

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1900	Skłodowska-Curie, Mme. 'Sur la Penetration des Rayons de Becquerel non Deviables par le Champ Magnetique' <i>Acad. Sci. Paris: Comptes Rendus, 130, 76-79 (1900)</i> <i>Comment : S. 5-7 MeV He -> Air, Al. The earliest measurement of ion stopping in matter.</i>	1900-Sklo 1680
1905	Bragg, W. H. Kleeman, R. 'On the Alpha Particles of Radium and Their Loss of Range in Passing through Various Atoms and Molecules' <i>Phil. Mag., 10, 318-340 (1905)</i> <i>Comment : S. 7.7 MeV He -> H2, Al, Cu, Ag, Sn, Pt, Au, Hydrocarbons: All Rel. To Air</i>	1905-Brag 0024
1909	Taylor, T. S. 'On the Retardation of Alpha Rays by Metals and Gases' <i>Phil. Mag., 18, 604-619 (1909)</i> <i>Comment : S. 7.7 MeV He -> Au, Sn, Pb, Al, H2, Paper, Collodium, Rel. To Air</i>	1909-Tayl 0117
1911	Rutherford, E. 'The Scattering of Alpha and Beta Particles by Matter and the Structure of the Atom' <i>Phil. Mag., Series 6, 21, 669-688 (1911)</i> <i>Comment : Theory. Derives masses of Al(27), Cu(63), Ag(108) and Pt(194) from stopping and scattering.</i>	1911-Ruth 1998
1913	Marsden, E. Richardson, H. 'The Retardation of Alpha Particles by Metals' <i>Phil. Mag., 25, 184-193 (1913)</i> <i>Comment : R. 4-8 MeV He -> Al, Cu, Ag, Sn, Pt, Au, Mica Rel. To Air</i>	1913-Mars 0087
1913	Marsden, E. Taylor, T. S. 'The Decrease in Velocity of Alpha-Particles in Passing through Matter' <i>Proc. Roy. Soc., A88, 443-454 (1913)</i> <i>Comment : S. 5-8 MeV He -> Al, Cu, Au, Air, Mica</i>	1913-Mars2 0088
1920	VonTraubenberg, H. R. 'Uber Eine Methode Zur Direkten Bestimmung der Reichweite von Alpha-Strahlen in Festen Korpern' <i>Z. Physik, 2, 268-276 (1920)</i> <i>Comment : R. 7.7 MeV He -> H2, He, Li, O2, Mg, Al, Ca, Fe, Ni, Au, Zn, Ag, Cd, Sn, Pt, Cu, Tl, Pb.</i>	1920-VonT 0123
1926	Consigny, J. 'Pouvoir D'Arret De Quelques Metaux Pour Les Rayons Alpha' <i>C. R. Acad. Sci., 183, 127-29 (1926)</i> <i>Comment : S Rel. To Air. 5.3 MeV He -> Al, Cu, Ag, Au</i>	1926-Cons 0618

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1928	Rosenblum, S. 'Recherches Experimentales Sur Le Passage Des Rayons Alpha a Travers La Matiere' <i>Ann. de Physique, 10, 408-471 (1928)</i> <i>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</i>	1928-Rose 0110
1936	Batzner, H. 'Uber Die Geschwindigkeitsabnahme von H-Kanalstrahlen in Metallen' <i>Ann. Physik, 25, 233-262 (1936)</i> <i>Comment : S. 4-60 keV H -> Al, Cu, Ag, Sn, Au</i>	1936-Batz 0407
1937	Parkinson, D. B. Herb, R. G. Bellamy, J. L. Hudson, C. M. 'The Range of Protons in Aluminum and Air' <i>Phys. Rev., 52, 75-79 (1937)</i> <i>Comment : R. 0.1-2.0 MeV H -> Air, Al</i>	1937-Park 0095
1941	Brunings, J. H. Knipp, J. K. Teller, E. 'On the Momentum Loss of Heavy Ions' <i>Phys. Rev., 60, 657-660 (1941)</i> <i>Comment : Theory. Heavy ion charge state vs. velocity.</i>	1941-Brun 1949
1941	Wilson, R. R. 'Range and Ionization Measurements on High Speed Protons' <i>Phys. Rev., 60, 749-53 (1941)</i> <i>Comment : S. 4 MeV H -> Al, Cu, Fe, Mo, Ni, Pt, Ta, Zn Rel. To Air.</i>	1941-Wils 0136
1948	Wilcox, H. W. 'Experimental Determination of Rate of Energy Loss for Slow H1, H2, He4, Li6 Nuclei in Au and Al' <i>Phys. Rev., 74, 1743-54 (1948)</i> <i>Comment : S. 30-400 keV H, 30-650 keV D, 30-1400 keV He, 750-850 keV 6Li -> Al, Au</i>	1948-Wilc 0133
1949	Hammer, F. E. Hoecker, F. E. 'A New Method of Measuring the Stopping Power of Several Materials for Alpha-Particles' <i>Rev. Sci. Inst., 20, 394-98 (1949)</i> <i>Comment : S. 5.3 MeV He -> Al, Mica, Nylon, Polystyrene Rel. To Air</i>	1949-Hamm 0063
1949	Warshaw, S. D. 'The Stopping Power of Protons in Several Metals' <i>Phys. Rev., 76, 1759-65 (1949)</i> <i>Comment : S. 50-400 keV H -> Be, Al, Cu, Ag, Au</i>	1949-Wars 0129
1951	Bakker, C. J. Segre, E. 'Stopping Power and Energy Loss for Ion-Pair Production for 340 MeV Protons' <i>Phys. Rev., 84, 489-92 (1951)</i> <i>Comment : S. Rel. To Al And Cu. 340 MeV H -> H2, Li, Be, C, Al, Fe, Cu, Ag, Sn, W, Pb, U</i>	1951-Bakk 0218

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1951	Bloembergen, N. VanHerden, P. J. 'The Range and Stragglings of Protons Between 35 and 120 MeV' <i>Phys. Rev.</i> , 83 , 561-66 (1951) <i>Comment</i> : R, dR. 35-120 MeV H -> Al, Cu, Pb	1951-Bloe 0761
1951	Good, M. W. Kunz, W. E. Moak, C. D. 'The Reactions of He3 + He3' <i>Phys. Rev.</i> , 83 , 845-846 (1951) <i>Comment</i> : R. He3 (300 keV) -> Al	1951-Good2 2416
1951	Mather, R. Segre, E. 'Range-Energy Relation for 340 MeV Protons' <i>Phys. Rev.</i> , 84 , 191-93 (1951) <i>Comment</i> : R. 340 MeV H -> Be, C, Al, Cu, Sn, Pb	1951-Math 0209
1951	Sachs, D. C. Richardson, J. R. 'The Absolute Energy Loss of 18 MeV Protons in Various Materials' <i>Phys. Rev.</i> , 83 , 834-837 (1951) <i>Comment</i> : S. H (18 MeV) -> Al, Ni, Cu, Rh, Ag, Cd, Sn, Ta, Au, Nylon. Mean ionization energies.	1951-Sach 1748
1952	Hubbard, E. L. Mackenzie, K. R. 'The Range of 18-MeV Protons in Aluminum' <i>Phys. Rev.</i> , 85 , 107-11 (1952) <i>Comment</i> : R. 18 MeV H -> Al	1952-Hubb 0070
1952	Simmons, D. H. 'The Range-Energy Relation for Protons in Aluminum' <i>Proc. Phys. Soc.</i> 65A , 454-56 (1952) <i>Comment</i> : R. 10 MeV H -> Al	1952-Simm 0114
1953	Kahn, D. 'The Energy Loss of Protons in Metallic Foils and Mica' <i>Phys. Rev.</i> , 90 , 503-09 (1953) <i>Comment</i> : S. 400-1350 keV H -> Be, Al, Cu, Au, Mica	1953-Kahn 0076
1953	Madsen, C. B. 'Proton Stopping Power and Energy Stragglings of Protons' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 27 , No. 13, 1-21 (1953) <i>Comment</i> : S. dS. 350-2000 keV H -> Be, Al, Cu, Ag, Mica	1953-Mads 0084
1953	Sachs, D. C. Richardson, J. R. 'Mean Excitations Potentials' <i>Phys. Rev.</i> , 89 , 1163-1164 (1953) <i>Comment</i> : S. H (18 MeV) -> Al. Mean excitation energy.	1953-Sach 1749
1954	Phelps, J. Huebner, W. F. Hutchinson, F. 'The Stopping Power of Organic Foils for 6 MeV Alphas' <i>Phys. Rev.</i> , 95 , 441-44 (1954) <i>Comment</i> : S. 6 MeV He -> CH2, Plastics, Al Rel. To Air	1954-Phel 0096

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1956	Devons, S. Towle, J. H. 'Range-Velocity Relationship for 7Li-Ions in Solids' <i>Proc. Phys. Soc. A69, 345-47 (1956)</i> <i>Comment : S. 2.74 MeV 7Li -> Al, Cu, Au</i>	1956-Devo 0042
1956	Gobeli, G. W. 'Range-Energy Relation for Low-Energy Alpha Particles in Si, Ge and Insb' <i>Phys. Rev., 103, 275-78 (1956)</i> <i>Comment : R. 0.70-4.45 MeV He -> Si, Ge, InSb, Al, Cu, Ag, Au.</i>	1956-Gobe 0056
1956	Webb, W. H. Reynolds, H. L. Zucker, A. 'Nitrogen-Induced Nuclear Reactions in Aluminum' <i>Phys. Rev., 102, 149-52 (1956)</i> <i>Comment : R. 4-28 MeV N -> Al</i>	1956-Webb 0211
1956	Young, J. R. 'Penetration of Electrons and Ions in Aluminum' <i>J. Appl. Phys., 27, 1-4 (1956)</i> <i>Comment : S,R. 1-25 keV H, D, He -> Al</i>	1956-Youn 0193
1957	Bichsel, H. Mozley, R. F. Aron, W. A. 'Range of 6- to 18-MeV Protons in Be, Al, Cu, Ag and Au' <i>Phys. Rev., 105, 1788-95 (1957)</i> <i>Comment : R. 6-18 MeV H -> Be, Al, Cu, Ag, Au</i>	1957-Bich 0014
1957	Leachman, R. B. Atterling, H. 'Nuclear Collision Stopping of Astatine Atoms' <i>Arkiv. Fysik, 13, 101-08 (1957)</i> <i>Comment : R. 3 MeV At -> Al, Au</i>	1957-Leac 0075
1958	Bichsel, H. 'Experimental Range of Protons in Al' <i>Phys. Rev., 112, 1089-91 (1958)</i> <i>Comment : R. 1-6 MeV H -> Al</i>	1958-Bich 0139
1959	Oganesyan, Yu. T. 'Range Energy Dependence of C12, C14, O16 in Aluminum, Copper and Gold in the Energy Interval from 50 to 110 MeV' <i>Zh. Eksp. Teor. Fiz., 36, 936-37 (1959) [Engl. Trans. Sov. Phys., JETP9, 661-62 (1959)]</i> <i>Comment : R. 50-110 MeV 12C, 14C, 16O -> Al, Cu, Au.</i>	1959-Ogan 0213
1959	Porat, D. I. Ramavataram, K. 'The Energy Loss of Helium and Nitrogen Ions in Metals' <i>Proc. Roy. Soc., A252, 394-410 (1959)</i> <i>Comment : S. (0.6 - 0.95 MeV) He -> Al, Ni, Ag, Au; (0.4 - 1.8 MeV) N -> Al, Ni, Au</i>	1959-Pora 0248

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1959	Ramavataram, K. Porat, D. I. 'Measurement of Surface Density of Thin Foils' <i>Nucl. Inst. Methods, 4, 239-42 (1959)</i> <i>Comment : S. 3.72, 4.33 MeV He -> Al, Ni, Ag, Au all rel. To Air</i>	1959-Rama 0550
	<hr/>	
1960	Davies, J. A. McIntyre, J. D. Cushing, R. L. Lounsbury, M. 'The Ranges of Alkali Metal Ions of Kilolectron Energies in Aluminum' <i>Can. J. Chem., 38, 1535-46 (1960)</i> <i>Comment : R, dR. 2-50 keV 137Cs, 30 keV 24Na, 86Rb -> Al</i>	1960-Davi 0181
	<hr/>	
1960	Gen, M. Ya. Petrov, Yu. I. 'The Range in Aluminium of 14.7 MeV Protons' <i>Atomnaya Energiya (USSR), 7, 473 (1959). [Engl. Trans. Reactor Sci., 13, 91-92, (1960)]</i> <i>Comment : R. 14.7 MeV H -> Al</i>	1960-Gen 0561
	<hr/>	
1960	Northcliffe, L. C. 'Energy Loss and Effective Charge of Heavy Ions in Aluminum' <i>Phys. Rev., 120, 1744-57 (1960)</i> <i>Comment : S. 4-200 MeV He, B, C, N, O, F, Ne -> Al. Shows Stopping goes as (V/VoZ*2/3) but doesn't give Bohr (1941) credit.</i>	1960-Nort 0141
	<hr/>	
1961	Alexander, J. M. Winsberg, L. 'Recoil Studies of Nuclear Reactions Induced by Heavy Ions' <i>Phys. Rev., 121, 529 - 537 (1961)</i> <i>Comment : R, dR. 6-14 MeV Tb[149] -> Al, 3 - 11 MeV At,Po -> Al.</i>	1961-Alex 1083
	<hr/>	
1961	Barkas, W. H. VonFriesen, S. 'High-Velocity Range and Energy-Loss Measurements in Al, Cu, Pb, U and Emulsion' <i>Nuovo Cimento Suppl., 19, 41-62 (1961)</i> <i>Comment : R, S Rel. To Cu. 750 MeV H -> Al, Cu, Pb, U, Emulsion</i>	1961-Bark2 0221
	<hr/>	
1961	Davies, J. A. McIntyre, J. D. Sims, G. A. 'Isotope Effect in Heavy Ion Range Studies' <i>Can. J. Chem., 39, 611-15 (1961)</i> <i>Comment : R, dR. 24 keV 22Na, 24Na -> Al</i>	1961-Davi 0179
	<hr/>	
1961	Davies, J. A. Sims, G. A. 'The Ranges of Na24 Ions of Kilolectron, Volt Energies in Aluminum' <i>Can. J. Chem., 39, 601-10 (1961)</i> <i>Comment : R, dR. 0.7-60 keV 24Na, 30 keV 42K, 86Rb -> Al</i>	1961-Davi2 0180
	<hr/>	
1961	Nielsen, L. P. 'Energy Loss and Stragglng of Protons and Deuterons' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 33, No. 6, 1-20 (1961)</i> <i>Comment : S, dS. 1.5-4.5 MeV P, D -> Al, Ni, Cu, Ag, Au; 1.5-4.5 MeV H -> Be</i>	1961-Niel 0151

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1961	Porat, D. I. Ramavataram, K. 'The Energy Loss and Ranges of Carbon and Oxygen Ions in Solids' <i>Proc. Phys. Soc.</i> , 77, 97-102 (1961) <i>Comment</i> : S. 0.36 - 3.2 MeV O, C -> C, Al, Ni, Ag, Au	1961-Pora 0249
1961	Porat, D. I. Ramavataram, K. 'Differential Energy Loss and Ranges of Ne, N, and He Ions' <i>Proc. Phys. Soc.</i> , 78, 1135-43 (1961) <i>Comment</i> : S. (0.4 - 6.2 MeV) D, He, Ne, N -> C, Al, Ni, Ag, Au	1961-Pora2 0250
1961	Winsberg, L. Alexander, J. M. 'Ranges and Range Straggling of Tb, At and Po' <i>Phys. Rev.</i> , 121, 518-28 (1961) <i>Comment</i> : R,dR. 4-29 MeV 149Tb, 4-15 MeV At, Po -> Al, 4-9 MeV At, Po -> Au	1961-Wins 0557
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) [Engl. Trans:Rad. Eng. and Electron Phys., 7, 1813-19 (1962)] <i>Comment</i> : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au	1962-Gott 0159
1962	Hower, C. O. Fairhall, A. W. 'Ranges of Be9 Ions in Gold and Aluminum' <i>Phys. Rev.</i> , 128, 1163-65 (1962) <i>Comment</i> : R. 2-29 MeV 9Be -> Al, Au.	1962-Howe 0150
1962	Powers, D. Whaling, W. 'Range of Heavy Ions in Solids' <i>Phys. Rev.</i> , 126, 61-69 (1962) <i>Comment</i> : R. 50-500 keV N, Ne, Ar, Kr, Xe -> Be, B, C, Al	1962-Powe 0164
1962	Teplova, Ya. A. Nikolaev, V. S. Dimitriev, I. S. Fateeva, L. N. 'Slowing Down of Multicharged Ions in Solids and Gases' <i>Zh. Eksp. Teor. Fiz.</i> , 42, 44-60 (1962)[Engl. Trans. Sov. Phys., JETP15, 31-41 (1962)] <i>Comment</i> : 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-Tep1 0362
1962	Zimen, K. E. Ertel, D. 'Kernruckstoss in Festkorpern 2. Die Reaktion Al27(n,p)Mg27.' <i>Nukleonika</i> , 4, 231-32 (1962) <i>Comment</i> : R. 328 keV 27Mg -> Al	1962-Zime 0363
1963	Barkan, S. 'Differential Energy Loss Measurements for Alpha-Rays in Metal Foils' <i>Rev. Fac. Sci. Univ. Istanbul C</i> , 28, 71-80 (1963) <i>Comment</i> : S. 5-9 MeV He -> Al, Ni, Au.	1963-Bark 0580

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1963	Bergstrom, I. Davies, J. A. Domeij, B. Uhler, J. 'The Range of Rn222 Ions of keV Energies in Aluminum and Tungsten' <i>Arkiv. Fysik, 24, 389-98 (1963)</i> <i>Comment : R, dR. 2-450 keV 222Rn -> Al, W</i>	1963-Berg 0154
1963	Brown, F. Davies, J. A. 'The Effect of Energy and Integrated Flux on the Retention of Inert Gas Ions Injected at keV Energies in Metals' <i>Can. J. Phys., 41, 844-57 (1963)</i> <i>Comment : R, dR. 40 keV Ar, 30, 40, keV Ar, Xe -> Al</i>	1963-Brow 0155
1963	Csikai, J. Bornemisza, P. Hunyadi, I. 'Nuclear Recoil in 14.8 MeV Neutron Reactions.' <i>Nucl. Inst. Methods, 24, 227-28 (1963)</i> <i>Comment : R. 1.95 MeV 27Mg, 3.81 MeV 24Na -> Al</i>	1963-Csik 0583
1963	Davies, J. A. Brown, F. Mccargo, M. 'Range of Xe133 and Ar41 Ions of Kiloelectron, Volt Energies in Aluminum' <i>Can. J. Phys., 41, 829-43 (1963)</i> <i>Comment : R, dR. 0.7 keV - 2.25 MeV Ar, 0.5 - 240 keV Xe -> Al</i>	1963-Davi 0157
1963	Davies, J. A. Domeij, B. Uhler, J. 'The Range of Kr85 Ions in Aluminum and Tungsten in the Energy Interval 2-600 keV' <i>Arkiv. Fysik, 24, 377-88 (1963)</i> <i>Comment : R, dR. 2-600 keV 85Kr -> Al, W (Both Cryst.)</i>	1963-Davi2 0158
1963	Domeij, B. Bergstrom, I. Davies, J. A. Uhler, J. 'A Method of Determining Heavy Ion Ranges by Analysis of Alpha-Line Shapes' <i>Arkiv. Fysik, 24, 399-411 (1963)</i> <i>Comment : R, dR. 222Rn 140-210 keV -> Al, 70-210 keV -> W, 133 keV -> Ag, Au</i>	1963-Dome 0298
1963	Ertel, D. Zimen, K. 'Kernruckstoss in Festkorpern 3. Die Reaktion Al27(n,alpha)Na24.' <i>Nukleonika, 5, 256-58 (1963)</i> <i>Comment : R. 1335 keV 24Na -> Al</i>	1963-Erte 0364
1963	Graham, R. L. Brown, F. Davies, J. A. Pringle, J. P. S. 'A New Method for Measuring the Depths of Embedded Radiotracer Atoms using a Precision Beta-Ray Spectrometer' <i>Can. J. Phys., 41, 1686-1701 (1963)</i> <i>Comment : R. 1-40 keV 125Xe -> Al, W, Au</i>	1963-Grah 0160
1963	Hines, R. L. 'Ranges of 5- to 27-keV Deuterons in Aluminum, Copper and Gold' <i>Phys. Rev., 132, 701-706 (1963)</i> <i>Comment : R. 5-27 keV D -> Al, Cu, Au</i>	1963-Hine 0140

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1963	McCargo, M. Brown, F. Davies, J. A. 'A Reinvestigation of the Range of Na24 Ions of keV Energies in Aluminum' <i>Can. J. Chem., 41, 2309-13 (1963)</i> <i>Comment : R, dR. 1-100 keV 24Na -> Al</i>	1963-McCa 0143
1963	Piercy, G. R. Brown, F. Davies, J. A. Mccargo, M. 'Experimental Evidence for the Increase of Heavy Ion Ranges by Channeling in Crystalline Structures' <i>Phys. Rev. Letters, 10, 399-400 (1963)</i> <i>Comment : R, dR. 40 keV 85Kr -> Al (Cryst.), Al2O3</i>	1963-Pier 0163
1963	Poscanzer, A. M. 'Range of 1-3 MeV Ne22 Ions in Al and the Analysis of Some Na24 Recoil Data' <i>Phys. Rev., 129, 385-87 (1963)</i> <i>Comment : R. 1-3 MeV 22 Ne -> Al</i>	1963-Posc 0153
1963	Wolke, R. L. Bishop, W. N. Eichler, E. Johnson, N. R. O'Kelley, G. D. 'Ranges and Stopping Cross Sections of Low-Energy Tritons' <i>Phys. Rev., 129, 2591-96 (1963)</i> <i>Comment : R, S. 0.2-2.73 MeV T -> N2, Al, Ar, Ni, Kr, Xe.</i>	1963-Wolk 0142
1964	Alexander, J. M. Gilat, J. Sisson, D. H. 'Neutron and Photon Emission from Dysprosium and Terbium Compound Nuclei: Range Distributions' <i>Phys. Rev. B, 136, 1289-97 (1964)</i> <i>Comment : R. 6-21 MeV Dy, Tb -> H2, D2, Al</i>	1964-Alex 0204
1964	Kaplan, M. Fink, R. D. 'Recoil Properties of Sm142 from Nuclear Reactions Induced by Heavy Ions' <i>Phys. Rev. B, 134, 30-32 (1964).</i> <i>Comment : R. 2 - 12 MeV 142Sm -> Al</i>	1964-Kapl 0255
1964	Moak, C. D. 'Experiments with Heavy Ions' <i>Nucl. Inst. Methods, 28, 155-9 (1964)</i> <i>Comment : S. 22-115 MeV I -> C, Al, Ni, Au</i>	1964-Moak 0909
1964	Moak, C. D. Brown, M. D. 'Some Stopping Powers for Iodine Ions' <i>Phys. Rev. Letters, 11, 284-85 (1964)</i> <i>Comment : S. 25-115 MeV 127I -> C, Al, Ni, Au</i>	1964-Moak2 0170

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1964	Piercy, G. R. Mccargo, M. Brown, F. Davies, J. A. 'Experimental Evidence for the Channeling of Heavy Ions in Monocrystalline Aluminum' <i>Can. J. Phys.</i> , 42, 1116-35 (1964)	1964-Pier 0174
	<i>Comment</i> : R, dR. 20-160 keV 24Na, 85Kr, 86Rb, 125Xe -> Al (Cryst.)	
1964	Venikov, N. I. Chumankov, N. I. 'The Time of Flight Method for Measuring the Range-Energy Relation for He Ions in Aluminum at 18 to 38 MeV' <i>Atomnaya Energiya (USSR)</i> , 17, 503-04 (1964) [<i>Engl. Trans. Sov. Atom. Energ.</i> , 17, 1269-70 (1964).	1964-Veni 0768
	<i>Comment</i> : R. 18-38 MeV He -> Al. Ranges From Transmission Through Foil Stack.	
1965	Andersen, H. H. 'A Low-Temperature Technique for Measurement of Heavy-Particle Stopping Powers of Metals' <i>Danish A.E.C. Riso. Rpt. No. 93</i> , 1-60 (1965)	1965-Ande 0205
	<i>Comment</i> : S. 5-12 MeV H, D -> Al	
1965	Booth, W. Grant, I. S. 'The Energy Loss of Oxygen and Chlorine Ions in Solids' <i>Nucl. Phys.</i> , 63, 481-95 (1965)	1965-Boot 0195
	<i>Comment</i> : S. 2-24 MeV O, 4-40 MeV Cl -> C, Al, Ni, Ag, Au	
1965	Brown, F. Ball, G. C. Channing, D. A. Howe, L. M. Pringle, J. P. S. 'Ranges of Heavy Ions' <i>Nucl. Inst. Methods</i> , 38, 249-53 (1965)	1965-Brow 0613
	<i>Comment</i> : R, dR. (20-150 keV) Na, K, Kr, Xe, Rb, Ce, Hg, Au -> Au, W, Si, Al, UO2 (Crystals)	
1965	Chu, Y. Y. Friedman, L. 'Use of the D-D-Reactions to Investigate Penetration of 20 keV Denteron in Gold and Aluminum' <i>Nucl. Inst. Methods</i> , 38, 254-59 (1965)	1965-Chu 0594
	<i>Comment</i> : R,dR. (20 keV/amu) D+, D+2, D+3 -> Al, Au	
1965	Mitsui, H. 'Measurement of the Distribution of Fission Fragments Recoiling into Aluminum' <i>J. Nucl. Sci. Tech.</i> , 2, 481-84 (1965)	1965-Mits 0827
	<i>Comment</i> : R. 97 MeV 95Zr, 95Nb; 140 MeV 140Ba, 140La -> Al	
1965	Moorhead, R. D. 'Stopping Cross Sections of Low Atomic Number Materials for He+ 65-180 keV' <i>J. Appl. Phys.</i> , 36, 391-96 (1965)	1965-Moor 0217
	<i>Comment</i> : S. 65 - 180 keV H, He -> C, He -> Al, Cr	

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1965	Ormrod, J. H. Macdonald, J. R. Duckworth, H. E. 'Some Low-Energy Atomic Stopping Cross Sections' <i>Can. J. Phys.</i> , 43, 275-84 (1965) <i>Comment</i> : S. (10-150 keV) H, D, He, Li, B, C, N, O, F, Ne, Na -> Al; (20-130 keV) Si, P, S, Cl, Ar, K -> C	1965-Ormr 0203
1965	Panontin, J. A. Schwartz, L. L. Stehney, A. F. Steinberg, E. P. Winsberg, L. 'Ranges of C11 in Aluminum' <i>Phys. Rev A.</i> , 140, 151-55 (1965). <i>Comment</i> : R. 0.65 - 1.64 MeV ¹¹ C -> Al	1965-Pano 0234
1965	Portner, P. M. Moore, R. B. 'A Precise Measurement of the Range of 100 MeV Protons in Aluminum' <i>Can. J. Phys.</i> , 43, 1904-14 (1965) <i>Comment</i> : R. 100 MeV H -> Al. Range From Transmission Through Foils.	1965-Port 0227
1965	Roecklein, A. K. Nakai, M. V. Arakawa, E. T. Stanford, J. L. Birkhoff, R. D. 'A New Method for Measuring Range of Low Energy Charged Particles in Conducting Solids' <i>ORNL 3702, 1-49 (1965)</i> <i>Comment</i> : R. 2-9 keV D -> Al	1965-Roec 0206
1966	Andersen, H. H. Garfinkel, A. F. Hanke, C. C. Sorensen, H. 'Stopping Power of Aluminum for 5-12 MeV Protons and Deuterons' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd.</i> , 34, No. 4, 1-24 (1966) <i>Comment</i> : S. 5-12 MeV H, D -> Al	1966-Ande 0269
1966	Comfort, J. R. Decker, . F. Lynk, E. T. Scully, M. O. Quinton, A. R. 'Energy Loss and Stragglng of Alpha Particles in Metal Foils' <i>Phys. Rev.</i> , 150, 249-56 (1966) <i>Comment</i> : S, dS. 2-9 MeV He -> Al, Ni, Ag, Au	1966-Comf 0274
1966	Kaplan, M. Richards, J. L. 'Ranges of Ba126 and Ba128 Recoil Fragments in Aluminum' <i>Phys. Rev.</i> , 145, 153-57 (1966) <i>Comment</i> : R, dR. 2.8 - 14.2 MeV ¹²⁶ Ba, ¹²⁸ Ba -> Al	1966-Kapl 0256
1966	Moak, C. D. Brown, M. D. 'Some Heavy-Ion Stopping Powers' <i>Phys. Rev.</i> , 149, 244-45 (1966) <i>Comment</i> : S. 10-100 MeV Br, I -> Be, C, Al, Ni, Ag, Au	1966-Moak 0270
1966	Selig, O. Sizmann, R. 'Die Reichweiteverteilung von Spaltprodukten in Feskorpern' <i>Nukleonika</i> 8, 303-14 (1966) <i>Comment</i> : R, dR. 97 MeV ⁹⁵ Zr, 65 MeV ¹⁴⁰ Ba -> Mica, Al (Cryst.)	1966-Seli 0262

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1966	Subramanyam, V. Kaplan, M. 'Stopping of Energetic Copper Ions in Aluminum' <i>Phys. Rev.</i> , 142 , 174-78 (1966) <i>Comment</i> : R, dR. 3.35 - 17.6 MeV 60Cu, 61Cu -> Al.	1966-Subr 0242
1966	VanLint, V. A. J. Wyatt, M. E. Schmitt, R. A. Suffredini, C. S. Nichols, D. K. 'Range of Photoparticle Recoil Atoms on Solids' <i>Phys. Rev.</i> , 147 , 242-48 (1966) <i>Comment</i> : R. (.001- 5 epsilon) Ti, Sc, Cr, Fe, Mn, Ni, Co, Ge, Zr, Y, Sr, Mo, Rh, Pd, Ag, Cd, Sn, Gd, Ta, Au, Th -> Al, Cu	1966-VanL 0260
1967	Andersen, H. H. Hanke, C. C. Sorensen, H. Vajda, P. 'Stopping Power of Be, Al, Cu, Ag, Pt and Au for 5-12 MeV Protons and Deuterons' <i>Phys. Rev.</i> , 153 , 338-42 (1967) <i>Comment</i> : S. 4.5 - 12 MeV H, D -> Be, Al, Cu, Ag, Pt, Au	1967-Ande 0280
1967	Bridwell, L. B. Northcliffe, L. C. Datz, S. Moak, C. D. Lutz, H. O. 'Stopping Powers for Iodine Ions at Energies Up to 200 MeV' <i>Phys. Rev.</i> , 159 , 276-77 (1967) <i>Comment</i> : S. 90-200 MeV I -> Be, C, Al, Ni, Ag, Au, UF4	1967-Brid2 0289
1967	Bridwell, L. B. Northcliffe, L. C. Datz, S. Moak, C. D. Lutz, H. O. 'Stopping Power of C, Al, Ni, Ag, Au, and UF4 for 10-200 MeV 127I Ions' <i>Bull. Am. Phys. Soc.</i> , 12 , 28b (1967) <i>Comment</i> : S. 10-200 MeV 127I -> C, Al, Ni, Ag, Au, UF4	1967-Brid3 0293
1967	Erikson, L. Davies, J. A. Jespersgaard, P. 'Range Measurements in Oriented Tungsten Single Crystals (0.1-1.0 MeV). Part I: Electronic and Nuclear Stopping Powers.' <i>Phys. Rev.</i> , 161 , 219-34 (1967) <i>Comment</i> : R, dR. (0.1-1.0 MeV) Na, P, K, Cr, Cu, Br, Kr, Rb, Sb, Xe, W, Rn -> W (Cryst.); (40-500 keV) Na, K, Kr, Xe -> Al (Cryst.)	1967-Erik2 0272
1967	Fiedler, O. Ulrich, D. 'Das Relative Bremsvermogen Einiger Substanzen Fur Alpha-Teilchen Bis 5 MeV' <i>Z. Physik</i> , 200 , 493-98 (1967) <i>Comment</i> : S. 0.3-5 MeV He -> Al, Ag, Au, Zapon, Paraffine.	1967-Fied 0598
1967	Howe, L. M. Channing, D. A. 'Effect of Temperature on the Penetration of Heavy keV Ions in Monocrystalline Solids 2. Various Ions in Au, Al and W.' <i>Can. J. Phys.</i> , 45 , 2467-82 (1967) <i>Comment</i> : R, dR. (40-94 keV) Au, Kr, Na, Xe -> Au, Al, W (Cryst.)	1967-Howe 0304

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1967	Ishiwari, R. Shiomi, N. Mori, Y. Ohata, T. Uemura, Y. 'Comparison of Energy Losses of Protons and Deuterons of Exactly the Same Velocity' <i>Bull. Inst. Chem. Res. Kyoto Univ., 45, 379-87 (1967)</i> Comment : S. 7 MeV H, 14 MeV D -> Al	1967-Ishi 0353
1967	Kahn, S. Forgue, V. 'Range-Energy Relation and Energy Loss of Fission Fragments in Solids' <i>Phys. Rev., 163, 290-96 (1967)</i> Comment : S. Fiss. Fragm. -> Al, Ni, Ag, Au, U	1967-Kahn 0319
1967	Morita, K. Akimura, H. Suita, T. 'Stopping Cross-Sections of Metallic Films for Projectile of Low Energy Proton' <i>J. Phys. Soc. Jap., 22, 1503 (1967)</i> Comment : S. 7-35 keV H -> Be, Al, Cu, Ag, Au	1967-Mori 0291
1967	Vasilievsky, I. M. Prokoshkin, Yu. D. 'Ionization Energy Loss of Protons, Deuterons and Alpha-Particles' <i>Yaderna Fiz. (Russia), 4, 549-55 (1966)[Engl. Trans. Sov. Phys. Nucl. Phys., 4, 390-94 (1967)]</i> Comment : S. (267-650 MeV) H, D, He -> Cu, H, C, Al, Sn, Pb	1967-Vasi 0313
1967	White, W. Mueller, R. M. 'Measurement of Atomic-Stopping Cross Sections at Low Energies' <i>J. Appl. Phys., 38, 3660-61 (1967)</i> Comment : S. 20-140 keV H, He -> Al	1967-Whit 0324
1968	Biersack, J. P. 'Range of Recoil Atoms in Isotropic Stopping Materials' <i>Z. Physik, 211, 495-501 (1968)</i> Comment : R. (96-1335 keV) Al, Na, Mn, Mg, Co, Cu, Ra -> Al, Fe, Ni, Ar, Ne, O ₂ , N ₂ , CH ₄ , He, H ₂ , CuO, Al ₂ O ₃	1968-Bier 0332
1968	Croft, P. D. Street, K. 'Range-Energy Studies of Po and at Recoils in Al and Al ₂ O ₃ ' <i>Phys. Rev., 165, 1375-80 (1968)</i> Comment : R. 6-12 MeV Po, At -> Al, Al ₂ O ₃ .	1968-Crof 0330
1968	Duc, T. M. Demeyer, A. Tousset, J. Chery, R. 'Determination Experimentale De La Perte D'Energie, Des Parcours Et De La Dispersion D'Un Faisceau De Particules Alpha De 54' <i>MeV Dans Quelques Elements. J. Physique, 29, 129-135 (1968)</i> Comment : R, S, dS. 54.4 MeV He -> Cu, Ag, Tb, Tm, Au, S, dS. 50-54 MeV He, 27 MeV D -> Al	1968-Duc 0329
1968	Freeman, N. J. Latimer, I. D. 'The Ranges of 5-80 keV Deuterium Ions in Gold and Aluminum' <i>Can. J. Phys., 46, 467-72 (1968)</i> Comment : R. 5-80 keV D -> Al, Au	1968-Free 0337

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Kelly, R. 'Low-Energy Depth Distributions in Pt, Al and KCl as Obtained by Sputtering' <i>J. Appl. Phys.</i> , 39, 5298-5303 (1968) <i>Comment</i> : R, dR. 3-9 keV Kr -> Al, Pt, KCl	1968-Kell 0377
	Leminen, E. Fontell, A. Bister, M. 'Stopping Power of Al, Zn, and in for 0.6 - 2.4 MeV Protons' <i>Ann. Acad. Sci. Fenn. Ser. A Vi. Phys. No. 281, 1-12 (1968)</i> <i>Comment</i> : S. 0.6-2.4 MeV H -> Al, In, Zn	1968-Lemi 0398
1968	Morita, K. Akimura, H. Suita, T. 'Energy Loss of Low Energy Protons and Deuterons in Evaporated Metallic Films' <i>J. Phys. Soc. Jap.</i> , 25, 1525-32 (1968) <i>Comment</i> : S, dS. 7-40 keV H, D -> Cu, 7-40 keV H -> Be, Al, Ag, Au	1968-Mori 0399
	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
1968	Nakata, H. 'Ranges of Nitrogen Ions in Al, Ni, Ag, and Au' <i>Can. J. Phys.</i> , 46, 2765-69 (1968) (Erratum, <i>Can. J. Phys.</i> , 48, 1744 (1970)) <i>Comment</i> : S,R. 1-12 MeV ¹⁴ N -> Al, Ni, Ag, Au. Ranges From Transmission Through Foil Stacks.	1968-Naka 0366
	Powers, D. Chu, W. K. Bourland, P. D. 'Range of Ar, Kr, and Xe Ions in Solids in the 500 keV to 2 MeV Energy Region' <i>Phys. Rev.</i> , 165, 376-87 (1968) <i>Comment</i> : R, dR. (0.5 - 2.0 MeV) C, Ar, Kr, Xe -> Be, Al, V, Ni, Cu; S.(0.6 - 2.0 MeV) H -> V	1968-Powe 0310
1968	Tschalar, C. Bichsel, H. 'Mean Excitation Potential of Light Compounds' <i>Phys. Rev.</i> , 175, 476-8 (1968) <i>Comment</i> : R. 3-30 MeV H -> Si, Al, SiO ₂ , Al ₂ O ₃ , C ₃ H ₅ O ₂	1968-Tsch3 0904
	Whitton, J. L. 'The Depth Distribution of 40 keV ¹³³ Xe Ions in Various Single Crystals' <i>Can. J. Phys.</i> , 46, 581-86 (1968) <i>Comment</i> : R, dR. 40 keV ¹³³ Xe -> Ta, W, Al, Cu, Au, Ir (All Cryst.)	1968-Whit2 0335
1969	Albrecht, H. Munzel, H. 'Spezifischer Energie-Verlust von Schweren Ionen in Aluminum, Silber und Gold' <i>Z. Physik</i> , 220, 381-91 (1969) <i>Comment</i> : S. Fission Fragments -> Al, Ag, Au	1969-Albr 0833

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1969	Andersen, H. H. Simonsen, H. Sorensen, H. 'An Experimental Investigation of Charge-Dependent Deviations from the Bethe Stopping Power Formula' <i>Nucl. Phys.</i> , 125, 171-75 (1969) <i>Comment</i> : S. 5-13 MeV H, D; 8-20 MeV 3He, 4He -> Al, Ta	1969-Ande 0374
	Arhipov, 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-Ark 0410
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
	Blanchin, D. Poizat, J. -C. Remillieux, J. Sarazin, A. 'Experimental Determination of the Energy Loss of Protons Channeled through Aluminum Single-Crystal' <i>Nucl. Inst. Methods</i> , 70, 98-102 (1969) <i>Comment</i> : S, dS. 1.4 MeV H -> Al (Cryst.)	1969-Blan 0386
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
	Kalish, R. Grodzins, L. Chmara, F. Rose, P. H. 'Stopping Power of Solids for Fast Moving Tantalum Ions' <i>Phys. Rev.</i> , 183, 431-35 (1969) <i>Comment</i> : S. 10-140 MeV Ta -> C, Al, Ag, Au	1969-Kali 0394
1969	Nakata, H. 'Ranges of Nitrogen Ions in Se and Energy Losses of Alpha Particles in Al, N, Se, Ag, and Au' <i>Can. J. Phys.</i> , 47, 2545-52 (1969). [<i>Erratum, Can. J. Phys.</i> , 48, 1745 (1970)] <i>Comment</i> : S. (1.4-10 MeV) He, N -> Se, Al, Ni, Ag, Au	1969-Naka 0411
	Vasilievskii, I. M. Karpov, I. I. Petrushkin, V. I. Prokoshkin, Yu. D. 'Proton Ranges and Ionization Energy Losses in Various Materials' <i>Yaderna Fiz.</i> , 9, 997-1008 (1968) [<i>Eng. Transl. Sov. J. Nucl. Phys.</i> , 9, 583-9 (1969)] <i>Comment</i> : R. 660 MeV H -> C, Al, Cu, Sn, Pb	1969-Vasi 0905
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

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1970	Tschalar, C. Maccabee, H. D. 'Energy-Straggling Measurements of Heavy Charged Particles in Thick Absorbers' <i>Phys. Rev. B, 1, 2863-69 (1970)</i> <i>Comment : dS. 20, 49 MeV H, 80 MeV He -> Al, Au</i>	1970-Tsch 0412
1971	Arminen, E. Fontell, A. Lindroos, V. K. 'Anomalous High Collection of Copper Ions Implanted in Aluminum' <i>Phys. Stat. Sol., 4, 663-673 (1971)</i> <i>Comment : R. 30, 60 keV Cu -> Al</i>	1971-Armi 0973
1971	Bednyakov, A. A. Ignatov, V. G. Tulinov, A. F. Shustikov, Yu. N. 'Multiple Scattering and Energy Losses of Helium Ions in Aluminum for Energies Below 300 keV (In Russian)' <i>Vestn. Mosk. Univ. Fiz. Astron. No. 4, 402-10 (1971)</i> <i>Comment : S. 300 keV He -> Al</i>	1971-Bedn 0677
1971	Hakim, M. Schafrir, N. H. ' ²⁵² Cf Fission Fragment Energy Loss Measurements in Elementary Gases and Solids as Compared with Theory' <i>Can. J. Phys., 49, 3024-35 (1971)</i> <i>Comment : S. Fiss. Fragm. -> H2 D2, He, C, N2 O2, Ne, Al, Ar, Ni, Cu, Kr, Ag, Xe, Au</i>	1971-Haki 0432
1971	Ishiwari, R. Shiomi, N. Shirai, S. Ohata, T. Uemura, Y. 'Comparison of Stopping Powers of Al, Ni, Cu, Rh, Ag, Pt and Au for Protons and Deuterons of Exactly the Same Velocity' <i>Bull. Inst. Chem. Res. Kyoto Univ., 49, 390-402 (1971)</i> <i>Comment : S. 7.2 MeV H, 14.4 MeV D -> Al, Ni, Cu, Rh, Ag, Pt, Au</i>	1971-Ishi 0435
1971	Ishiwari, R. Shiomi, N. Shirai, S. Ohata, T. Uemura, Y. 'Stopping Power of Be, Al, Cu, Mo, Ta and Au for 28 MeV Alpha Particles' <i>Bull. Inst. Chem. Res. Kyoto Univ., 49, 403-08 (1971)</i> <i>Comment : S. 28 MeV He -> Be, Al, Cu, Mo, Ta, Au</i>	1971-Ishi2 0436
1971	Nakata, H. 'Analysis of Energy Loss Data for 0.2-0.5 MeV/amu p, alpha and N in Se' <i>Phys. Rev. B, 3, 2847 (1971)</i> <i>Comment : S. H, He, N (0.2-0.5 MeV) -> Se, Al, Ag</i>	1971-Naka 1726
1971	Nakata, H. 'Analysis of Energy-Loss Data for 0.2 - 5.0 MeV/amu p, alpha and N in Se.' <i>Phys. Rev. B, 3, 2847-51 (1971)</i> <i>Comment : S. 0.7-1.4 MeV H -> Al, Se, Ag</i>	1971-Naka2 0475

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Sykes, D. A. Harris, S. J. 'Energy Straggling of Alpha Particles in Thick Absorbers' <i>Nucl. Inst. Methods, 94, 39-44 (1971)</i> <i>Comment : dS. 5.5 MeV He -> Al</i>	1971-Syke 0674
1972	Bierman, D. J. VanVliet, D. 'Inelastic Energy Losses in Gases and Electronic Stopping Powers in Solids' <i>Physica, 57, 221-236 (1972)</i> <i>Comment : S. Ne (20-45 keV) -> Cu, Ni, Al</i>	1972-Bier 1952
1972	Brown, M. D. 'Interaction of Uranium Ions in Solids' <i>Ph.D. Thesis, University of Tennessee (1972)</i> <i>Comment : S. 30-95 MeV 238U -> C, Al, Ni, Ag, Au</i>	1972-Brow 0946
1972	Brown, M. D. Moak, C. D. 'Stopping Powers of Some Solids for 30-90-MeV 238U Ions' <i>Phys. Rev. B, 6, 90-94 (1972)</i> <i>Comment : S. 30-90 MeV 238U -> C, Al, Ni, Ag, Au</i>	1972-Brow2 0477
1972	Nann, H. Schafer, W. 'The Energy Straggling of Protons in Aluminium' <i>Nucl. Inst. Methods, 100, 217-19 (1972)</i> <i>Comment : dS. 8-19 MeV H -> Al</i>	1972-Nann 0471
1972	Sykes, D. A. Harris, S. J. 'The Anomalous Straggling of Alpha Particles in Aluminum Compared to Other Absorbers' <i>Nucl. Inst. Methods, 101, 423-25 (1972)</i> <i>Comment : dS. 6.8 MeV He -> Al, Cu, Ag, Au, Melinex</i>	1972-Syke 0665
1973	Bimbot, R. Gardes, D. 'Mesures Des Parcours De Recul De Noyaux Emetteurs Alpha Produits Par Reactions Nucleaires D'Apres Le Deplacement En Energie Du Spectre' <i>Nucl. Inst. Methods, 109, 333-40 (1973)</i> <i>Comment : R. 3.2-4.2 MeV 211At -> Al. S, dS. 7.45 MeV He -> Al</i>	1973-Bimb 0685
1973	Chu, W. K. Ziegler, J. F. Mitchell, I. V. Mackintosh, W. D. 'Energy-Loss Measurements of 4He Ions in Heavy Metals' <i>Appl. Phys. Letters, 22, 437-39 (1973)</i> <i>Comment : S. 2.0 MeV He -> Al, Si, V, Fe, Co, Ni, Cu, In, Ge, Mo, Sb, Te, Gd, Hf, Ta, W, Ir, Pt, Au, Pb</i>	1973-Chu 3 0124
1973	Feng, J. S. -Y. Chu, W. K. Nicolet, M. -A. Mayer, J. W. 'Relative Measurements of Stopping Cross Section Factors by Back-Scattering' <i>Thin Solid Films, 19, 195-204 (1973)</i> <i>Comment : S (1-2 MeV) He -> Au, Ag, Cu, Al, Si. Relative Stopping</i>	1973-Feng 0503

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1973	Feng, J. S. -Y. Chu, W. K. Nicolet, M-A. 'Bragg's Rule Study in Binary Metal Alloys Metal Oxides for MeV 4He+ Ions' <i>Thin Solid Films, 19, 227-236 (1973)</i> <i>Comment : S. 0.5-2.25 MeV He -> AuAg, AuCu, AuAl, Fe2O3, Fe3O4, Al2O3</i>	1973-Feng2 0506
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. (1973).</i> <i>Comment : S. 28.8 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au</i>	1973-Ishi 0920
1973	Neilson, G. W. Farmery, B. W. Thompson, M. W. 'Heavy Ion Ranges at 100 keV in Aluminum' <i>Phys. Letters A, 46, 45-46 (1973)</i> <i>Comment : R. 100 keV Cs, Ba, La, Sm, Eu, Tb, Au -> Al</i>	1973-Neil 0707
1973	Schimmerling, W. Vosburgh, K. G. Todd, P. W. 'Measurements of Range in Matter for Relativistic Heavy Ions' <i>Phys. Rev. B, 7, 2895-99 (1973)</i> <i>Comment : R.(40-270 MeV) N, Ne, Ar -> Polyethylene, Polymethylacrylat, Al, Cu, Pb</i>	1973-Schi 0448
1973	Sorensen, H. Andersen, H. H. 'Stopping Power of Al, Cu, Ag, Au, Pb and U for 5-18-MeV Protons and Deuterons' <i>Phys. Rev. B, 8, 1854-63 (1973)</i> <i>Comment : S. 5-18 MeV H, D -> Al, Cu, Ag, Au, Pb, U</i>	1973-Sore 0499
1974	Andersen, H. H. 'Studies of Atomic Collisions in Solids by Means of Calorimetric Techniques' <i>Aarhus University. Aarhus P. 1-279 (1974)</i> <i>Comment : S. 5-17 MeV H, D -> Al, Cu</i>	1974-Ande 0725
1974	Baglin, J. E. E. Ziegler, J. F. 'Tests of Bragg's Rule for Energy Loss of 4He Ions in Solid Compounds' <i>J. Appl. Phys., 45, 1413-1415 (1974)</i> <i>Comment : S. He (2 MeV) -> Si, Rh, Hf, Al, W, C, and many compounds</i>	1974-Bagl 1583
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

Citations for Target : **Al**

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
1974	Izmen, A. Birgal, O. Aras, N. K. 'Ranges of 99Mo and 140Ba in Several Stopping Media from the Spontaneous Fission of 252Cf' <i>J. Inorg. and Nucl. Chem., 36, 25-29 (1974)</i> <i>Comment : R. 179.4 MeV 99Mo 188 MeV 140Ba -> Al, Ni, Cu, Pd</i>	1974-Izme 0699
1974	Lagerlund, T. A. Blecher, B. Gotow, K. Keller, R. Lam, W. C. 'Range and Multiple-Scattering Measurements of Low-Energy Muons' <i>Nucl. Inst. Methods, 120, 521-24 (1974)</i> <i>Comment : R. 9-25 MeV Mu+ -> Al, Steel, Polyethylene</i>	1974-Lage 0635
1974	Nielsen, B. R. 'Specialeopgave Aarhus University' <i>Specialeopgave Aarhus University, pp 1-75 (In Danish) (1974)</i> <i>Comment : S. (1.6-20 MeV) H, D, He -> Al, Ag</i>	1974-Niel 0729
1974	Ottosen, H. L. 'Specialeopgave Aarhus University' <i>Specialeopgave Aarhus University, pp 1-54 (In Danish) (1974)</i> <i>Comment : S. 0.6-2.5 MeV H -> Al</i>	1974-Otto 0709
1974	Thompson, M. W. Neilson, G. W. 'Effects of Inner Shell Excitations on the Stopping Power of Solids for Heavy Ions' <i>Phys. Letters A, 49, 151-53 (1974)</i> <i>Comment : R. 100 keV Ba, La, Ce, Pr, Nd, Sm -> Al</i>	1974-Thom 0606
1975	Al-Bedri, M. B. Harris, S. J. 'Energy Straggling of Fission Fragments in Gases and Solids' <i>Nucl. Inst. Methods, 124, 125-130 (1975)</i> <i>Comment : dS. Cf Fiss. Frag. -> He, N, CO2, Ar, Kr, Ne, Air, Al, Ag, Cu, Au, CH4, Tissue Eq. Gas</i>	1975-Al 1273
1975	Andersen, H. H. Bottiger, J. WolderJorgensen, H. 'Ranges of Ions with Z1 > 54 in Al and Al2O3' <i>Appl. Phys. Letters, 26, 678-79 (1975)</i> <i>Comment : R, dR. (75-100 keV) Cs, Xe, Eu, Au, Tl -> Al, Al2O3</i>	1975-Ande 0715
1975	Feng, J. S. -Y. 'Energy Loss of 0.3-2.0 MeV 4He Ions in Aluminum.' <i>J. Appl. Phys., 46, 9444-45 (1975)</i> <i>Comment : S. 0.3-2.0 MeV He -> Al.</i>	1975-Feng 0816

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Gemmell, D. S. Remillieux, J. Poizat, J.-C. Gaillard, M. J. Holland, R. E. 'Evidence for an Alignment Effect in the Motion of Swift Ion Clusters through Solids' <i>Phys. Rev. Letters</i> , 34, 1420-4 (1975) <i>Comment</i> : S, dS. Molecular Hydrogen Beams (1.6- 4 MeV) -> Au, C, Al, Al ₂ O ₃	1975-Gemm 1265
1975	Harris, J. M. Nicolet, M. -A. 'Energy Straggling of 4He Ions Below 2 MeV in Al, Ni, Pt, and Au' <i>J. Vac. Sci. Technol.</i> , 12, 439-43 (1975) <i>Comment</i> : S,dS. 0.6-2.0 MeV He -> Al, Ni, Pt, Au	1975-Harr 0521
1975	Harris, J. M. Nicolet, M-A. 'Energy Straggling of 4He Ions below 2MeV in Al, Ni and Au.' <i>Phys. Rev. B</i> , 11, 1013-19 (1975) <i>Comment</i> : S,dS. 1-2 MeV He -> Al, Ni, Au	1975-Harr2 0704
1975	Ishiwari, R. Shiomi, N. Shirai, S. 'Z ¹ *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</i> , 51, 54-54 (1975) <i>Comment</i> : S. 28.8 MeV He -> Al, Ti, Fe, Ni, Cu, Mo, Ag, Ta, Au	1975-Ishi 0781
1975	Ishiwari, R. Shiomi, N. Katayama-Kinoshita, T. Sawada-Yasue, F. 'Search for Possible Geometrical Effect on Stopping Power Measurement' <i>J. Phys. Soc. Jap.</i> , 39, 557-65 (1975) <i>Comment</i> : S. 8.78 MeV He -> Al, Cu, Ag, Ta	1975-Ishi2 0783
1975	Lagerlund, T. D. Blecher, M. Gotow, K. Jenkins, D. Lan, W. C. 'Measurement of Range and Range Straggling of Low Energy Pions and Muons' <i>Nucl. Inst. Methods</i> , 128, 525-29 (1975) <i>Comment</i> : R, dR. 39.3 MeV Mu ⁺ , 33.0, 37.6 MeV Pi ⁺ , Pi ⁻ -> Al	1975-Lage 0775
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</i> , 275, 215 (1975) <i>Comment</i> : S. 80 - 840 keV Li -> B, Al, Ti, Ta, H ₂ O, D ₂ O, Plus 26 Compounds Of Boron (Doppler-Shift Attenuation Method)	1975-Neuw 0929
1975	Neuwirth, W. Pietsch, W. Richter, K. Hauser, U. 'Electronic Stopping Cross Sections of Elements and Compounds for Swift Lithium Ions' <i>Z. Physik A</i> , 275, 209-14 (1975) <i>Comment</i> : S. 80-840 keV Li -> Be, B, Al, Ti, Cu, Ta, AlB ₂ , AlB ₁₂ , B ₄ C, B ₂ O ₃ , BPO ₄ , B ₄ Si, CaB ₆ , CeB ₆ , Crb, Crb ₂ , Cr ₂ B ₃ , H ₂ O, D ₂ O, HBO ₂ , H ₃ BO ₃ , HFB ₂ , KBF ₄ , KBH ₄ , LaB ₆ , LiBH	1975-Neuw2 0813

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1975	Oetzmann, H. Feuerstein, A. Grahmann, H. Kalbitzer, S. 'Range Parameters of Heavy Ions in Amorphous Targets at LSS-Energies of 0.0006 < Epsilon < 0.3.' <i>Phys. Letters, 55A, 170-172 (1975)</i> <i>Comment : R, dR. 1-60 keV As, Ge, Sb, Au, Bi -> Si, Ge, Al</i>	1975-Oetz 1182
1975	Sharma, T. Mukherji, S. 'Ranges of 140Ba from Thermal Neutron Induced Fission of 235U Along the Different Crystallographic Directions of Aluminum Single Crystals' <i>J. Inorg. and Nucl. Chem., 37, 1845-49 (1975)</i> <i>Comment : R. 68.5, 140 MeV 140Ba -> Al (Cryst., Polycryst.)</i>	1975-Shar 0804
1975	Shepard, C. L. Porter, L. E. 'Stopping Power of Several Composite Materials for 2.5 and 3.5 MeV Deuterons and 5.5 MeV Alpha Particles.' <i>Phys. Rev. B, 12, 1649-57 (1975)</i> <i>Comment : S. (2.4-5.4 MeV) D, He -> Havar, Mu-Metal, Permalloy, Mylar, Teflon</i>	1975-Shep 0619
1975	Williams, J. S. Grant, W. A. 'High Resolution Rutherford Backscattering and Its Application to Ion Range and Ion Collectionrad' <i>Rad. Effects, 25, 55-56 (1975)</i> <i>Comment : R, dR. 20-80 keV Kr, Xe, Cs, Dy, Au, Pb, Bi -> Si, Al</i>	1975-Will 0611
1976	Abele, H. K. Glassel, P. Mair-Komor, P. Scheerer, H. J. Rosler, H. 'A Method for Measuring the Uniformity of Thin Targets by Means of an Alpha Source and a Q3D Spectrograph' <i>Nucl. Inst. Methods, 137, 157-67 (1976)</i> <i>Comment : dS. 8.78 MeV He -> C, Au, Ni, Al, SiO2, Ru</i>	1976-Abel 0911
1976	Al-Bedri, M. B. Harris, S. J. Parish, H. G. S. F. 'Energy Loss and Straggling Measurements for Low Energy Protons Transmitted through Thin Solid Films' <i>Rad. Effects, 27, 183-87 (1976)</i> <i>Comment : dS. 0.6-1.6 MeV P-> Melinex, Al, Cu, Au, Pb</i>	1976-Al 2 0818
1976	Armitage, B. H. Trehan, P. N. 'Energy Loss Straggling of Protons in Thick Absorbers' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 55-63 (1976)</i> <i>Comment : dS. 5-12 MeV H -> Al, V, Ni, Mo, Ag, Ta, Au</i>	1976-Armi 0855
1976	Armitage, B. H. Trehan, P. N. 'Energy Loss Straggling of Protons in Thick Absorbers' <i>Nucl. Inst. Methods, 134, 359-62 (1976)</i> <i>Comment : dS. 6-12 MeV H -> Al, V, Ni, Mo, Ag, Ta, Au</i>	1976-Armi2 0866

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1976	Bednyakov, A. A. Bulgakov, Yu. V. Nikolaev, V. S. Sobakin, V. P. Popov, B. M. 'Stopping Power Distribution for Fast Helium and Nitrogen Ions Passing through Metal Films' <i>Zh. Eksp. Teor. Fiz.</i> , 68, 2067-74 (1975) [Engl. Trans. <i>Sov. Phys. JETP</i> , 41, 1034-37 (1976) <i>Comment</i> : dS. 1.3 MeV He, 4.6 MeV N -> Al, Cu, Ag, Au	1976-Bedn 0878
	Bugeat, J. P. Chami, A. C. Ligeon, E. 'A Study of Hydrogen Implanted in Aluminum' <i>Phys. Letters</i> , 58A, 127-130 (1976) <i>Comment</i> : R. 10 keV H -> Al	1976-Buge 0940
1976	Colligon, J. S. Fuller, D. 'Secondary Ion Emission Studies of the Range Profiles of Implanted Ions' <i>Rad. Effects</i> , 28, 183-187 (1976) <i>Comment</i> : R, dR. 20 keV ¹³³ Cs -> Cu, Al	1976-Coll 0891
	Das, S. K. Kaminsky, M. Fenske, G. 'Correlation Between Blister Skin Thickness, the Maximum in the Damage-Energy Distribution, an Projected Ranges of He Ions in Metals: A Comparison for Al, V and Nb' <i>Application of Ion Beams to Metals, the Institute of Physics</i> , 293 - 298 (1976) <i>Comment</i> : R. (.1-1.5 MeV) He -> Al, V, Nb. Ranges From Metal Blister Skin Thickness.	1976-Das 0923
1976	Das, S. K. Kaminsky, M. Rossing, T. 'Helium Trapping in Aluminum and Sintered Aluminum Powders' <i>Ion Beam Surface Layer Analysis, 2, Ed. O. Meyer, G. Linker, and F. Kappeler, Plenum Co.</i> (1976) <i>Comment</i> : R, dR. 1.5 MeV H -> Al, Al ₂ O ₃ , Sapphire	1976-Das 2 1172
	Emmoth, B. Braun, M. Palenius, H. P. 'Implantation Profiles and Sputtering Studied by Detecting the Optical Radiation from Sputtered Particles Buring Bombardment' <i>J. Nucl. Mater.</i> , 63, 482-486 (1976) <i>Comment</i> : R, dR. 10 keV Li -> Ag, V, 20 keV Li -> Si, 20-40 keV Li -> Al, 40 keV Ar -> Ag	1976-Emmo 1070
1976	Fuller, D. Colligon, J. S. Williams, J. S. 'The Application of Correlated Sims and Rbs Techniques to the Measurement of Ion Implanted Range Profiles' <i>Surf. Science</i> , 54, 647-58 (1976) <i>Comment</i> : R. dR. 20, 30 keV ¹³³ Cs -> Si; 20 keV ¹³³ Cs -> Al	1976-Full 0888
	Grant, W. A. Dodds, D. Williams, J. S. Christodoulides, C. E. Baragiola, R. A. 'Heavy Ion Ranges in Silicon and Aluminum' <i>Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 693-703</i> (1976) <i>Comment</i> : R. 0.01 < Epsilon < 0.8 Cr, Ni, Ga, As, Br, Mo, Cs, La, Nd, Dy, Ta, Pt, Au, Pb -> Si, Al	1976-Gran 1013

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Kovaleva, E. A. Korol, V. M. Merrik, B. R. 'Ranges of Metals in Amorphous Si and Ge' <i>Elektronnaya Texnika, 2, 33-38 (1976)</i> <i>Comment : R, dR. 10-200 keV Li, Na, K, Rb, Cs -> Si, Ge, Al, Ni</i>	1976-Kova 0944
1976	Luomajarvi, M. Fontell, A. Bister, M. 'Energy Straggling of 4He Ions in Al and Cu in the Backscattering Geometry' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P.75-85, (1976)</i> <i>Comment : S, dS. 0.5-2 MeV He -> Al, Cu</i>	1976-Luom 0854
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	Prasad, K. G. Sharma, R. P. 'Energy Loss of Channeled Protons in Al Single Crystals' <i>Nucl. Inst. Methods, 132, 103-07 (1976)</i> <i>Comment : S. 1.5 MeV H -> Al (Cryst.)</i>	1976-Pras 0872
1976	Santry, D. C. Werner, R. D. 'Range of Heavy Ions Implanted into Solids as Measured by He Ion Backscattering' <i>Nucl. Inst. Methods, 139, 135-146 (1976)</i> <i>Comment : R, dR. 0.12-2.0 MeV Bi, Xe, Kr -> C, Al, Si</i>	1976-Sant 1053
1976	Sood, D. K. Dearnaley, G. 'Ion-Implanted Surface Alloys in Copper and Aluminum' <i>G. Carter, J. S. Colligon, W. A. Grant (Ed.): Appl. of Ion Beams to Materials. Inst. of Physics Conf. Ser. No. 28, 169-203 (1976)</i> <i>Comment : R. (150-300) keV Au, Mo, Bi, Ta, Mo, Gd, Bi, Cu, Rb, Ru, Cs, Ce, Eu, Ag, Cu, Se, Au -> Cu; Rb, Cd, Cs -> Al.</i>	1976-Sood 0826
1976	Strittmatter, R. B. Wehring, B. W. 'Alpha-Particle Energy Straggling in Solids' <i>Nucl. Inst. Methods, 135, 173-77 (1976)</i> <i>Comment : dS. 6.11 MeV He -> Al, Ag, Au</i>	1976-Stri 0862

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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.' <i>Phys. Rev. A, 16, 1929-1940 (1977)</i> <i>Comment : S. H, He, Li (1-21 MeV) -> Al, Cu, Ag, Au</i>	1977-Ande2 0779
	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' <i>Nucl. Inst. Methods, 140, 537-540 (1977)</i> <i>Comment : S. H (2-5.2 MeV) -> Al, Cu, Ag, Au</i>	1977-Ande3 0908
1977	Anttila, A. Bister, M. Fontell, A. Winterbon, K. B. 'Ranges of Some Light Ions Measured by (p,gamma) Resonance Broadening' <i>Rad. Effects, 33, 13-19 (1977)</i> <i>Comment : R. 20-100 keV 13C, 23Na, 26Mg, 27Al, 34S -> Ta; 29Si -> Al</i>	1977-Antt 1034
	Bednyakov, A. A. Bulgakov, U. V. Nikolaev, V. S. Sobakin, V. P. Chernov, V. L. 'The Energy Stragglng of Hydrogen and Helium Ions in Aluminum and Polystyrene' <i>Phys. Letters, 62A, 183-184 (1977)</i> <i>Comment : dS. 0.1-4.0 MeV H, He -> Al, Polystyrene</i>	1977-Bedn 1024
1977	Borgesen, P. Nicolet, M. A. 'Stopping Cross Section Measurements with Thin Supported Films' <i>Nucl. Inst. Methods, 140, 541-548 (1977)</i> <i>Comment : S. 0.5-2.0 MeV He -> Al, Au, Pt</i>	1977-Borg 1046
	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
	Sofield, C. J. Cowern, N. E. B. Freeman, J. M. Parthasaradhi, K. 'Energy Stragglng of 5.86-MeV Alpha Particles in Al.' <i>Phys. Rev. A, 15, 2221-2226 (1977)</i> <i>Comment : dS. 5.486 MeV He -> Al</i>	1977-Sofi 1048

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1977	Thornton, T. A. Anno, J. N. 'Secondary Electron Emission from 0.5-2.5 MeV Protons and Deuterons' <i>J. Appl. Phys.</i> , 48 , 1718 (1977) <i>Comment</i> : H, D (0.5-2.5 MeV) -> Al, V, Fe, Nb, Mo, steel Secondary electron yields.	1977-Thor2 1953
1978	Bimbot, R. DellaNegra, S. Gardes, D. Gauvin, H. Fleury, A. 'Stopping Power Measurements for 4-5 MeV/Nucleon ¹⁶ O, ⁴⁰ Ar, ⁶³ Cu, and ⁸⁴ Kr in C, Al, Ni, Ag, and Au' <i>Nucl. Inst. Methods</i> , 153 , 161-169 (1978) <i>Comment</i> : S. 4-5 MeV/amu ¹⁶ O, ⁴⁰ Ar, ⁶³ Cu, ⁸⁴ Kr -> C, Al, Ni, Ag, Au	1978-Bimb 1164
1978	Borgesen, P. Bottiger, J. Moller, W. 'Ranges of 10-30 keV Deuterons Implanted into Solids' <i>J. Appl. Phys.</i> , 49 , 4401-4405 (1978) <i>Comment</i> : R, dR. 10-30 keV D -> C, Al, Ni, Zr	1978-Borg 1191
1978	Bottiger, J. Jensen, P. S. Littmark, U. 'Depth Profiles of ³ He Ions Implanted into Solids at Energies Between 20 and 60 keV' <i>J. Appl. Phys.</i> , 49 , 965-970 (1978) <i>Comment</i> : R, dR. 20-60 keV ³ He -> C, Al, Si, V, Ni, Zr	1978-Bott2 1091
1978	Eckardt, J. C. Lantschner, G. Arista, N. R. Baragiola, R. A. 'Electronic Stopping of Slow Molecular Ions in Solids' <i>J. Phys. C: Sol. State Phys.</i> , 11 , L851-855 (1978) <i>Comment</i> : S. 12.5-130 keV/amu H, 2H -> C, Al	1978-Ecka 1157
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.</i> , 56 , 47-48 (1978) <i>Comment</i> : S, dS. 28 MeV He -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, Au	1978-Ishi3 1169
1978	Langley, R. A. Brice, D. K. 'Energy Straggling of Protons in Be, C, Al, Si' <i>Phys. Rev. B</i> , 18 , 4673 (1978) <i>Comment</i> : dS. (.5-2.5 MeV) H -> Be, C, Al, Si	1978-Lang3 1149
1978	Nickel, F. Marx, D. Guttner, K. Hofmann, S. Munzenberg, G. 'Multiple Scattering and Energy Loss of Fast Heavy Ions in Thin Solid Targets' <i>Z. Physik A</i> , 288 , 125-131 (1978) <i>Comment</i> : S, dS. 1.2 MeV/amu Ar, Kr, Xe, U -> C, Al, Ag, Au	1978-Nick 1247
1978	Picraux, S. T. Follstaedt, D. M. Baeri, P. Campisano, S. U. Foti, G. 'Depth Profile Studies of Extended Defects Induced by Ion Implantation in Si and Al' <i>Proc. Intl. Conf. Ion Beam Modification of Materials</i> (1978) <i>Comment</i> : R, dR. 200 keV P -> Si; 150 keV Ni -> Al	1978-Picr 1177

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1978	Rud, N. Bottiger, J. Jensen, P. S. 'Measurements of Energy-Loss Distributions for 6.5 MeV 15N in Solids.' <i>Nucl. Inst. Methods, 151, 247-252 (1978)</i> <i>Comment : S, dS. 6.5 MeV 15N -> C, Al, Cu, Ge, Ag, Sn, Bi</i>	1978-Rud 1104
1978	Sofield, C. J. Cowern, N. E. B. Petty, R. J. Freeman, J. M. Mason, J. P. 'Charge Exchange Effects in the Energy-Loss Straggling of 16O Ions in Al' <i>Phys. Rev. A, 17, 859-867 (1978)</i> <i>Comment : dS. 5-50 MeV 16O -> Al</i>	1978-Sofi 1088
1978	Tarle, G. Solarz, M. 'Evidence for Higher-Order Contributions to the Stopping Power of Relativistic Iron Nuclei' <i>Phys. Rev. Letters, 41, 483-486 (1978)</i> <i>Comment : S. 600 MeV/amu 56Fe -> CH2, C16H14O3, C, Al, Pb</i>	1978-Tarl 1173
1978	Thomas, J. P. Fallavier, M. 'Lithium Ion Production and Use for Backscattering Analysis in Aluminum and Aluminum Oxide Media' <i>Nucl. Inst. Methods, 149, 169-175 (1978)</i> <i>Comment : S,dS. Li (.2-3.5 MeV) -> Al, Al2O3</i>	1978-Thom 2208
1978	Thomas, J. P. Fallavier, M. 'Lithium Ion Production and Use for Backscattering Analysis in Al and Al2O3 Media' <i>Nucl. Inst. Methods, 149, 169-175 (1978)</i> <i>Comment : S,dS. He,Li (0.3-3MeV) -> Al2O3, Al</i>	1978-Thom2 1592
1979	Abel, G. Ross, G. Terreault, B. 'Ranges of 5-25 keV He+ Ions in Nb, Cu, Al, and Be' <i>Preprint (1979) 11</i> <i>Comment : R, dR. 5-25 keV He -> Nb, Cu, Al, Be</i>	1979-Abel 1371
1979	Andrews, H. R. Lennard, W. N. Mitchell, I. V. Ward, D. Phillips, D. 'Low Energy Stopping Powers Determined by Time of Flight Techniques' <i>IEEE Trans. Nucl. Sci., NS-26, 1326-1330 (1979)</i> <i>Comment : S. (0.180 <vel.< 0.219 cm/ns) (6 <= Z1 <= 20)-> C, Al, Ni, Ag, Au</i>	1979-Andr 1196
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	Cowern, N. E. B. 'Energy Straggling of Heavy Ions in Solids' <i>U.K. A. E. R. E., Rprt: R-9500 (1979)</i> <i>Comment : dS. He, O (5-48 MeV) -> Al</i>	1979-Cowe 2156

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Cowern, N. E. B. Sofield, C. J. Freeman, J. M. Mason, J. P. 'Energy Straggling of 3-36-MeV 12C Ions in Aluminum' <i>Phys. Rev. A, 19, 111-115 (1979)</i> <i>Comment : dS. 3-36 MeV 12C -> Al</i>	1979-Cowe2 1201
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	Kiriakidis, G. Christodoulides, C. E. Carter, G. Colligon, J. S. 'A RBS Technique for Measurement of the Erosion Rate of Ion Implanted Films' <i>Appl. Phys., 19, 191-194 (1979)</i> <i>Comment : R, dR. 10 keV Ar -> Al</i>	1979-Kiri 1250
1979	Luomajarvi, M. 'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.' <i>Rad. Effects, 40, 173-179 (1979)</i> <i>Comment : S. 0.3-1.5 MeV H -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au</i>	1979-Luom 1205
1979	Mertens, P. 'Electronic Stopping Cross Sections of 50-300 keV He and Li Ions' <i>Phys. Rev. A, 19, 1442-1447 (1979)</i> <i>Comment : S. 50-300 keV He, Li -> C, Al, Cu, Ag, Au</i>	1979-Mert 1130
1979	Santry, D. C. Werner, R. D. Westcott, O. M. 'The Range of 120 keV Ions in Solids' <i>IEEE Trans. Nucl. Sci., Ns-26, 1331-1334 (1979)</i> <i>Comment : R, dR. 120 keV Mg, Al, P, S, Cl, K, Ar, Cr, Mn, Cu, Zn, Ga, As, Br, Kr, Rb, Ag, In, Sn, Sb, Te, I, Xe, Cs, Ba, Pr, Au, Hg, Tl, Pb, Bi -> Be, C, Al, Si</i>	1979-Sant 1197
1979	Santry, D. C. Werner, R. D. 'Thickness Measurements of Thin Foils using Alpha Particles from 148Gd and 241Am' <i>Nucl. Inst. Methods, 159, 523-527 (1979)</i> <i>Comment : S, dS. 3.138 MeV - 5.486 MeV He -> Be, C, Al, Si, Ni, Ag, Au</i>	1979-Sant3 1350
1979	Takahashi, T. Awaya, Y. Tonuma, T. Kumagai, H. Izumo, K. 'Energy Straggling of C and He Ions in Metal Foils' <i>Nucl. Inst. Methods, 166, 587-589 (1979)</i> <i>Comment : dS. 5-7 MeV He, C -> Al, Ag, Au, Pb</i>	1979-Taka 1305

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Ward, D. Andrews, H. R. Mitchell, I. V. Lennard, W. N. Walker, R. B. 'Systematics for the Z1-Oscillation in Stopping Powers of Various Solid Materials' <i>Can. J. Phys.</i> , 57, 645-656 (1979). <i>Comment</i> : S. (vel.=0.18-0.22 cm/ns) C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca -> C, Al, Ni, Ag, Au	1979-Ward 1165
1980	Abel, G. Ross, G. Terreault, B. Labrie, J. P. 'Ranges of 5-25 keV He+ Ions in Nb,Cu,Al,and Be' <i>Nucl. Inst. Methods</i> , 170, 171-175 (1980) <i>Comment</i> : R, dR. 5-25 keV He -> Nb, Cu, Al, Be	1980-Abel 1374
1980	Andersen, H. H. Besenbacher, F. Goddixsen, P. 'Stopping Power and Stragglng of 80-500 keV Lithium Ions in C, Al, Ni, Cu, Se, Ag, and Te' <i>Nucl. Inst. Methods</i> , 168, 75-80 (1980) <i>Comment</i> : S, dS. 80-500 keV Li -> C, Al, Ni,Cu, Se, Ag, Te	1980-Ande 1308
1980	Asundi, V. K. Joshi, M. C. Deb, S. K. Kulkarni, V. N. Sood, D. K. 'Thermal Migration of Iron Implanted in Aluminum at High Doses' <i>Rad. Effects</i> , 49, 39-44 (1980) <i>Comment</i> : R, dR. 30 keV Fe -> Al	1980-Asun 1386
1980	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. 'Energy Losses and their Stragglng for H and He Ions with Energies of Several Hundreds of keV on Passage through Metal and Polystyrenen Films' <i>Sov. Phys., JETP</i> 51, 954 (1980) <i>Comment</i> : S, dS. H, He (120-1300 keV) -> Al, Cu, Ag, Au, polystyrene	1980-Bedn 1615
1980	Besenbacher, F. Andersen, J. U. Bonderup, E. 'Stragglng in Energy Loss of Energetic Hydrogen and Helium Ions' <i>Nucl. Inst. Methods</i> , 168, 1 (1980) <i>Comment</i> : R, dR. 0-600 keV H, He -> Ar, Ne, Kr, Xe, Ni, Au, Ag, Al	1980-Bese 1353
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</i> , 174, 231-236 (1980) <i>Comment</i> : S. Kr, Xe, Pb, U (3-5 MeV/amu) -> C, Al, Ti, Ni, Zr, Ag, Ta, Ir, Au, Mylar, Hostaphan	1980-Bimb 1408
1980	Bister, M. Keinonen, J. Anttila, A. 'On Dissimilarities of Heavy Ion Ranges in Aluminum and Silicon' <i>Phys. Letters, A</i> , (1980) <i>Comment</i> : R, dR. 120 keV Pb -> Al, Si	1980-Bist 1360

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Friedland, E. Lombaard, J. M. 'Energy-Loss Straggling of Al, Ni, and Au' <i>Nucl. Inst. Methods, 168, 25-27 (1980)</i> <i>Comment : S, dS. .4-2.2 MeV He -> Al, Ni, Au</i>	1980-Frie 1315
1980	Geissel, H. Armbruster, P. Kitahara, T. Kraft, G. Spieler, H. 'Energy Loss of Heavy Particles in Solid Materials' <i>Nucl. Inst. Methods, 170, 217 (1980)</i> <i>Comment : S. 0.5-1.5 MeV/amu Ar, U -> 6 <= Z2 <= 92</i>	1980-Geis 1255
1980	Kalbitzer, S. Oetzmann, H. 'Ranges and Range Theories' <i>Rad. Effects, 47, 57-72, (1980)</i> <i>Comment : R, dR. .1-2 MeV Bi, Sb, As, Ge, P, Au, Cs, Eu, Gd Tb -> Si, Ge, C, Al</i>	1980-Kalb 1323
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> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1980-Land3 1453
1980	Mertens, P. Krist, Th. 'Stopping Ratios of 50-300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 168, 33-39 (1980)</i> <i>Comment : S, dS. 30-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1980-Mert 1313
1980	Myers, S. M. 'Ion-Beam-Induced Migration and Its Effect on Concentration Profiles' <i>Nucl. Inst. Methods, 168, 266-274 (1980)</i> <i>Comment : R, dR. .1-2 MeV Zn, Cu -> Al, Be</i>	1980-Myer2 1307
1980	Santry, D. C. Werner, R. D. 'Stopping Power Values of Be, C, Al and Si for 4He Ions' <i>Nucl. Inst. Methods, 178, 523-530 (1980)</i> <i>Comment : S. He (0.2-2.0 MeV) -> Be, C, Al, Si</i>	1980-Sant2 1407
1980	Sofield, C. J. Cowern, N. E. B. Freeman, J. M. 'Charge-Exchange Effects in Energy-Loss Straggling' <i>Nucl. Inst. Methods, 170, 221-225 (1980)</i> <i>Comment : R, dR. 0-50 MeV Atomic Numbers 1-16 -> Al</i>	1980-Sofi 1378
1980	Waltner, A. W. Varghese, S. L. Willis, J. E. Shafroth, S. M. 'X-Ray Identification of Fusion Reaction Products Implanted in Al Foils Following O16 and F19 Bombardment of Co59 Foils' <i>Nucl. Inst. Methods, 170, 189-192 (1980)</i> <i>Comment : R, dR. 56-60 MeV O, F -> Al</i>	1980-Walt 1377

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Wampler, W. R. Follstaedt, D. M. Picraux, S. T. 'Electron Beam Annealing of Ion Implanted Al' <i>Appl. Phys. Letters, 36, 366-368 (1980)</i> <i>Comment : R, dR. 150 keV Zn Sb -> Al</i>	1980-Wamp 1367
1981	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. 'Energy Straggling of Hydrogen and Helium Ions in Al, C, and Polystyrene at Energies of Tens and Hundreds keV/amu' <i>Phys. Stat. Sol. A, 68, 187 (1981)</i> <i>Comment : S, dS. H, He (70-1200 keV) -> Al, C, Polystyrene</i>	1981-Bedn 1958
1981	Hahn, R. L. Toth, K. S. Ferguson, R. L. Plasil, F. 'Energy Loss and Straggling 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	Oberlin, J. C. Amokrane, A. Beaumevieille, H. Stoquert, J. P. 'Energy Straggling of Helium Ions in Aluminium' <i>IEEE Trans. Nucl. Sci., NS-28, 1225-1226 (1981)</i> <i>Comment : dS. He3 (0.1-2.3 MeV) -> Al</i>	1981-Ober 1452
1981	Salamon, M. H. Ahlen, S. P. Tarle, G. Creggin, K. C. 'Measurement of Higher Order Corrections to Stopping Power for Relativistic Ne, Ar and Fe Beams' <i>Phys. Rev. A, 23, 1, 73-76 (1981)</i> <i>Comment : R. Ne, Ar, Fe (600 MeV/amu) -> Al, Ar, Pb, Air, Kapton, CO2, Lexan</i>	1981-Sala 1463
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
1981	Santry, D. C. Werner, R. D. 'Stopping Power Values of C, Al, Si, Ni, Ag and Au for 3He Ions' <i>Nucl. Inst. Methods, 185, 517-521 (1981)</i> <i>Comment : S. He3 (200-2000 keV) -> C, Al, Si, Ni, Ag, Au</i>	1981-Sant2 1449
1982	Anthony, J. M. Lanford, W. A. 'Stopping Power and Effective Charge of Heavy Ions in Solids' <i>Phys. Rev. A, 25 (4), 1868-1879 (1982)</i> <i>Comment : S. C, Si, Cl, Ti, Fe, Ni, Ge, Br, Nb, I (0.1-3.5 MeV/amu) -> C, Al, Cu, Ag, Au</i>	1982-Anth 1395
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

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1982	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Geometric Effect on the Measurement of Stopping Power: Angular Dependent Energy Loss of 7 MeV Protons in Metallic and Organic Thin Foils' <i>Phys. Rev. A, 25, 2524 (1982)</i> <i>Comment : S. H (7 MeV) -> Be, Al, Ag, Mylar, Cellophane (Angular effects)</i>	1982-Ishi2 1676
1982	Kreussler, S. Varelas, C. Sizmann, R. 'Electronic Stopping Power and Effective Charge of 50- to 230 keV D and He in C, Al, Au and Cs' <i>Phys. Rev. B, 26 (11), 6099-6103 (1982)</i> <i>Comment : S. D, He (50-230 keV) -> C, Al, Cs, Au</i>	1982-Kreu 1416
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, YI 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
1982	Mertens, P. Krist, Th. 'Stopping Ratios of 50 - 300 keV Light Ions in Metals' <i>Nucl. Inst. Methods, 194, 57 (1982)</i> <i>Comment : S. 50-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au</i>	1982-Mert 1133
1982	Schultz, F. Brandt, W. 'Effective Charge of Low Velocity Ions in Matter: A Comparison of Theoretical Predictions with Data Derived from Energy Loss Measurements' <i>Phys. Rev. B, 26, 4864 (1982)</i> <i>Comment : S. He, N, Ne, Ar (0.5-1.3 Vo) -> C, Al, Au</i>	1982-Schu 1959
1983	Aumayr, F. Bauer, P. Semrad, D. 'Accuracy of Stopping Cross Section Determination from RBS Spectray by Wartens' Method' <i>Nucl. Inst. Methods, 212, 529 (1983)</i> <i>Comment : S. H (60-1000 keV) -> Al, Cu, Ag, Au,</i>	1983-Auma 1600
1983	Fink, D. Biersack, J. P. Stadel, M. Tjan, K. Cheng, V. K. 'Nitrogen Depth Profiling using the N(n,p)C Reaction' <i>Nucl. Inst. Methods, 218, 171-175 (1983)</i> <i>Comment : R. N(1.5 MeV) -> Al, Si, Fe, Ni, Cu, Co, Ge,Zr, Nb, Mo, Sn, Pb</i>	1983-Fink2 2117

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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 Straggling 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	Krist, Th. Mertens, P. 'Stopping Ratios for 30-330 keV Light Ions in Materials with $57 \leq Z \leq 83$ ' <i>Nucl. Inst. Methods, 218, 821-826 (1982)</i> <i>Comment : S. H, He, Li (50-300 keV) -> C, Al, Cu, Ag, Au</i>	1983-Kris 1312
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
1983	Shchuchinsky, J Peterson. C. Brandt, W. 'Charge Dependence of Slow Ion Energy Losses in Transmission Experiments' <i>IEEE Trans. Nucl. Sci., NS-30, 1063 (1983)</i> <i>Comment : S. Ar (250 keV) -> C, Al Au. Charge state effects.</i>	1983-Shch 1765
1983	Yalyshko, S. V. 'Stopping Cross Section of N-14 Ions in Aluminum at Energies up to 30 keV/amu' <i>Atom. Energy, 55, 112. English transl.: Sov. At. Energy, 55, 550-552 (1983)</i> <i>Comment : S. N (160-300 keV) -> Al</i>	1983-Yaly 1788
1983	Yalyshko, S. V. Wedell, R. 'Stopping Power for N+ Ions with Energies from 160-440 keV in Aluminum' <i>Phys. Stat. Sol. B, 116, K47-50 (1983)</i> <i>Comment : S. N (160-440 keV) -> Al</i>	1983-Yaly2 1418
1984	Desmarais, D. Duggan, J. L. 'An Undergraduate Alpha Particle Time of Flight Experiment for Determining the Mean Excitation Energy for Electronic Stopping Power of Al, Cu, Ag and Au' <i>Am. J. Phys., 52, 408-411 (1984)</i> <i>Comment : S. He (2.5-3.8 MeV) -> Al, Cu, Ag, Au</i>	1984-Desm 1638

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1984	Ishiwari, R. Shiomi, N. Sakamoto, N. 'Geometrical Effect on the Measurement of Stopping Powers: Angle-Dependent Energy Loss of 7 MeV Protons in Be, Al, Cu, Ag and Ta' <i>Phys. Rev. A, 30, 82 (1984)</i> <i>Comment : S. H (7 MeV) -> Be, Al, Cu, Ag, Ta (Angular effects)</i>	1984-Ishi3 1679
	Krist, Th. Mertens, P. 'Application of Brandt's Effective Charge Theory to Measurements for 50-350 keV Ions with $1 \leq Z_1 \leq 5$ ' <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
1984	Sampietri, C. Verga, A. Dierckx, R. Kley, W. Sangiust, V. 'Angular Distributions during the Stopping of Alpha's in Aluminum' <i>Eur. Appl. Res. Rep. Nucl. Sci Tech., Sect. 5, 677 (1984)</i> <i>Comment : S, dS. He(1.0-5.4 MeV) -> Al. Angular distribution of stopping and straggling.</i>	1984-Samp 1754
	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> <i>Comment : S. He (2-7 MeV) -> > C, Al, Si, Ti, Ni, Ag, Au, Mylar</i>	1984-Sant 1757
1984	Santry, D. C. Werner, R. D. 'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Li-7 Ions' <i>Nucl. Inst. Methods, B5, 449 (1984)</i> <i>Comment : S. Li (0.2-1.8 MeV) -> > C, Al, Si, Ni, Ag, Au</i>	1984-Sant2 1758
	Shchuchinsky, J. Peterson, C. 'Stopping Power and Energy Loss Stragglings of Slow Protons Moving in C, Al, and Au; Effective Charge Fractions and Straggling of Heavy Ions' <i>Rad. Effects, 81, 221-229 (1984)</i> <i>Comment : S, dS. H (8-300 keV) -> C, Al, Au</i>	1984-Shch 1426
1984	Sirotnin, E. I. Tulinov, A. F. Khodyrev, V. A. Mizgulin, V. N. 'Proton Energy Loss in Solids' <i>Nucl. Inst. Methods, B4, 337 (1984) -1</i> <i>Comment : S. H (0.1-6.0 MeV) -> Al, Si, Sc, V, Cu, Zn, Ga, Ge, Y, Zr, Nb, Mo, Ag, Cd, In, Sn, La, Sm, Gd, Yb, Hf, Ta, W, Pt, Au, Pb</i>	1984-Siro 1770
	Iwase, A. Sasaki, S. Iwata, T. Nihira, T. 'Calorimetric Measurements of Stopping Power of Al and Ni for Cl and C Ions' <i>J. Phys. Soc. Jap., 54 (5), 1750-1756 (1985)</i> <i>Comment : S. C, Cl (2.8-5.1 MeV/amu) -> Al, Ni</i>	1985-Iwas 1415

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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> <i>Comment : S,R, dR. N (800 keV) -> 24 Solids (C-Pb)</i>	1985-Land 1454
1985	Schulz, F. Shchuchinsky, J. 'Proton Stopping Cross Sections for C, Al and Au: New Experimental Data and Critical Analysis of the Validity of Empirical Fit Formulas' <i>Nucl. Inst. Methods, B12, 90-94 (1985)</i> <i>Comment : S. H (8-300 keV) -> C, Al, Au</i>	1985-Schu 1433
1986	Bauer, P. Semrad, D. 'Stopping of Hydrogen Ions in Chemically Active Metal Targets Characterized by AES and RBS' <i>Nucl. Inst. Methods, B13, 201-206 (1986)</i> <i>Comment : S. H (30-500 keV) -> Al, Nb</i>	1986-Baue 1432
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> <i>Comment : S. Ar, Ca (20-80 MeV/amu) -> Be, C, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1986-Bimb 1429
1986	Izsak, K. Berthold, J. Kalbitzer, S. 'Range Phenomena of Low Energy Ions in Solids' <i>Nucl. Inst. Methods, B15, 34-41 (1986)</i> <i>Comment : R. In, Xe, Pb, Cs, Au, (.01 < epsilon < 1) -> Al, Si, Ni, Ri, Ge, Al2O3</i>	1986-Izsa 2198
1986	Lennard, W. N. Geissel, H. 'Energy Loss and Energy Loss Straggling for Heavy Ions' <i>Nucl. Inst. Methods, B27, 338 (1986)</i> <i>Comment : S,dS. Ar, Mg (16 keV/amu) -> C, Al (thickness and angular effects)</i>	1986-Lenn3 1964
1986	Lin, H. H. Li, L. W. Norbeck, E. 'Stopping Powers of C, Al, Ni, Cu, In, Sn, Ag and Au for ⁷ Li Ions of 1.0-4.7 MeV' <i>Nucl. Inst. Methods, B17, 91-96 (1986)</i> <i>Comment : S. Li (1.0-4.7 MeV) -> C, Al, Ni, Cu, In, Sn, Ag, Au</i>	1986-Lin 1428
1986	Mertens, P. Bauer, P. Semrad, D. 'Proton Stopping Powers in Al, Ni, Cu, Ag and Au Measured Comparatively on Identical Targets in Backscattering and Transmission Geometry' <i>Nucl. Inst. Methods, B15, 91-95 (1986)</i> <i>Comment : S. H, D (30-600 keV) -> Al, Ni, Cu, Ag, Au</i>	1986-Mert2 1434

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1986	Santry, D. C. Werner, R. D. 'Energy Loss of He Ions in Al ₂ O ₃ and SiO ₂ ' <i>Nucl. Inst. Methods, B14, 169-172 (1986)</i> <i>Comment : S. He(0.2-5.8 MeV) -> Al₂O₃, SiO₂, Al</i>	1986-Sant 1194
1986	Semrad, D. Bauer, P. Eder, K. Obermann, W. 'Apparatus for Measuring the Stopping Power of Active Materials Evaporated in-situ and Characterized by Auger Electron Spectrometry and Rutherford Backscattering' <i>Rev. Sci. Inst., 57, 1368-1372 (1986)</i> <i>Comment : S. H, D, (30-500 keV/amu) -> Al</i>	1986-Semr2 1784
1986	Semrad, D. Mertens, P. Bauer, P. 'Reference Proton Stopping Cross Sections for Five Elements around the Maximum' <i>Nucl. Inst. Methods, B15, 86-90 (1986)</i> <i>Comment : S. H (30-700 keV) -> Al, Ni, Cu, Ag, Au</i>	1986-Semr3 1474
1987	Barros Leite, C. V. Baptista, G. B. Patnaik, B. K. 'Recent Relative Stopping Power Measurements by Monoenergetic Methods' <i>Nucl. Inst. Methods, B24/25, 343 (1987)</i> <i>Comment : S. He (0.3-2.6 MeV) -> Al</i>	1987-Barr 1605
1987	Bauer, P. 'How to Measure Absolute Stopping Cross Sections by Backscattering and by Transmission Methods' <i>Nucl. Inst. Methods, B27, 301-314 (1987)</i> <i>Comment : S. H, D (30-600 keV) -> Al, Ni, Ag, Au (review of technique)</i>	1987-Bauc 1484
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> <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-Fink 1645
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> <i>Comment : S. O (20-95 MeV/amu) -> Be, Al, Si, Ti, Ni, Cu, Ag, Ta, Au, Mylar</i>	1987-Gauv 1400
1987	Mertens, P. 'How to Measure Absolute Stopping Cross Sections by Backscattering and by Transmission Methods' <i>Nucl. Inst. Methods, B27, 315-322 (1987)</i> <i>Comment : S. H (20-700 keV) -> C, Al</i>	1987-Mert 1485

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1987	Neuwirth, W. 'On the Precision of Stopping Power Data for Lithium Projectiles Obtained with the IDSA-Method' <i>Nucl. Inst. Methods, B27, 335-337 (1987)</i> <i>Comment : S. Li (175 keV) -> C, Al, Cu</i>	1987-Neuw 1498
	Niiler, A. 'Stopping Power Uncertainty Effects in Thick Target RBS Analysis' <i>Nucl. Inst. Methods, B24/25, 358 (1987)</i> <i>Comment : S. H (0.2-1.0 MeV) -> Cu, Ni, Al (RBS simulation)</i>	1987-Niil 1729
1988	Bednyakov, A. A. Nikolaev, V. S. Sobakin, V. P. 'The Penetration of Nitrogen and Oxygen Ions with Energy of 30-330 keV/amu through Metallic Films: Energy Loss, Multiple Scattering and Effective Charge' <i>All-Union Institute of Scientific and Technical Information, deposit # VINITI-5526-B88, Moscow (1988)</i> <i>Comment : S, dS. N, O (30-330 keV/amu) -> Al, Cu, Ag, Au</i>	1988-Bedn 2237
	Eppacher, C. Semrad, D. 'Determination of Stopping Power for Ions by Backscattering from Thin Targets' <i>Nucl. Inst. Methods, B35, 109 (1988)</i> <i>Comment : S. He (90-500 keV) -> Al</i>	1988-Eppa 1641
1988	Herauld, 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> <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-Hera 1972
	Ishiwari, R. Shiomi, Tsuda, N. Sakamoto, N. 'Stopping Powers of Al and Cu for Protons from 3-9 MeV' <i>Nucl. Inst. Methods, B35, 118 (1988)</i> <i>Comment : S. H(3-9 MeV) -> Al, Cu (mean excitation energies)</i>	1988-Ishi 1683
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
	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> <i>Comment : R, dR. He (200 keV)-> Mg, Al, Ti, V, Fe, Ni, Zr, Nb, Cl2O3, MgO</i>	1988-Lewi 1517

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1988	Ogino, K. Kiyosawa, T. Kiuchi, T. 'Stopping Powers for MeV Tritons in Solids' <i>Nucl. Inst. Methods, B33, 155-157 (1988)</i> <i>Comment : S. T(2.3-5.4 MeV) -> Al, Ti, Ni, Nb, Ag, Sn, Au</i>	1988-Ogin 1404
1988	Yamaguchi, S. Takahiro, K. Nakajima, H. Fujino, Y. Sagara, S. 'Energy Loss of He Ions in H-Implanted Materials' <i>Nucl. Inst. Methods, B33, 163-167 (1988)</i> <i>Comment : S. He (1.5 MeV) -> Be, Si, Al (doped with H)</i>	1988-Yama 1962
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> <i>Comment : dS. H (2-7 MeV) -> Al, Ti, Ag, W</i>	1989-Baue 1607
1989	Bimbot, R. Gauvin, H. Herault, J. Anne, R. Bastin, G. 'Interaction of 20-100 MeV/amu Heavy Ions with Solids and Gases' <i>Rad. Effects, 110, 15-17 (1989)</i> <i>Comment : S. O, Ar, Ca, Kr, Mo, Xe (20-95 MeV/amu) -> 10 Gases, 12 Solids</i>	1989-Bimb3 1936
1989	Lu, X. Xia, Z. Shen, D. Mao, L. Wang, X. 'Measurement of Stopping Powers for F-19 Ions at 6.5 MeV in Al' <i>Nucl. Inst. Methods, B36, 350-351 (1989)</i> <i>Comment : S. F (6.5 MeV) -> Al</i>	1989-Lu 1940
1990	Bauer, P. 'Stopping Power of Light Ions near the Maximum' <i>Nucl. Inst. Methods, B45, 673 (1990)</i> <i>Comment : S. H, H- (30-700 keV) -> C, Al, Si, Ni, Cu, Ag, Au, SiO2, HC2, Al2O3</i>	1990-Baue 1608
1990	Blank, B. Gaimard, J. J. Geissel, H. Munzenberg, G. Schmidt, K. H. 'Energy Loss Measurements with Heavy Ions at Relativistic Energies' <i>Nucl. Inst. Methods, B51, 85-88 (1990)</i> <i>Comment : S. Ar, P, N, Li (130-401 MeV/amu) -> C, Al, Pb</i>	1990-Blan 1924
1990	Gauvin, H. Bimbot, R. Herault, J. Kubica, B. Anne, R. 'Stopping Powers of Solids for Kr, Mo, and Xe Ions at Intermediate Energies (20-45 MeV/amu) and the Charge State Distributions at Equilibrium' <i>Nucl. Inst. Methods, B47, 339 (1990)</i> <i>Comment : S. Kr, Mo, Xe (25-45 MeV/amu) -> Be, Al, Ta, Au, C, V, Mylar</i>	1990-Gauv 1976
1991	Abdesselam, A. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Slowing Down of Heavy Ions in Solids near the Stopping Power Maximum' <i>Nucl. Inst. Methods, B56/57, 355-357 (1991)</i> <i>Comment : S. C, O, Al, Cu, Ti, I, Ag, Au (0.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta, Au</i>	1991-Abde 1913

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1991	Abdesselam, N. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Stopping Power of C and Al Ions in Solids' <i>Nucl. Inst. Methods, B61, 385-393 (1991)</i> <i>Comment : S. C, Al (.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta and Au</i>	1991-Abde2 1906
1991	Antolak, A. J. Handy, B. N. Morse, D. H. Pantau, A. E. 'Energy Loss and Stragglng 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	Raisanen, J. Rauhala, E. Bjornberg, M. Kiss, A. Z. Dominguez, J. 'Stopping Powers of Al and Sn for He, Li, B, C, N and O Ions in the Energy Range 0.5-2.6 MeV/amu' <i>Rad. Effects, 118 (2), 97-103 (1991)</i> <i>Comment : S. He, Li, B, C, N, O (0.5-2.6 MeV/amu) -> Al, Sn</i>	1991-Rais 1988
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
1991	Santry, D. C. Werner, R. D. 'Measured Stopping Powers of C-12 and N-14 Ions in Thin Elemental Foils' <i>Nucl. Inst. Methods, B53, 7-14 (1991)</i> <i>Comment : S. C, N (0.2-2.0 MeV) -> Be, C, Al, Si, Ne, Ag, Au</i>	1991-Sant 1916
1992	Abdesselam, M. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Stopping Power of O-16, Ti-48, Ag-108 in C and Al between 0.5-3 MeV/amu' <i>Nucl. Inst. Methods, B72, 293-301 (1992)</i> <i>Comment : S. O, Ti, Ag (0.5-3.0 MeV/amu) -> C, Al</i>	1992-Abde 1879
1992	Abdesselam, M. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Cu, I and Au Stopping Powers in Solid Targets' <i>Nucl. Inst. Methods, B72, 7-15 (1992)</i> <i>Comment : S. Cu, I and Au (0.4-3.4 MeV) -> C, Al, Cu, Ag, Ta and Au</i>	1992-Abde2 1882
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

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1992	Eppacher, Ch. Semrad, D. 'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties' <i>Nucl. Inst. Methods, B69, 33-38 (1992)</i> <i>Comment : S. H, He (20-250 keV/amu) -> Au, Cr, Ag, Al, Ge, Sn, Pb</i>	1992-Eppa2 2161
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
1993	Abdesselam, M. Stoquert, J. P. Hage-Ali, M. Grob, J. J. Siffert, P. 'C-12, N15 and O-16 Stopping Powers between 0.5-3.4 MeV in Solid Targets' <i>Nucl. Inst. Methods, B73, 115-122 (1993)</i> <i>Comment : S. C, N, O (0.5-3.4 MeV) -> Al, Cu, Ag and Au</i>	1993-Abde 1875
1993	Valdes, J. E. Tamayo, G. M. Lantschner, G. H. Eckardt, J. C. Arista, N. R. 'Electronic Energy Loss of Low Velocity H+ Beams in Al, Ag, Sb, Au and Bi' <i>Nucl. Inst. Methods, B73, 313-318 (1993)</i> <i>Comment : S. H(<10 keV) -> Al, Ag, Au, Bi</i>	1993-Vald 1874
1994	Benka, O. Steinbauer, E. Bauer, P. 'Kinetic Electron Emission Yield induced by H and He Ions versus Stopping Power for Al, Cu, Ag and Au' <i>Nucl. Inst. Methods, B90, 64-66 (1994)</i> <i>Comment : S. H, He (0.5-4.8 MeV) -> Al, Cu, Ag, Au Electron emission effects.</i>	1994-Benk 2045
1994	Raisanen, J. Rauhala, E. 'Stopping Powers of 0.4-0.9 MeV Na in Al, Au, Mylar, Havar and LR-115' <i>Rad. Effects, 128, 163-166 (1994)</i> <i>Comment : S. Na (0.4-0.9 MeV) -> Al, Au, Mylar, Havar and LR-115</i>	1994-Rais3 1535
1994	Scheidenberger, C. Geissel, H. Mikkelsen, H. H. Nickel, F. Brohm, T. 'Direct Observation of Systematic Deviations from the Bethe Stopping Theory for Relativistic Heavy Ions' <i>Phys. Rev. Letters, 73, 50-53 (1994)</i> <i>Comment : S. O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb</i>	1994-Sche 1852
1994	Scheidenberger, C. Geissel, H. Mikkelsen, H. H. Nickel, F. Brohm, T. 'Direct Observation of Systematic Deviations from the Bethe Stopping Theory for Relativistic Heavy Ions' <i>Phys.Rev.Lett. 73, 50-53, 1994</i> <i>Comment : S. O, Ar, Kr, Xe (700-1000 MeV/amu) -> Be, C, Al, Cu, Pb</i>	1994-Sche2 2323

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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
1995	Arstila, K. Keinonen, J. Tikkanen, P. 'Stopping Pwer for Low Velocity Heavy Ions: Si Ions (0.01-0.9 MeV/amu) in 18 (Z=13-79) Metals' <i>Nucl. Inst. Methods, B101, 321-326 (1995)</i> <i>Comment : S. Si (0.01-0.9 MeV/amu) -> 18 Metals (Z=13-79)</i>	1995-Arst 1840
1995	Ouichaoui, S. Rosier, L. Hourany, E. Bimbot, R. Redjdal, N. 'Stopping Powers of Al, Cu, Ag and Au Media for S, Br, and I Ions' <i>Nucl. Inst. Methods, B95, 463-469 (1995)</i> <i>Comment : S. S, Br (2 MeV/amu), I (1.47 MeV/amu) -> Al, Cu, Ag, Au</i>	1995-Ouic 1850
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' <i>Nucl. Tech., 19, 492-496 (1996)</i> <i>Comment : S. Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb</i>	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' <i>Nucl. Inst. Methods, B115, 98-101 (1996)</i> <i>Comment : S. Li (1-6 MeV) -> C, Al, Cu, Ag, Au, Pb</i>	1996-Li 3 1816
1996	Liu, J. R. Zheng, Z. S. Chu, W. K. 'Stopping Cross Sections of C, Al, Si for Li-7 Ions' <i>Nucl. Inst. Methods, 118, 24-28 (1996)</i> <i>Comment : S. Li (1-7 MeV) -> C, Al, Si</i>	1996-Liu 0592
1996	Martinez-Tamayo, G. Eckardt, J. C. Lantschner, G. H. Arista, N. R. 'Energy Loss of H and He Ions in Al, Zn, and Au in the Intermediate Energy Range' <i>Phys. Rev. A, 54, 3131-3138 (1996)</i> <i>Comment : S. H, He (1-200 keV) -> Al, Zn and Au</i>	1996-Mart 1267
1997	Jokinen, J. 'Stopping Powers of C, Al and Cu for use in ERDA Analyses with Probing MeV-Energy Au Ions' <i>Nucl. Inst. Methods, B124, 447-452 (1997)</i> <i>Comment : S. Au, C, Al, Au -> C, Al, Cu</i>	1997-Joki2 2240

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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	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
1999	Angulo, C. Delbar, T. Graulich, J. S. Leleus, P. 'Stopping Power Measurements: Implications in Nuclear Astrophysics' <i>AIP Conf. Proc., 495, 381-384 (1999)</i> <i>Comment : S. Be, B, C, N, O, F, Ne (1 MeV/u) -> C, Al, Ni, Ch2, PVC</i>	1999-Angu 2372
2000	Angulo, C. Delbar, Th. Graulich, J. -S. Leleux, P. 'Stopping Powers of Ions at 1 MeV per Nucleon' <i>Nucl. Instl. Methods, V170, 21-27 (2000)</i> <i>Comment : S. Be, B, C, N, O, F, Ne (1 MeV/u) -> C, Al, Ni, CH2, PVC</i>	2000-Angu 2337
2000	Arstila, K. 'An Experimental Method for Precise Determination of Electronic Stopping Powers for Heavy Ions' <i>Nucl. Inst. Methods, B168, 473-483 (2000)</i> <i>Comment : S. Si -> SiO2, Si, ZrO2, Zr, Al2O3, Al</i>	2000-Arst 3113
2000	Hoshino, Y. Okazawa, T. Nishii, T. Nishimura, T. Kido, Y. 'Correction of Ziegler's Stopping Powers of Al, Si and their Oxides for MeV He Ions' <i>Nucl. Inst. Methods, B171, 409-413 (2000)</i> <i>Comment : S. He (1.1 - 2.6 MeV) -> Al, Si</i>	2000-Hosh 2344
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

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2000	Shen, Y. Lu, X. Xia, Z. Shen, D. Jiang, D. 'Stopping Powers of Al for MeV Si Ions' <i>Nucl. Inst. Methods, B160, 11-15 (2000)</i> <i>Comment : S. Si (0.8 - 6.4 MeV) -> Al</i>	2000-Shen 2340
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Cortina, D. 'Drastic Enhancement of Energy-Loss Straggling of Relativistic Heavy Ions due to Charge-State Fluctuations' <i>Phys. Rev. Lett., 85, 2725-2728 (2000)</i> <i>Comment : dS. Au, Pb, Bi (100 - 1000 MeV/u) -> Be,Ag,Au,Ta,Pb,Al,Bi,Cu,</i>	2000-Weic 2347
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Baumann, T. 'Slowing Down of Relativistic Few-Electron Heavy Ions' <i>Nucl. Inst. Methods, B164-165, 168-179 (2000)</i> <i>Comment : S. Au, Pb, Bi (100 - 1000 MeV/u) -> Be,Al,Cu,Ag,Ta,Au,Pb</i>	2000-Weic2 2352
2002	Andersen, H.H. Csete, A. Ichioka, T. Knudsen, H. Moller, S.P. 'An Apparatus to Measure Stopping Powers for Low-Energy Antiprotons and Protons' <i>Nucl. Inst. Methods, B194, 217-225 (2002)</i> <i>Comment : S. H and H- -> C, Al, Ni, Au</i>	2002-Ande 3134
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
2002	Zhang, Y. 'High-Precision Measurement of Electronic Stopping Powers for Heavy Ions using High-Resolution Time-of-Flight Spectrometry' <i>Nucl. Inst. Methods, B196, 1-15 (2002)</i> <i>Comment : S. Stopping of 18 Heavy Ions into C, Al and Au Targets</i>	2002-Zhan 3135
2004	Lu, X. Zheng, T. Xia, Z. Shen, D. 'Measured Stopping Power for 16-O Ions in Al, Cu and Ag Foils' <i>Applied Surf. Science, 221, 10-12 (2004)</i> <i>Comment : S. O -> Al, Cu, Ag</i>	2004-Lu 3114
2004	Moller, S. P. Csete, A. Ichioka, T. Knudsen, H. Uggerhoj, U. I. 'Stopping Power in Insulators and Metals without Charge Exchange' <i>Phys. Rev. Lett., 93, 042502-1 - 4 (2004)</i> <i>Comment : S. H -> Al</i>	2004-Moll 3123

Citations for Target : **Al**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2005	Bianconi, M. Barradas, N. P. Correria, L. 'The Stopping Cross-Section of Aluminum for He Ions' <i>Nucl. Inst. Methods, B239, 127-134 (2005)</i> <i>Comment : S. He -> Al</i>	2005-Bian 3120
2005	Hsu, J. Y. Yu, Y. C. Liang, J. H. Chen, K. M. 'Experimental Stopping Forces in Aluminum and Silver by He3/He4, Li6/Li7 and B10/B11 Ions' <i>Nucl. Inst. Methods, B241, 155-159 (2005)</i> <i>Comment : S. He3, He4, Li6, Li7, B10, B11 -> Al, Ag</i>	2005-Hsu 3104
2009	Trzaska, W.H. Knyazheva, G.N. Perkowski, J. Andrzejewski, J. Khlebnikov, S.V. 'Energy loss of /sup 132/Xe-ions in thin foils' <i>Nucl.Instrum.Methods Phys.Res. B267, 3403 (2009)</i> <i>Comment : S. Xe (0.1-5 MeV/u) -> C, Al, Ni, Ag, Lu, Au, Pb, Th</i>	2009-Trza 3196
2010	Barbui, M. Fabris, D. Lunardon, M. Moretto, S. Nebbia, G. 'Energy loss of energetic /sup 40/Ar, /sup 84/Kr, /sup 197/Au and /sup 238/U ions in mylar, aluminum and isobutane' <i>Nucl.Instrum.Methods Phys.Res. B268, 20 (2010)</i> <i>Comment : S. Ar, Kr, Au, U -> Al, Mylar, Butane at many energies</i>	2010-Barb 3152
2010	Damache, S. Moussa, D. Ouichaoui, S. 'Stopping of ~0.2-3.4MeV/amu /sup 1/H/sup +/- and /sup 4/He/sup +/- ions in polyvinyl formal' <i>Nucl. Instrum. Methods B 268, 1759 (2010)</i> <i>Comment : S. H, He (0.2-3.4 MeV/u) -> polyvinyl formal (formvar)</i>	2010-Dama 3162