Citations for Target : Ca

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1913	Marsden, E. Richardson, H. **'The Retardation of Alpha Particles by Metals'** ***Phil. Mag., 25, 184-193 (1913)*** *Comment : R. 4-8 MeV He -> Al, Cu, Ag, Sn, Pt, Au, Mica Rel. To Air*	**1913-Mars** 0087
1913	Marsden, E. Taylor, T. S. **'The Decrease in Velocity of Alpha-Particles in Passing through Matter'** ***Proc. Roy. Soc., A88, 443-454 (1913)*** *Comment : S. 5-8 MeV He -> Al, Cu, Au, Air, Mica*	**1913-Mars2** 0088
1920	VonTraubenberg, H. R. **'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern'** ***Z. Physik, 2, 268-276 (1920)*** *Comment : R. 7.7 MeV He -> H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.*	**1920-VonT** 0123
1924	Rutherford, E. **'The Capture and Loss of Electrons by Alpha Particles'** ***Phil. Mag., 47, 277 (1924)*** *Comment : S. He (5-7 MeV) -> Air, H, He, Mica*	**1924-Ruth** 1994
1925	Henderson, D. **'The Capture and Loss of Electrons by Alpha-Particles'** ***Proc. Royal Soc., 109, 157-165 (1925)*** *Comment : S. He (5-7 MeV) -> Air*	**1925-Hend** 1991
1928	Rosenblum, S. **'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere'** ***Ann. de Physique, 10, 408-471 (1928)*** *Comment : S. 5.3 - 7.7 MeV He -> Li, Al, Fe, Ni, Cu, Zn, Mo, Pd, Ag, Cd, Sn, Pt, Au, Pb, Mica, AuAg Alloys, Ag-Cu Alloys*	**1928-Rose** 0110
1939	Riezler, W. **'Bremsvermogen von Glimmer Fur Alphateilchen Kleiner Reichweite'** ***Ann. Physik, 35, 350-353 (1939)*** *Comment : S. 1-4 MeV He -> Mica*	**1939-Riez** 0106
1949	Hammer, F. E. Hoecker, F. E. **'A New Method of Measuring the Stopping Power of Several Materials for Alpha-Particles'** ***Rev. Sci. Inst., 20, 394-98 (1949)*** *Comment : S. 5.3 MeV He -> Al, Mica, Nylon, Polystyrene Rel. To Air*	**1949-Hamm** 0063
1953	Madsen, C. B. **'Proton Stopping Power and Energy Straggling of Protons'** ***Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 27, No. 13, 1-21 (1953)*** *Comment : S. dS. 350-2000 keV H -> Be, Al, Cu, Ag, Mica*	**1953-Mads** 0084

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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'** ***Phys. Rev., 106, 848-51 (1957)*** *Comment : 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	Demichelis, F. **'Alpha-Particles Straggling in Mica and Aluminum'** ***Nuovo Cimento, 13, 562-71 (1959)*** *Comment : dS. 5.3 MeV He -> Al, Mica*	**1959-Demi** 0589
1966	Selig, O. Sizmann, R. **'Die Reichweiteverteilung von Spaltprodukten in Feskorpern'** ***Nukleonika 8, 303-14 (1966)*** *Comment : R, dR. 97 MeV 95Zr, 65 MeV 140 Ba -> Mica, Al (Cryst.)*	**1966-Seli** 0262
1967	Gorodetzky, S. Chevallier, A. Pape, A. Sers, J. C. Bergdolt, A. M. **'Mesure Des Pouvoirs D'Arret De C, Ca, Au Et Ca Pours Des Protons D'Energie Comprise Entre Et 6 MeV.'** ***Nucl. Phys., A91, 133-44 (1967)*** *Comment : S. 0.4-6.0 MeV H -> C, Ca, Au, CaF2*	**1967-Goro** 0279
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'** ***Phys. Rev., 175, 389-95 (1968)*** *Comment : S. 5-12 MeV H, D -> Ca, Sc, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn*	**1968-Ande** 0358
1969	Zander, A. R. Eck, J. S. Fletcher, N. R. **'A Simple Technique for Measuring the Stopping Power of Heavy Ions in the Few MeV Range'** ***Nucl. Inst. Methods, 71, 343-45 (1969)*** *Comment : S. 2-9 MeV Ca -> Ca*	**1969-Zand** 0393
1972	Balzer, R. Sigrist, A. **'Disrimination of Heavy Ions by Track Detectors'** ***Helv. Phys. Acta, 45, 921-2 (1972)*** *Comment : S. Cl (8-30 MeV) -> Mica, Quartz, Spinel, Sapphire*	**1972-Balz** 1286
1972	Broude, C. Engelstein, P. Popp, M. Tandon, P. N. **'Dependence of the Doppler Shift Lifetime Method on Slowing Environment'** ***Phys. Letters, 39B, 185-187 (1972)*** *Comment : S. Ne (1 MeV) -> C, Mg, Si, + 32 other materials. Doppler shift attenuation measurements (crude).*	**1972-Brou** 1630

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Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Blok, H. Kiely, F. M. Pate, B. D. Hanappe, F. Pelier, J. **'Further Measurement of the Track Length of Heavy Ions in Mica'** ***Nucl. Inst. Methods, 119, 307-12 (1974)*** *Comment : R. (2.7-160 MeV) Al, Ar, Ca, Cr, Ni, Se, Kr, Ag -> Mica*	**1974-Blok** 0703
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'** ***Physics Data, Erstes Phsikalisches Institut, Univ. Zu Koln, Germany (1976)*** *Comment : S. 80-840 keV Li -> (2 <= Z2 <= 87)*	**1976-Neuw** 1178
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'** ***Phys. Letters, 74B, 183-186 (1978)*** *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.*	**1978-Alex** 1954
1987	Fink, D. Biersack, J. P. Stadele, M. Cheng, V. K. **'Range Profiles of Helium in Solids'** ***Rad. Effects, 104, 1-42 (1987)*** *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*	**1987-Fink** 1645
1993	Mikheev, S. Ryzhov, Y. Shkarban, I. Yurasova, V. **'Inelastic Losses of Low Energy Ions Transmitted through Thin Films'** ***Nucl. Inst. Methods, B78, 86-90 (1993)*** *Comment : S. He, Ne, Ar (1-10 keV) -> C, Ca, Ag and Ni*	**1993-Mikh** 1870
1994	Wu, A. Lu, X. Jin, C. Zheng, T. Xia, Z. **'Stopping Power of compounds for O and F Ions'** ***Chinese Phys. Letters, 11, 537-540 (1994)*** *Comment : S. O, F -> Ca and Mo Compounds*	**1994-Wu 2** 1362
2000	Vorobyova, I. V. Reimann, C. T. Toulemonde, M. **'Comparison of the Structure and Sizes of Tracks Induced by High Energy Monatomic and Cluster Ions Incident on the Surface of Mica'** ***Nucl. Inst. Methods, B166-167, 959-963 (2000)*** *Comment : S. Sn (1 MeV/u), C(30 keV/u) -> Mica*	**2000-Voro** 2350