Stopping for Ion : Li , Target = Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1948	Wilcox, H. W. **'Experimental Determination of Rate of Energy Loss for Slow H1, H2, He4, Li6 Nuclei in Au and Al'** ***Phys. Rev., 74, 1743-54 (1948)*** *Comment : S. 30-400 keV H, 30-650 keV D, 30-1400 keV He, 750-850 keV 6Li -> Al, Au*	**1948-Wilc** 0133
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
1962	Teplova, Ya. A. Nikolaev, V. S. Dimitriev, I. S. Fateeva, L. N. **'Slowing Down of Multicharged Ions in Solids and Gases'** ***Zh. Eksp. Teor. Fiz., 42, 44-60 (1962)[Engl. Trans. Sov. Phys., Jetp15, 31-41 (1962)]*** *Comment : S, R.(75-1500 keV/amu) He, Li, Be, B, C, N, O, Ne, Na, Mg, Al, P, Cl, K, Br, Kr -> H2, He, CH4, Benzene, Air, Ar, S. Same -> Al, Ni, Ag, Au*	**1962-Tepl** 0362
1970	Hogberg, G. Norden, H. Skoog, R. **'Energy Loss and Energy Straggling of Well Channelled Hydrogen, Helium and Lithium Ions in Gold'** ***Phys. Stat. Sol., 42, 441-51 (1970)*** *Comment : S,dS. 2-54 keV H, D, He, Li -> Au (Crtst.)*	**1970-Hogb** 0426
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
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
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	Datz, S. DelCampo, J. G. Dittner, P. F. Miller, P. D. Biggerstaff, J. A. **'Higher-Order Z1 Effects and Effects of Screening by Bound K-Electrons on the Electronic Stopping of Channeled Ions'** ***Phys. Rev. Letters, 38, 1145-1148 (1977)*** *Comment : S. 2 MeV/amu H, He, Li, Be, B, C, N, O, F, 3.5 MeV/amu H, He, Li, Be, B -> Au [111]*	**1977-Datz** 1075

Stopping for Ion : Li , Target = Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1977	Datz, S. Gomez del Campo, J. Dittner, P. F. Miller, P. D. Biggerstaff, J. A. **'Higher Order Z1 Effects and Effects of Screening by Bound k-electrons on the Electronic Stopping of Channeled Ions'** ***Phys. Rev. Letters, 38, 1145-1148 (1977)*** *Comment : S. H, He, Li, Be, B (3.5 MeV/amu) -> Au Channeled stopping powers.*	**1977-Datz2** 2106
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
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
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
1984	Santry, D. C. Werner, R. D. **'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Li-7 Ions'** ***Nucl. Inst. Methods, B5, 449 (1984)*** *Comment : S. Li (0.2-1.8 MeV) -> > C, Al, Si, Ni, Ag, Au*	**1984-Sant2** 1758
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
1988	Kuronen, A. Raisanen, J. Keinonen, J. Tikkanen, P. Rauhala, E. **'Electronic Stopping Power for Li, B, C, N, O at Energies 0.4-2.1 MeV/amu in Ta and Au, and for C at energies 0.4-1.4 MeV/amu in 18 elemental solids'** ***Nucl. Inst. Methods, B35, 1-6 (1988)*** *Comment : S. Li, B, C, N, O (0.4-2.1 MeV/amu) -> Ta, Au*	**1988-Kuro** 1405

Stopping for Ion : **Li** *, Target =* **Au**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1990	Semrad, D. Eppacher, C. Tober, R. Eppacher, C. **'The Stopping Power of Ag and Au with regard to Higher Order Z1 Effects'** ***Nucl. Inst. Methods, B48, 79 (1990)*** *Comment : S. H, D, He, Li, C (20-700 keV) ->Ag, Au*	**1990-Semr** 1979
1991	Antolak, A. J. Handy, B. N. Morse, D. H. Pantau, A. E. **'Energy Loss and Straggling Measurements of Ions in Solid Absorbers'** ***Nucl. Inst. Methods, B59/60, 13-17 (1991)*** *Comment : S, dS. H, Li, C(7-49 MeV) -> Al, Ti, Ni, Ag, W, Au*	**1991-Anto** 1909
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
2001	Diwan, P. K. Sharma, A. Kumar, S. **'Stopping Power for Heavy Ions (2<Z1<36) in Solids at Energies about 0.5-2.5 MeV/u'** ***Nucl. Inst. Methods, B174, 267-273 (2001)*** *Comment : S. Li, B, N, F, Na, Mg (0.5 - 2.5 MeV/u) -> Pd,Gd,Lu,Ta,Au,Ni,Cr39,CR-39,Mylar,Kapton,LR-115,Havar,Polycarbonate*	**2001-Diwa** 2343
2004	Hsu, J. Y. Yu, Y. C. Liang, J. H. Chen, K. M. Niu, H. **'Energy Loss of He, Li and B Isotopes with MeV Energies in Au'** ***Nucl. Inst. Methods, B219-220, 251-255 (2004)*** *Comment : S. He, Li B -> Au*	**2004-Hsu** 3105