Thin Metallic Foils' <i>Radioteknika I. Elek. (USSR)</i> , 7, 1956-61 (1962) [<i>Engl. Trans:Rad. Eng. and Electron Phys.</i> , 7, 1813-19 (1962)] <i>Comment</i> : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au | 1962-Gott 0159 |
| 1963 | Nakano, G. H. Mackenzie, K. R. Bichsel, H. 'Relative Stopping Power of Some Metallic Elements for 28 MeV Protons.' <i>Phys. Rev.</i> , 132, 291-93 (1963) <i>Comment</i> : S. Rel. To Al. 28.7 MeV H -> Be, Ti, V, Co, Ni, Cu, Ag, Ta, W, Ir, Au | 1963-Naka 0146 |
| 1967 | Borovik, E. S. Katrich, N. P. Nikolaev, G. T. 'The Determination of the Penetration Coefficient of Fast H+ Ions in Metals by the Condensation Method' <i>Atomnaya Energiya (USSR)</i> , 23, 102-05 (1967) [<i>Engl. Trans. Sov. Atom. Energ.</i> , 23, 793-96 (1967)]. <i>Comment</i> : R. 35 keV H -> Ni, Ti | 1967-Boro 0764 |
| 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 | 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 | Arkhipov, 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 |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|------------------|--|---------------------------|
| 1969 | Bernhard, F. Muller-Jahreis, U. Rockstroh, G. Schwabe, S. 'Stopping Cross Sections of Li ⁺ Ions with Energies from 30 to 100 keV in Various Target Materials' <i>Phys. Stat. Sol.</i> , 35, 285-89 (1969) <i>Comment</i> : S. 30-100 keV Li -> C, Al, Ti, Ni, Cu | 1969-Bern 0395 |
| 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 |
| 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</i> , 5, 37-40 (1970) <i>Comment</i> : R. Fiss. Fragm. -> Al, Ti, Fe, Ni, Cu, Zr, Nb, Mo, Pd, Ag, Ta, W, Au | 1970-Mory 0419 |
| 1971 | Ormrod, J. H. 'Electronic Stopping Cross Sections of Deuterons in Titanium' <i>Nucl. Inst. Methods</i> , 95, 49-51 (1971) <i>Comment</i> : S. 30-100 keV H, D -> Ti | 1971-Ormr 0442 |
| 1972 | Leminen, E. 'Stopping Power of Ti, Mo, Ta, and W for 0.5 to 1.75 MeV Protons.' <i>Ann. Acad. Sci. Fenn. Ser. A Vi, Phys. No. 386</i> , 1-14 (1972) <i>Comment</i> : S. 0.5-1.75 MeV H -> Ti, Mo, Ta, W | 1972-Lemi 0493 |
| 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.</i> (1973). <i>Comment</i> : S. 28.8 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au | 1973-Ishi 0920 |
| 1974 | Blewer, R. S. 'Proton Backscattering as a Technique for Light Ion Surface Interaction Studies in Ctr Materials Investigations' <i>J. Nucl. Mater.</i> , 53, 268-75 (1974) <i>Comment</i> : R, dR. 50-150 keV He -> Cu, 50 keV He -> Ti, V, Nb | 1974-Blew 0607 |
| 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.</i> , 52, 19-39 (1974) <i>Comment</i> : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au | 1974-Ishi2 0443 |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-----------|--|--------------------|
| 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 |
| | 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 -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Ta, Au</i> | 1975-Ishi 0781 |
| 1975 | Leminen, E. Fontell, A. 'Stopping Power of Ti, Mo, Ag, Ta and W for 0.5 - 1.75 MeV 4He Ions.' <i>Rad. Effects, 22, 39-44 (1975)</i> <i>Comment : S. 0.5-1.75 MeV He -> Ti, Mo, Ag, Ta, W</i> | 1975-Lemi 0634 |
| | Neshev, F. G. Puzanov, A. A. Shyshkin, K. S. Sirotinin, E. I. Tulinov, A. F. 'The Determination of Energy Losses of Nitrogen Ions from Backscattering Spectra' <i>Rad. Effects, 25, 271-73 (1975)</i> <i>Comment : S. 1.0-7.4 MeV N -> Ti, Ge, Ni, Ag, Au, W</i> | 1975-Nesh 0782 |
| 1975 | Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'On the Invalidity of Bragg's Rule in Stopping Cross Sections of Molecules for Swift Li Ions' <i>Z. Physik A, 275, 215 (1975)</i> <i>Comment : S. 80 - 840 keV Li -> B, Al, Ti, Ta, H2O, D2O, Plus 26 Compounds Of Boron (Doppler-Shift Attenuation Method)</i> | 1975-Neuw 0929 |
| | Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'Electronic Stopping Cross Sections of Elements and Compounds for Swift Lithium Ions' <i>Z. Physik A, 275, 209-14 (1975)</i> <i>Comment : S. 80-840 keV Li -> Be, B, Al, Ti, Cu, Ta, AlB2, AlB12, B4C, B2O3, BPO4, B4Si, CaB6, CeB6, Crb, Crb2, Cr2B3, H2O, D2O, HBO2, H3BO3, HFB2, KBF4, KBH4, LaB6, LiBH</i> | 1975-Neuw2 0813 |
| 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 -> Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, Ge</i> | 1975-Simo 0798 |
| | 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 |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-----------|---|--------------------|
| 1976 | Hoffman, G. E. Powers, D. 'Energy Straggling of Alpha Particles in Solid Materials' <i>Phys. Rev. A, 13, 2042-48 (1976).</i> <i>Comment : S, dS. 0.5-2.0 MeV He -> Ti, Cr, Co, Cu, Ag</i> | 1976-Hoff2 0865 |
| 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 -> Z2 = 22-32, 40-42</i> | 1976-Land 0808 |
| 1976 | Lefevre, H. W. Anderson, J. D. Davis, J. C. 'Depth Profiling of Tritium Implanted in Titanium' <i>4th Conf. on Uses of Small Accelerators, Preprint: UCRL-78624 (1976)</i> <i>Comment : R, dR. 400 keV 3H -> Ti, Cu (Various Doses).</i> | 1976-Lefe 0933 |
| 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 -> (2 <= Z2 <= 87)</i> | 1976-Neuw 1178 |
| 1976 | Pietsch, W. Hauser, U. Neuwirth, W. 'Stopping Powers from the Inverted Doppler Shift Attenuation Method: Z-Oscillations, Bragg'S Rule Or Chemical Effects, Solid and Liquid State Effects' <i>Nucl. Inst. Methods, 132, 79-87 (1976)</i> <i>Comment : S. Li (70, 100 keV) -> B, Al, Ti, Cu, Ta, C, Nb, Mo, Ta, Ag, and numerous compounds</i> | 1976-Piet 0815 |
| 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 -> 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 -> 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 |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-------------|--|---------------------------|
| 1978 | Alexander, T. K. Forster, J. S. Ball, G. C. Davies, W. G. Winterbon, K. B. 'Z1 and Z2 Variations in the Stopping Powers of Z1=10-18 Ions Deduced from DSAM Lifetime Measurements' <i>Phys. Letters, 74B, 183-186 (1978)</i> <i>Comment : S. Ne, Na, Mg, Al, Si, P, S, Ar (3-4 MeV) -> Cu, Ni, Ta, Au, Mg, Ca, Ti, Ba. Doppler shift lifetime measurements.</i> | 1978-Alex 1954 |
| 1978 | 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 -> Fe, 60 keV Cu -> Ti</i> | 1978-Dear 1243 |
| 1978 | 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 -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i> | 1978-Ishi3 1169 |
| 1978 | Keinonen, J. Hautala, M. Luomajarvi, M. Anttila, A. Bister, M. 'Ranges of 27Al+ Ions in Nine Metals Measured by (p,gamma) Resonance Broadening' <i>Rad. Effects, 39, 189-193 (1978)</i> <i>Comment : R, dR. 27Al -> Ti, Ni, Cu, Mo, Ag, Ta, W, Au, Pb</i> | 1978-Kein 1204 |
| 1978 | Luomajarvi, M. 'Stopping Powers of Ti, Mn, Ni, and Zn for 0.5-2.0 MeV 4He Ions Relative to Those of Al and Cu.' <i>Rad. Effects, 37, 223-227 (1978)</i> <i>Comment : S. 0.5-2.0 MeV 4He -> Ti, Mn, Ni, Zn</i> | 1978-Luom 1202 |
| 1979 | Bister, M. Hautala, M. Jantti, M. 'Comparison of Experimental and Theoretical Ranges of Heavy Ions in the Low Energy Region' <i>Rad. Effects, 42, 201-208, (1979)</i> <i>Comment : R, dR. 20-190 keV Eu, Cs, La, Au, Al -> Si, Al, Ti, Ta</i> | 1979-Bist 1318 |
| 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 | Kliwer, J. ElFiqi, A. R. 'Application of Ion Induced X-Ray Emission for the Measurement of Stopping Powers' <i>IEEE Trans. Nucl. Sci., NS-26, 1323-1325 (1979)</i> <i>Comment : S. H (100 keV) -> Hf, Sm, Ti, Cr</i> | 1979-Kliw 1692 |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-----------|--|--------------------|
| 1979 | Luomajarvi, M. 'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.' <i>Rad. Effects, 40, 173-179 (1979)</i> | 1979-Luom 1205 |
| | <i>Comment : S. 0.3-1.5 MeV H -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au</i> | |
| 1979 | 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> | 1979-Puch 1956 |
| | <i>Comment : S. He (3-7 MeV) -> B, Bi, Fe, Ni, Cu..</i> | |
| 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>Sov. Phys. J., 22, 668-669 (1979)</i> | 1979-Ved 1955 |
| | <i>Comment : S. C (0.6-7 MeV) -> Ti, Ni, C.</i> | |
| 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., 22, 111 (1979). English transl.: Sov. Phys. J., 22, 668 (1979)</i> | 1979-Ved 2 1783 |
| | <i>Comment : S. C (0.8-9 MeV) -> Ti, Ni, Ge</i> | |
| 1980 | Bimbot, R. Gardes, D. Geissel, H. Kitahara, T. Armbuster, P. 'Stopping Power Measurements for 3-5 MeV/amu Kr, Xe, Pb and U in Solids' <i>Nucl. Inst. Methods, 174, 231-236 (1980)</i> | 1980-Bimb 1408 |
| | <i>Comment : S. Kr, Xe, Pb, U (3-5 MeV/amu) -> C, Al, Ti, Ni, Zr, Ag, Ta, Ir, Au, Mylar, Hostaphan</i> | |
| 1980 | Hamm, R. N. Turner, J. E. Wright, H. A. Ritchie, R. H. 'Heavy-Ion Track Structure in Silicon' <i>Preprint (1980) 2</i> | 1980-Hamm 1352 |
| | <i>Comment : R, dR. 800 keV N -> Z2 = 22-32, 40-42</i> | |
| 1980 | 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> | 1980-Land2 1373 |
| | <i>Comment : S,R,dR. 25-2000 keV N -> 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> | |
| 1980 | 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> | 1980-Land3 1453 |
| | <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i> | |
| 1980 | Santry, D. C. Werner, R. D. 'Stopping Power Values of Ti, Ni, Ag and Au for 4He Ions' <i>Nucl. Inst. Methods, 178, 531-537 (1980)</i> | 1980-Sant 1406 |
| | <i>Comment : S. He (0.2-2.0 MeV) -> Ti, Ni, Ag, Au</i> | |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-------------|--|---------------------------|
| 1981 | Hahn, R. L. Toth, K. S. Ferguson, R. L. Plasil, F. 'Energy Loss and Stragglng of 7.3 MeV/amu Kr Ions in Ni, Al and Ti' <i>Nucl. Inst. Methods, 180, 581 (1981)</i> <i>Comment : S, dS. Kr (7.3 MeV/amu) -> Ni, Al, Ti</i> | 1981-Hahn 1657 |
| 1981 | Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Deuterons' <i>Nucl. Inst. Methods, 188, 211 (1981)</i> <i>Comment : S. D (0.2-2.0 MeV) -> C, Al, Si, Ti, Ni, Ag, Au</i> | 1981-Sant 1756 |
| 1982 | Geissel, H. Laichter, Yl Schneider, W. F. W. Armbruster, P. 'Energy Loss and Energy Loss Stragglng 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 1417 |
| 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 | Laichter, Y. Geissel, H. Schadel, M. Armbruster, P. 'Range Profiles for 0.15-10 MeV/amu Uranium Ions in Solids' <i>Phys. Rev. A, 26 (4), 1915-1923 (1982)</i> <i>Comment : R, dR. U (0.15-10 MeV/amu) -> C, Al, Ti, Ni, Nb, Pd, Sn</i> | 1982-Laic 1451 |
| 1982 | Laichter, Yl Geissel, H. Schadel, M. Armbruster, P. 'Range Profiles for 0.15-10 MeV/amu Uranium Ions in Solids' <i>Phys. Rev. A, 26, 1915-1923 (1982)</i> <i>Comment : R,dR. U (0.15-10 MeV/amu) -> C, Al, Ti, Ni, Nb, Pd, Sn</i> | 1982-Laic3 1502 |
| 1983 | Geissel, H. Laichter, Yl Albrecht, R. Kitahara, T. Klabunde, J. 'A Time-of-Flight Method for Stopping Power Measurements of Bunched Ion Beams' <i>Nucl. Inst. Methods, 206, 609 (1983)</i> <i>Comment : S. Kr (3.6-10.0 MeV/amu) -> Al, Ti, Zr, Ag, Au</i> | 1983-Geis2 1649 |
| 1983 | Kido, Y. Hioki, T. 'Measurements of Energy Loss and Stragglng for Fast H in Metals and their Compounds by Means of a Nuclear Resonant Reaction' <i>Phys. Rev. B, 27, 2667 (1983)</i> <i>Comment : S, dS. H (600-1000 keV) -> Al, Cu, AlCu, Ti, TiO2, O, Ti, Se, In, Sb, InO, TiO</i> | 1983-Kido 1691 |
| 1983 | 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) -> Al, Ti, V, Fe, Ni, Zn, Zr, Pd</i> | 1983-Riba 1443 |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-----------|---|-------------------|
| 1984 | Haight, R. C. Vonach, H. K. 'Alpha Particle Stopping Power for Titanium and Vanadium' <i>Nucl. Inst. Methods, B1, 9 (1984)</i> | 1984-Haig 1658 |
| | <i>Comment : S. He (5.25-12 MeV) -> Ti, V</i> | |
| 1984 | Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag, Au and Mylar using Radioactive Alpha Sources' <i>Nucl. Inst. Methods, B1, 13 (1984)</i> | 1984-Sant 1757 |
| | <i>Comment : S. He (2-7 MeV) -> > C, Al, Si, Ti, Ni, Ag, Au, Mylar</i> | |
| 1985 | 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> | 1985-Land 1454 |
| | <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i> | |
| 1986 | Bimbot, R. Gauvin, H. Orliange, I. 'Stopping Powers of Solids for Ar and Ca Ions at Intermediate Energies (20-80 MeV/amu)' <i>Nucl. Inst. Methods, B17, 1-10 (1986)</i> | 1986-Bimb 1429 |
| | <i>Comment : S. Ar, Ca (20-80 MeV/amu) -> Be, C, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i> | |
| 1987 | Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. 'Range Profiles of Helium in Solids' <i>Rad. Effects, 104, 1-42 (1987)</i> | 1987-Fink 1645 |
| | <i>Comment : R. He-3 (50-1500 keV) -> 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> | |
| 1987 | Gauvin, H. Bimbot, R. Herault, J. Anne, R. Bastin, G. 'Stopping Powers of Solids for 16O Ions at Intermediate Energies (20-95 MeV/amu)' <i>Nucl. Inst. Methods, B28, 191-194 (1987)</i> | 1987-Gauv 1400 |
| | <i>Comment : S. O (20-95 MeV/amu) -> Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i> | |
| 1987 | Kido, Y. 'Energy Straggling for Fast Proton Beams Passing through Solid Materials' <i>Nucl. Inst. Methods, B24/25, 347-352 (1987)</i> | 1987-Kido 1664 |
| | <i>Comment : H (300-1000 keV) -> C, Ti, TiC, Si, SiC, SiO2, TiO2</i> | |
| 1988 | Delfino, M. Morga, A. E. Maillot, P. Broadbent, E. K. 'Range Distributions of B in Co, CoSi2, Ti and TiSi2' <i>J. Appl. Phys., 64 (2), 607-609 (1988)</i> | 1988-Delf 1521 |
| | <i>Comment : R, dR. B (10-120 keV) -> Co, Ti, CoSi2, TiSi2</i> | |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|---|--|--------------------|
| 1988 | Geissel, H. Laichter, Y. Schneider, W. F. W. Armbruster, P. 'Observation of a Gas-Solid Difference in the Stopping Powers of 1-10 MeV/amu Heavy Ions' <i>Phys. Letters, 88A, 26 (1988)</i> | 1988-Geis 1969 |
| <i>Comment : S. Kr, Xe, Pb, U (1-10 MeV/amu) -> Ti, Ar, Zr, Kr. Gas/Solid stopping differences.</i> | | |
| 1988 | Herault, J. Bimbot, R. Gauvin, H. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Cold Matter' <i>J. Physique Coll., 49C, 7-33 (1988)</i> | 1988-Hera 1972 |
| <i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (24-95 MeV/amu) -> Ne, Ar, Kr, Xe, CH4, C4H10, N, CO2, CF4, Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au</i> | | |
| 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> | 1988-Ishi2 1682 |
| <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 | 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> | 1988-Lewi 1517 |
| <i>Comment : R, dR. He (200 keV)-> Mg, Al, Ti, V, Fe, Ni, Zr, Nb, Cl2O3, MgO</i> | | |
| 1988 | Ogino, K. Kiyosawa, T. Kiuchi, T. 'Stopping Powers for MeV Tritons in Solids' <i>Nucl. Inst. Methods, B33, 155-157 (1988)</i> | 1988-Ogin 1404 |
| <i>Comment : S. T(2.3-5.4 MeV) -> Al, Ti, Ni, Nb, Ag, Sn, Au</i> | | |
| 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> | 1988-Saka 1752 |
| <i>Comment : S. H, He (6.5 MeV) -> Be, Ti, Fe, Ni, Zn, Mo, Pd, Cd, Sn, Pt, Pb (mean ionization energies)</i> | | |
| 1989 | Bauer, G. H. Antolak, A. J. Pontau, A. E. Morse, D. H. Heikkinen, D. W. 'Proton Energy Straggling Measurements in Al, Ti, Ag and W Foils' <i>Nucl. Inst. Methods, B43, 497 (1989)</i> | 1989-Baue 1607 |
| <i>Comment : dS. H (2-7 MeV) -> Al, Ti, Ag, W</i> | | |
| 1990 | Arstila, K. Keinonen, J. Tikkanen, P. 'Stopping Power for Low Velocity Heavy Ions: 0-1.0 MeV Mg Ions in 17 (z2=22-79) Elemental Solids' <i>Phys. Rev. B, 41, 6117-6123 (1990)</i> | 1990-Arst 1923 |
| <i>Comment : S. Mg (0-1.0 MeV/amu) -> Ti, V, Fe, Co, Ni, Cu, Ge, Nb, Mo, Pd, Ag, Hf, Ta, W, Re, Pt, Au</i> | | |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|-------------|---|---------------------------|
| 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 1909 |
| 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 1753 |
| 1992 | 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) -> C, H2O, SiO2, Al, Si, Ti, Cr, Fe, Co, Ni, Cu, Zn, Zr, Nb, Mo, Ag, Cd, In, Sn, Ta, W, Pb</i> | 1992-Bich2 1624 |
| 1992 | Santry, D. C. Werner, R. D. 'Measured Stopping Powers of O-16 and F-19 Ions in Thin Elemental Films' <i>Nucl. Inst. Methods, B69, 167-173 (1992)</i> <i>Comment : S, O, F (200-2000 keV) -> Be, C, Al, Si, Ni, Ti, Ag, Au</i> | 1992-Sant 1887 |
| 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> <i>Comment : S, D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au</i> | 1994-Shio 2051 |
| 1997 | Moller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. 'Direct Measurements of the Stopping Power for Antiprotons of Light and Heavy Targets' <i>Phys. Rev. A, 56, 2930-2939 (1997)</i> <i>Comment : S, H- (50 - 700 keV) -> Al, Si, Ti, Cu, Ag, Ta, Pt, Au</i> | 1997-Moll 2364 |
| 1997 | Muller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. 'Direct Measurements of the Stopping Power for Anti-Protons on Light and Heavy Targets' <i>Phys. Rev., 56A, 2930-2939 (1997)</i> <i>Comment : S, Anti-protons (H-) -> Al, Si, Ti, Cu, Ag, Ta, Pt, Au</i> | 1997-Mull2 2318 |
| 1998 | Climent-Font, A. Raisanen, J. Rauhala, E. 'Stopping Cross0Section Measurements of Ti Thin Films' <i>Nucl. Inst. Methods, B 136-138, 109-113 (1998)</i> <i>Comment : S, He (0,2 - 1.9 MeV) -> Ti</i> | 1998-Clim 2359 |

Citations for Target : **Ti**

| Pub. Year | Authors, Title, Journal Citation and Comments | Citation Numb |
|------------------|--|---------------------------|
| 1998 | Zhang, T. Lu, X. Xia, Z. Shen, D. 'Measured Stopping Power for B-11 Ions in Z = 6-47 Targets' <i>Phys. Rev. B, B57, 10213-10216 (1998)</i> <i>Comment : S. B (0.5-5.2 MeV) -> C, Al, Ti, Cu, Nb, Ag,</i> | 1998-Zhan 2330 |
| 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 2331 |
| 2000 | Lu, X. Xia, Z. Zheng, T. Shen, Y. 'Stopping Powers of C, Al, Ti, Cu, Nb and Ag for O-16 and F-19 Ions' <i>Nucl. Inst. Methods, B168, 287-293 (2000)</i> <i>Comment : S. O, F (0.4 - 5.7 MeV) -> C, Al, Ti, Cu, Nb, Ag</i> | 2000-Lu 2339 |
| 2000 | Sakamoto, N. Ogawa, H. Tsuchida, H. 'Stopping Powers of Ti for Protons from 0.2-13.5 MeV; Correction for the Actual Path Length due to Multiple Scattering' <i>Nucl. Inst. Methods, B164-165, 250-258 (2000)</i> <i>Comment : S. H -> Ti</i> | 2000-Saka 3111 |
| 2002 | Geissel, H. Weick, H. Scheidenberger, C. Bimbot, R. Gardes, D. 'Experimental Studies of Heavy-Ion Slowing Down in Matter' <i>Nucl. Inst. Methods, B195, 3-54 (2002)</i> <i>Comment : S. Summary of 18 Heavy Ion Stopping in 26 Targets</i> | 2002-Geis 3141 |
| 2002 | Hakim, A. Fahli, A. Toulemonde, M. Lelievre, D. 'Stopping Powers of Al, Havar, Ni, Ti and Ta Media for 9.67 MeV/u 58-Ni and 9.5 MeV/u 18-O Ions' <i>Nucl. Inst. Methods, B187, 164-168 (2002)</i> <i>Comment : S. Ni, O -> Al, Havar, Ni, Ti, Ta</i> | 2002-Haki 3110 |