Stopping for Ion : Li , Target = Cu

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1956	Devons, S. Towle, J. H. **'Range-Velocity Relationship for 7Li-Ions in Solids'** ***Proc. Phys. Soc. A69, 345-47 (1956)*** *Comment : S. 2.74 MeV 7Li -> Al, Cu, Au*	**1956-Devo** 0042
1968	Zarutskii, E. M. **'Energy Spectrum of Alkali Metal Ions Transmitted by Thin Copper Films'** ***Fiz. Tverd. Tela, 9, 1896-98 (1968) [Engl. Trans. Sov. Phys. Solid State, 9, 1495-97 (1968)]*** *Comment : S. 3-20 keV Li, Na, K -> Cu*	**1968-Zaru** 0346
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'** ***Phys. Stat. Sol., 35, 285-89 (1969)*** *Comment : S. 30-100 keV Li -> C, Al, Ti, Ni, Cu*	**1969-Bern** 0395
1975	Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. **'Electronic Stopping Cross Sections of Elements and Compounds for Swift Lithium Ions'** ***Z. Physik A, 275, 209-14 (1975)*** *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*	**1975-Neuw2** 0813
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
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'** ***Nucl. Inst. Methods, 132, 79-87 (1976)*** *Comment : S. Li (70, 100 keV) -> B, Al, Ti, Cu, Ta, C, Nb, Mo, Ta, Ag, and numerous compounds*	**1976-Piet** 0815
1977	Andersen, H. H. Bak, J. F. Knudsen, H. Nielsen, B. R. **'Stopping Powers of Al, Cu, Ag, and Au for MeV Hydrogen, Helium, and Lithium Ions. Z1*3, and Z1*4 Proportional Deviations from the Bethe Formula.'** ***Phys. Rev. A, 16, 1929-1940 (1977)*** *Comment : S. H, He, Li (1-21 MeV) -> Al, Cu, Ag, Au*	**1977-Ande2** 0779

Stopping for Ion : Li , Target = Cu

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1977	Andersen, H. H. Bak, J. F. Knudsen, H. Moller-Petersen, P. Nielsen, B. R. **'Experimental Investigation of Higher-Order Z1 Corrections to the Bethe Stopping-Power Formula'** ***Nucl. Inst. Methods, 140, 537-540 (1977)*** *Comment : S. H (2-5.2 MeV) -> Al, Cu, Ag, Au*	**1977-Ande3** 0908
1977	Mertens, P. **'Energy Loss of Light 100 - 300 keV Ions in Thin Metal Foils'** ***Nucl. Inst. Methods, 149, 149-153 (1978)*** *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*	**1977-Mert** 0928
1979	Mertens, P. **'Electronic Stopping Cross Sections of 50-300 keV He and Li Ions'** ***Phys. Rev. A, 19, 1442-1447 (1979)*** *Comment : S. 50-300 keV He, Li -> C, Al, Cu, Ag, Au*	**1979-Mert** 1130
1980	Andersen, H. H. Besenbacher, F. Goddiksen, P. **'Stopping Power and Straggling of 80-500 keV Lithium Ions in C, Al, Ni, Cu, Se, Ag, and Te'** ***Nucl. Inst. Methods, 168, 75-80 (1980)*** *Comment : S, dS. 80-500 keV Li -> C, Al, Ni,Cu, Se, Ag, Te*	**1980-Ande** 1308
1980	Mertens, P. Krist, Th. **'Stopping Ratios of 50-300 keV Light Ions in Metals'** ***Nucl. Inst. Methods, 168, 33-39 (1980)*** *Comment : S, dS. 30-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au*	**1980-Mert** 1313
1982	Mertens, P. Krist, Th. **'Stopping Ratios of 50 - 300 keV Light Ions in Metals'** ***Nucl. Inst. Methods, 194, 57 (1982)*** *Comment : S. 50-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au*	**1982-Mert** 1133
1983	Krist, Th. Mertens, P. **'Stopping Ratios for 30-330 keV Light Ions in Materials with 57 <=Z2 <=83'** ***Nucl. Inst. Methods, 218, 821-826 (1982)*** *Comment : S. H, He, Li (50-300 keV) -> C, Al, Cu, Ag, Au*	**1983-Kris** 1312
1984	Krist, Th. Mertens, P. **'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with 1<=Z1<=5'** ***Nucl. Inst. Methods, B2, 119-122 (1984)*** *Comment : S. H, He, Li, Be, B (50-350 keV) -> C, Al, V, Cr, Fe, Ni, Cu, Zn, Ag, Pt, Au, Bi*	**1984-Kris** 1467

Stopping for Ion : Li , Target = Cu

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1986	Lin, H. H. Li, L. W. Norbeck, E. **'Stopping Powers of C, Al, Ni, Cu, In, Sn, Ag and Au for 7Li Ions of 1.0-4.7 MeV'** ***Nucl. Inst. Methods, B17, 91-96 (1986)*** *Comment : S. Li (1.0-4.7 MeV) -> C, Al, Ni, Cu, In, Sn, Ag, Au*	**1986-Lin** 1428
1987	Neuwirth, W. **'On the Precision of Stopping Power Data for Lithium Projectiles Obtained with the IDSA-Method'** ***Nucl. Inst. Methods, B27, 335-337 (1987)*** *Comment : S. Li (175 keV) -> C, Al, Cu*	**1987-Neuw** 1498
1991	Kuronen, A. **'A Study of Stopping Power using Nuclear Methods'** ***Comm. Physico-Math. (Finland), 122, 1-36 (1991)*** *Comment : S. Ion [Z=3-22] at (0-0.4 Vo) -> Solids (Z=14-82)*	**1991-Kuro** 1914
1996	Cheng, H. S. Yu, Y. C. Wang, C. W. Lin, E. K. Liu, T. Y. **'Backscattering Studies of Li, C and O Ions at Energies 3-15 MeV'** ***Nucl. Inst. Methods, B118, 408-413 (1996)*** *Comment : S. Li, C, O (3-15 MeV) -> Au, Cu*	**1996-Chen** 2034
1996	Li, Z. Zhao, G. Z. Tang, J. Y. Yang, F. **'Measurement of Stopping Powers of 1-6 MeV Li Ions in C, Al, Cu, Ag, Au and Pb'** ***Nucl. Tech., 19, 492-496 (1996)*** *Comment : S. Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb*	**1996-Li 2** 1281
1996	Li, Z. Zhou, Z. Y. Zhao, G. Q. Tang, J. Y. Yang, F. **'Measured Stopping Powers for 1-6 MeV Li Ions in C, Al, Cu, Ag, Au and Pb Foils and in a Thin Si Crystal'** ***Nucl. Inst. Methods, B115, 98-101 (1996)*** *Comment : S. Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb*	**1996-Li 3** 1816
1997	Vakevainen, K. **'Stopping Cross Sections of ZnSe, Zn and Cu for H, He and Li Ions'** ***Nucl. Inst. Methods, B122, 187-193 (1997)*** *Comment : S. H, He, Li (0.4-8.9 MeV) -> ZnSe, Zn, Cu*	**1997-Vake** 2163