Stopping for Ion : H , Target = Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1941	Brunings, J. H. Knipp, J. K. Teller, E. **'On the Momentum Loss of Heavy Ions'** ***Phys. Rev., 60, 657-660 (1941)*** *Comment : Theory. Heavy ion charge state vs. velocity.*	**1941-Brun** 1949
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
1949	Huus, T. Madsen, C. B. **'Proton Stopping Power of Gold'** ***Phys. Rev., 76, 323 (1949)*** *Comment : S. 364, 992 keV H -> Au*	**1949-Huus** 0071
1949	Teasdale, J. G. **'Stopping of Various Elements Relative to Aluminum for 12 MeV Protons** ***Univ. of Calif. at Los Angeles, Rpt.Np 1368, 1-16 (1949)*** *Comment : S. 12 MeV H -> Ni, Cu, Rh, Pd, Ag, Cd, In, Ta, Pt, Au, Th*	**1949-Teas** 0122
1949	Warshaw, S. D. **'The Stopping Power of Protons in Several Metals'** ***Phys. Rev., 76, 1759-65 (1949)*** *Comment : S. 50-400 keV H -> Be, Al, Cu, Ag, Au*	**1949-Wars** 0129
1951	Sachs, D. C. Richardson, J. R. **'The Absolute Energy Loss of 18 MeV Protons in Various Materials'** ***Phys. Rev., 83, 834-837 (1951)*** *Comment : S. H (18 MeV) -> Al, Ni, Cu, Rh, Ag, Cd, Sn, Ta, Au, Nylon. Mean ionization energies.*	**1951-Sach** 1748
1953	Kahn, D. **'The Energy Loss of Protons in Metallic Foils and Mica'** ***Phys. Rev., 90, 503-09 (1953)*** *Comment : S. 400-1350 keV H -> Be, Al, Cu, Au, Mica*	**1953-Kahn** 0076
1955	Green, D. W. Cooper, J. N. Harris, J. C. **'Stopping Cross Section of Metals for Protons of Energies from 400 to 1000 keV'** ***Phys. Rev., 98, 466-70 (1955)*** *Comment : S. 0.4-1.0 MeV H -> Mn, Cu, Ge, Sn, Se, Ag, Sb, Au, Pb, Bi*	**1955-Gree** 0059
1955	Sonett, C. P. Mackenzie, K. R. **'Relative Stopping Power of Various Metals for 20 MeV Protons'** ***Phys. Rev., 100, 734-32 (1955)*** *Comment : S. 20.6 MeV H -> Ni, Cu, Nb, Pd, Ag, Cd, In, Ta, Pt, Au, Th, Rel. To Al.*	**1955-Sone** 0116

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1956	Bader, M. Pixley, R. E. Moser, F. J. Whaling, W. **'Stopping Cross Sections of Solids for Protons, 50-600 keV'** ***Phys. Rev., 103, 32-38 (1956)*** *Comment : S. H (50 keV-2.6 MeV) -> Cu, Au, Pb, LiF, CaF2, Li, Be, Al, Mn, Ta, Ca, V, Cr, Fe, Co, Ni, Cu, Zn*	**1956-Bade** 0008
1957	Burkig, V. C. Mackenzie, K. R. **'Stopping Power of Some Metallic Elements for 19.8 MeV Protons'** ***Phys. Rev., 106, 848-51 (1957)*** *Comment : S. Rel. To Al. 19.8 MeV H -> Be, Ca, Ti, V, Fe, Ni, Cu, Zn, Nb, Mo, Rh, Pd, Ag, Cd, In, Sn, Ta, W, Ir, Pt, Au, Pb, Th*	**1957-Burk** 0149
1958	Stelson, P. H. McGowan, F. K. **'Coulomb Excitation of Medium Weight Even-Even Nuclei'** ***Phys. Rev., 110, 489 (1958)*** *Comment : S. H (0.8-5.0 MeV) -> Ag, Au*	**1958-Stel** 1946
1962	Gott, Yu. V. Telkovskiy, V. G. **'Energy Losses of Light Ions in Thin Metallic Foils'** ***Radioteknika I. Elek. (USSR), 7, 1956-61 (1962) [Engl. Trans:Rad. Eng. and Electron Phys., 7, 1813-19 (1962)]*** *Comment : S. 2-15 keV H, D, He -> Al, Ti, Cu, Ge, Ag, Sn, Au*	**1962-Gott** 0159
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'** ***Phys. Rev., 153, 338-42 (1967)*** *Comment : S. 4.5 - 12 MeV H, D -> Be, Al, Cu, Ag, Pt, Au*	**1967-Ande** 0280
1967	Andreen, C. J. Hines, R. L. **'Critical Angles for Channelling of 1 to 25 keV H+, D+ and He+ in Gold Crystals'** ***Phys. Rev., 159, 285-90 (1967)*** *Comment : S. 14-28 keV H, D, He -> Au, Au (Cryst.)*	**1967-Andr** 0290
1967	Gorodetzky, S. Chevallier, A. Pape, A. Sers, J. C. Bergdolt, A. M. **'Mesure Des Pouvoirs D'Arret De C, Ca, Au Et Ca Pours Des Protons D'Energie Comprise Entre Et 6 MeV.'** ***Nucl. Phys., A91, 133-44 (1967)*** *Comment : S. 0.4-6.0 MeV H -> C, Ca, Au, CaF2*	**1967-Goro** 0279
1967	Morita, K. Akimura, H. Suita, T. **'Stopping Cross-Sections of Metallic Films for Projectile of Low Energy Proton'** ***J. Phys. Soc. Jap., 22, 1503 (1967)*** *Comment : S. 7-35 keV H -> Be, Al, Cu, Ag, Au*	**1967-Mori** 0291

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1968	Chadderton, L. T. Anderson, M. G. **'Energy Structure in the Axial Channeling of 30 keV Protons through Gold'** ***Phys. Letters A, 27, 665-66 (1968)*** *Comment : S, dS. 30 keV H -> Au (Cryst.)*	**1968-Chad** 0600
1968	Morita, K. Akimura, H. Suita, T. **'Energy Loss of Low Energy Protons and Deuterons in Evaporated Metallic Films'** ***J. Phys. Soc. Jap., 25, 1525-32 (1968)*** *Comment : S, dS. 7-40 keV H, D -> Cu, 7-40 keV H -> Be, Al, Ag, Au*	**1968-Mori** 0399
1968	Morton, A. H. Aldcroft, D. A. Payne, M. F. **'Energy Loss by Low-Energy Protons in Gold'** ***Phys. Rev., 165, 415-19 (1968)*** *Comment : S. 10-50 keV H -> Au*	**1968-Mort** 0316
1969	Gibson, W. M. Rasmussen, J. B. Olesen, P. A. Andreen, C. J. **'Charged-Particle Energy Loss in Thin Gold Crystals'** ***Can. J. Phys., 46, 551-60 (1968) [Erratum, Can. J. Phys., 47, 1756 (1969)]*** *Comment : S, dS. 400 keV H, 800 keV He -> Au (Cryst.)*	**1969-Gibs** 0343
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
1970	Machlin, E. S. Petralia, S. Desalvo, A. Rosa, R. Zignani, F. **'Energy Loss of Protons Channeled through Very Thin Gold'** ***Phil. Mag., 22, 101-16 (1970)*** *Comment : S,dS. 92 keV H -> Au (Cryst.)*	**1970-Mach** 0413
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'** ***Bull. Inst. Chem. Res. Kyoto Univ., 49, 390-402 (1971)*** *Comment : S. 7.2 MeV H, 14.4 MeV D -> Al, Ni, Cu, Rh, Ag, Pt, Au*	**1971-Ishi** 0435
1971	VanWijngaarden, A. Miremadi, B. Baylis, W. E. **'Energy Spectra of keV Backscattered Protons as a Probe for Surface Region Studies'** ***Can. J. Phys., 49, 2440-48 (1971)*** *Comment : S. 20-100 keV H, He -> Au*	**1971-VanW** 0433
1972	Cano, G. L. **'Penetration of Low-Energy Protons through Thin Films'** ***J. Appl. Phys., 43, 1504-07 (1972)*** *Comment : S. 10-30 keV H -> Er2O3, Sc2O3, Au*	**1972-Cano** 0491

Stopping for Ion : H , Target = Au

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1972	Valenzuela, A. Meckbach, W. Kestelman, A. J. Eckardt, J. C. **'Stopping Power of Some Pure Metals for 25-250-keV Hydrogen Ions'** ***Phys. Rev. B, 6, 95-102 (1972)*** *Comment : S Rel. to 250 keV H. 25-250 keV H -> Ni, Cu, Ag, Sn, Au.*	**1972-Vale** 0478
1973	Sorensen, H. Andersen, H. H. **'Stopping Power of Al, Cu, Ag, Au, Pb and U for 5-18-MeV Protons and Deuterons'** ***Phys. Rev. B, 8, 1854-63 (1973)*** *Comment : S. 5-18 MeV H, D -> Al, Cu, Ag, Au, Pb, U*	**1973-Sore** 0499
1974	Brandt, W. Ratkowski, A. Ritchie, R. H. **'Energy Loss of Swift Proton Clusters in Solids'** ***Phys. Rev. Letters, 33, 1325-28 (1974)*** *Comment : S Rel. To H+ 60-300 keV H+, 75, 150 keV H2+, 60-100 keV H3+ -> C, Au*	**1974-Bran** 0670
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'** ***Bull. Inst. Chem. Res. Kyoto Univ., 52, 19-39 (1974)*** *Comment : S. 7.2 MeV H -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au*	**1974-Ishi2** 0443
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'** ***Phys. Letters, 48A, 96-98 (1974)*** *Comment : S. H (7.2 MeV) -> Al, Ti, Fe, Cu, Mo, Ag, Sn, Ta, Au*	**1974-Ishi3** 1673
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'** ***Phys. Rev. Letters, 34, 1420-4 (1975)*** *Comment : S, dS. Molecular Hydrogen Beams (1.6- 4 MeV) -> Au, C, Al, Al2O3*	**1975-Gemm** 1265
1975	Nomura, A. Kiyono, S. **'Stopping Power of Copper, Silver and Gold for Protons and Helium Ions of Low Energy'** ***J. Phys. D: Appl. Phys., 8, 1551-59 (1975)*** *Comment : S. 4-16 keV H, He -> Cu, Ag, Au*	**1975-Nomu** 0752
1976	Forster, J. S. Ward, D. Andrews, H. R. Ball, G. C. Costa, G. J. **'Stopping Power Measurements for 19F, 24Mg, 27Al, 32S and 35Cl at Energies 0.2 to 3.5 MeV/Nucleon in Ti, Fe, Ni, Cu, Ag and Au.'** ***Nucl. Inst. Methods, 136, 349-59 (1976).*** *Comment : S. 2.2 MeV H, 0.2-3.5 MeV/amu F, Mg, Al, S, Cl -> Ti, Fe, Ni, Cu, Ag, Au*	**1976-Fors** 0821

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1976	Thieme, G. **'Bestimmung Des Elektronischen Energieverlustes von H+-, He+ - und N+ -Ionen in Gold Durch Vergleich von Messergebnissen Mit Monte-Carlo-Rechnungen'** ***Vakuum-Technik, 25, 5-12 (1976)*** *Comment : S. 40-110 keV H, He, N -> Au*	**1976-Thie** 0822
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
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	Ishiwari, R. Shiomi, N. Shirai, S. **'Stopping Powers for Protons in 16 Metallic Elements'** ***Bull. Inst. Chem. Res. Kyoto Univ., 55, 60-61 (1977)*** *Comment : S. (3-9 MeV) H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1977-Ishi** 1102
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
1978	Semrad, D. Bauer, P. **'Stopping Cross Sections for Protons of 350-650 keV in Au, by a New Method'** ***Nucl. Inst. Methods, 149, 159-161 (1978)*** *Comment : S. 350-650 keV H -> Au*	**1978-Semr** 1115
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.'** ***Phys. Letters, 75A, 112-114 (1979)*** *Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1979-Ishi2** 1349

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1979	Luomajarvi, M. **'Stopping Powers of Some Metals for 0.3-1.5 MeV Protons.'** ***Rad. Effects, 40, 173-179 (1979)*** *Comment : S. 0.3-1.5 MeV H -> Al, Ti, Ni, Cu, Zn, Mo, Ag, Ta, W, Au*	**1979-Luom** 1205
1979	Varelas, C. **'Stopping Powers of Helium and Deuterium in Gold and Carbon'** ***Preprint (1979) 13*** *Comment : S. 30-220 keV 2H, He -> Au, C*	**1979-Vare** 1256
1980	Bednyakov, A. A. Bulgakov, Y. V. Nikolaev, V. S. Chernov, V. L. **'Energy Losses and their Straggling for H and He Ions with Energies of Several Hundreds of keV on Passage through Metal and Polystyrenen Films'** ***Sov. Phys., JETP 51, 954 (1980)*** *Comment : S, dS. H, He (120-1300 keV) -> Al, Cu, Ag, Au, polystyrene*	**1980-Bedn** 1615
1980	Blume, R. Eckstein, W. Verbeek, H. **'Electronic Energy Loss of H, D, and He in Au Below 20 keV'** ***Nucl. Inst. Methods, 168, 57-62 (1980)*** *Comment : S. 2-20 keV H, D, He -> Au*	**1980-Blum** 1127
1980	Reid, I. Scanlon, P. J. **'High Stopping Power of Thin Gold Films'** ***Nucl. Inst. Methods, 170, 211 (1980)*** *Comment : S. 140-1000 keV/amu H, 32-500 keV/amu He -> Au*	**1980-Reid** 1254
1980	Thompson, D. A. Poehlman, W. F. S. **'Stopping Powers and Backscattering Charge Fractions for 20-150 keV H+ and He+ on Gold'** ***Nucl. Inst. Methods, 168, 63-69 (1980)*** *Comment : S, dA. 20-150 keV H, He -> Au*	**1980-Thom** 1310
1981	Andersen, H. H. Nielsen, B. R. **'The Stopping Power of Gold in the Bethe Region'** ***Nucl. Inst. Methods, 191, 475 (1981)*** *Comment : S. H, D (0.8-3.8 MeV) -> aU*	**1981-Ande** 1597
1981	Pearce, J. D. Hart, R. R. **'Stopping Power Measurements in the 20-150 keV Region using Thick Target Backscattering: H and He on C, Si and Au'** ***J. Appl. Phys., 52, 5056 (1981)*** *Comment : S. H, He (20-150 keV) -> C, Si, Au*	**1981-Pear** 1736
1981	Santry, D. C. Werner, R. D. **'Stopping Powers of C, Al, Si, Ti, Ni, Ag and Au for Deuterons'** ***Nucl. Inst. Methods, 188, 211 (1981)*** *Comment : S. D (0.2-2.0 MeV) -> C, Al, Si, Ti, Ni, Ag, Au*	**1981-Sant** 1756

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1981	Thompson, D. A. Poehlman, W. B. S. Presunka, P. Davies, J. A. **'Stopping Powers for 20-140 keV H and He on Ni, Ag and Au'** ***Nucl. Inst. Methods, 191, 469 (1981)*** *Comment : S. H, He (20-140 keV) -> Ni, Ag, Au*	**1981-Thom** 1778
1982	Blume, R. Eckstein, W. Verbeek, H. Reichelt, K. **'Electronic Energy Loss of H. D. and He in Single Crystal Gold Films in the Energy Range below 15 keV'** ***Nucl. Inst. Methods, 194, 67 (1982)*** *Comment : S. H, D, He (0.6-15 keV) -> Ag (crystal)*	**1982-Blum** 1625
1982	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Stopping Powers of Metallic Elements for 6.75 MeV Protons'** ***Nucl. Inst. Methods, 194, 61-65 (1982)*** *Comment : S. 6.5- 7 MeV H -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1982-Ishi** 1675
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'** ***Phys. Rev. B, 26 (11), 6099-6103 (1982)*** *Comment : S. D, He (50-230 keV) -> C, Al, Cs, Au*	**1982-Kreu** 1416
1982	Mertens, P. Krist, Th. **'Stopping Ratios of 50 - 300 keV Light Ions in Metals'** ***Nucl. Inst. Methods, 194, 57 (1982)*** *Comment : S. 50-300 keV H, He, Li, Be -> C, Al, Cu, Ag, Au*	**1982-Mert** 1133
1983	Alberts, H. W. Malherbe, J. B. **'Energy Loss and Straggling of p, d, and Alpha Particles in Au in the Energy Region 0.2-2.4 MeV'** ***Rad. Effects, 69, 231 (1983)*** *Comment : S., dS. H, D, He (0.2-2.4 MeV) -> Au*	**1983-Albe** 1593
1983	Aumayr, F. Bauer, P. Semrad, D. **'Accuracy of Stopping Cross Section Determination from RBS Spectray by Warters' Method'** ***Nucl. Inst. Methods, 212, 529 (1983)*** *Comment : S. H (60-1000 keV) -> Al, Cu, Ag, Au,*	**1983-Auma** 1600
1983	Krist, Th. Mertens, P. **'Proton Energies at the Maximum of the Electronic Stopping Cross Section in Materials with 57 <Z2<83'** ***Nucl. Inst. Methods, 218, 790-794 (1983)*** *Comment : S. H (30-350 keV) -> La, Nd, Tb, Dy, Lu, Ta, Re, Ir, Pt, Au, Bi*	**1983-Kris2** 1440

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1984	Bauer, P. Semrad, D. Golser, R. **'Investigation of Hydrogen Stopping in Noble Metals around the Stopping Power Maximum'** ***Nucl. Inst. Methods, B2, 149 (1984)*** *Comment : S. H, D (50-500 keV/amu) -> Cu, Ag, Au*	**1984-Baue2** 1610
1984	Ishiwari, R. Shiomi, N. Sakamoto, N. **'Stopping Power of Au for Protons from 3-8 MeV'** ***Nucl. Inst. Methods, B2, 141 (1984)*** *Comment : S. H (3-8 MeV) -> Au*	**1984-Ishi** 1677
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	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'** ***Rad. Effects, 81, 221-229 (1984)*** *Comment : S, dS. H (8-300 keV) -> C, Al, Au*	**1984-Shch** 1426
1984	Sirotinin, E. I. Tulinov, A. F. Khodyrev, V. A. Mizgulin, V. N. **'Proton Energy Loss in Solids'** ***Nucl. Inst. Methods, B4, 337 (1984) -1*** *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*	**1984-Siro** 1770
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'** ***Nucl. Inst. Methods, B12, 90-94 (1985)*** *Comment : S. H (8-300 keV) -> C, Al, Au*	**1985-Schu** 1433
1986	Bednyakov, A. A.. Chumanov, V. Y. Chumanova, O. V. Iferov, G. A. Khodyrev, V. A. **'Dependence of Energy Loss of light Ions in Au on Scattering Angle and Target Thickness in the Energy Interval 25-500 keV/amu'** ***Nucl. Inst. Methods, B13, 146 (1986)*** *Comment : S. H, He (40-500 keV) -> Au (angular dependence, target thickness)*	**1986-Bedn** 1616
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'** ***Nucl. Inst. Methods, B15, 91-95 (1986)*** *Comment : S. H, D (30-600 keV) -> Al, Ni, Cu, Ag, Au*	**1986-Mert2** 1434

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1986	Semrad, D. Mertens, P. Bauer, P. **'Reference Proton Stopping Cross Sections for Five Elements around the Maximum'** ***Nucl. Inst. Methods, B15, 86-90 (1986)*** *Comment : S. H (30-700 keV) -> Al, Ni, Cu, Ag, Au*	**1986-Semr3** 1474
1986	Shiomi, N. Sakamoto, N. Shima, K. Ishihara, T. Michikawa, K. **'Stopping Powers of Au for Protons from 7-20 MeV'** ***Nucl. Inst. Methods, B13, 107 (1986)*** *Comment : S. H (7-20 MeV) -> Au (mean ionization energy)*	**1986-Shio** 1766
1987	Bauer, P. **'How to Measure Absolute Stopping Cross Sections by Backscattering and by Transmission Methods'** ***Nucl. Inst. Methods, B27, 301-314 (1987)*** *Comment : S. H, D (30-600 keV) -> Al, Ni, Ag, Au (review of technique)*	**1987-Baue** 1484
1987	Semrad, D. Golser, R. **'Investigation of the Ratio of Proton Stopping Cross-Sections in Ag and Au'** ***Phys. Rev. A, 35, 4836-4838 (1987)*** *Comment : S. H (70-500 keV) -> Ag, Au*	**1987-Semr** 1456
1987	Semrad, D. Ramaseder, N. Palmetshofer, L. Bauer, P. **'Measurement of the Electronic Stopping Power of Gold for Protons in a Large Solid Angle Transmission Geometry'** ***Rad. Effects, 104, 67-79 (1987)*** *Comment : S. H (35-500 keV) -> Au*	**1987-Semr2** 1441
1988	Balashova, L. A. Chumanov, V. Y. Chumanova, G. A. Iferov, A. F. Tulinov, A. F. **'Analysis of the Angular Dependence of Proton Energy Loss in Thin Films'** ***Nucl. Inst. Methods, B33, 168-169 (1988)*** *Comment : S. H(100-400 keV) -> Au Angular dependence of stopping.*	**1988-Bala2** 1427
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'** ***Nucl. Inst. Methods, B31, 503 (1988)*** *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)*	**1988-Ishi2** 1682
1988	Ogino, K. Kiyosawa, T. Kiuchi, T. **'Stopping Powers for MeV Tritons in Solids'** ***Nucl. Inst. Methods, B33, 155-157 (1988)*** *Comment : S. T(2.3-5.4 MeV) -> Al, Ti, Ni, Nb, Ag, Sn, Au*	**1988-Ogin** 1404

Stopping for Ion : H , Target = Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1990	Bauer, P. **'Stopping Power of Light Ions near the Maximum'** ***Nucl. Inst. Methods, B45, 673 (1990)*** *Comment : S. H, H- (30-700 keV) -> C, Al, Si, Ni, Cu, Ag, Au, SiO2, HC2, Al2O3*	**1990-Baue** 1608
1990	Ishiwari, R. Shiomi-Tsuda, N. Sakamoto, N. Ogawa, H. **'Geometrical Effect on the Measurement of Stopping Power: Angle Dependent Energy Loss of 5 MeV Protons in Au'** ***Nucl. Inst. Methods, B48, 65-68 (1990)*** *Comment : S, dS. H (5 MeV) -> Au Angular dependence of stopping.*	**1990-Ishi** 1192
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	Medenwaldt, R. Moller, S. P. Uggerhoj, E. Worn, T. Hvelplund, P. **'Measurement of the Antiproton Stopping Power of Gold- The Barkas Effect'** ***Phys. Letters, 155A, 155 (1991)*** *Comment : S. H- (0.2-3.0 MeV) -> Au (Antiporoton stopping power)*	**1991-Mede2** 1717
1991	Sakamoto, N. Ogawa, H. Mannami, M. Kimura, K. Susuki, Y. **'Stopping Powers of Metallic Elements for High Energy Ions'** ***Rad. Effects, 117, 193-195 (1991)*** *Comment : S. H (55-73MeV), He (13 MeV/amu), C (13 MeV/amu) -> Al, Ti, Mo, Sn, Ta, Au, Pb, Cu, Ag, Pt*	**1991-Saka** 1753
1992	Eppacher, Ch. Semrad, D. **'Dependence of Proton and Helium Energy Loss in Solids upon Plasma Properties'** ***Nucl. Inst. Methods, B69, 33-38 (1992)*** *Comment : S. H, He (20-250 keV/amu) -> Au, Cr, Ag, Al, Ge, Sn, Pb*	**1992-Eppa2** 2161
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'** ***Nucl. Inst. Methods, B73, 313-318 (1993)*** *Comment : S. H(<10 keV) -> Al, Ag, Au, Bi*	**1993-Vald** 1874

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
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'** ***Nucl. Inst. Methods, B90, 64-66 (1994)*** *Comment : S. H, He (0.5-4.8 MeV) -> Al, Cu, Ag, Au Electron emission effects.*	**1994-Benk** 2045
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'** ***Nucl. Inst. Methods, B93, 391-398 (1994)*** *Comment : S. D (13 MeV) -> Be, Al, Ti, V, Fe, Co, Ni, Cu, Zn, Mo, Rh, Ag, Sn, Ta, Pt, Au*	**1994-Shio** 2051
1995	Shevchenko, V. A. **'Stopping Power Measurements of Low Energy Protons using Backscattering on the Target'** ***Metall-Novei.-Tekh., 17, 27-29 (1995) Translated in "Physics of Metals"*** *Comment : S. H (80-240 keV) -> Si, Cd, Fe, Au, YBaCuO*	**1995-Shev** 2378
1996	Kulikauskas, V. S. Chumanov, V. Y. Chumanova, O. V. Iferov, G. A. Kulikauskas, V. S. **'The Dependence of the Energy Losses of Molecular Ions and their Fragments on the Exit Angle from a Thin Target'** ***Nucl. Inst. Methods, B115, 168-172 (1996)*** *Comment : S. H, OH (50-200 keV) -> Au (angular effects)*	**1996-Kuli** 2060
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'** ***Phys. Rev. A, 54, 3131-3138 (1996)*** *Comment : S. H, He (1-200 keV) -> Al, Zn and Au*	**1996-Mart** 1267
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'** ***Phys. Rev. A, 56, 2930-2939 (1997)*** *Comment : S. H- (50 - 700 keV) -> Al,Si,Ti,Cu,Ag,Ta,Pt,Au*	**1997-Moll** 2364
1997	Muller, S. P. Uggerhoj, E. Bluhme, H. Knudsen, H. Mikkelsen, U. **'Measurement of the Barkas Effect Around the Stopping Power Maximum for Light and Heavy Targets'** ***Nucl. Inst. Methods, B122, 162-166 (1997)*** *Comment : S. H- (50-700 keV) -> Si, Au*	**1997-Mull** 2026
2002	Trzaska, W. H. Lyapin, V. Alanko, T. Mutterer, M. Raisanen, J. **'New Approach to Energy Loss Measurements'** ***Nucl. Inst. Methods, B195, 147-165 (2002)*** *Comment : S. Ar, Si, O, He, H -> Au, Ni, C, Havar*	**2002-Trza** 3140

Stopping for Ion : H , Target = Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2006	Chenakin, S. P. Markin, S. N. Steinbauer, E. Draxler, M. Bauer, P. **'Electronic Stopping of Hydrogen Ions Deduced from TOF-LEIS Spectra'** ***Nucl. Inst. Methods, B,249, 58-61 (2006)*** *Comment : S. H, D, T -> Au*	**2006-Chen** 3119
2007	Figueroa, E.A. E.D.Cantero J.C.Eckardt G.H.Lantschner **'Threshold effect in the energy loss of slow protons and deuterons channeled in Au crystals'** ***Phys. Rev. A 75, 010901 (R) (2007)*** *Comment : Channeling measurements*	**2007-Figu** 3163
2007	Markin, S. **'S.Markin, Dissertation, Univ. of Linz'** ***Dissertation, Univ. of Linz (2007)*** *Comment : S. H (0.16-9.8 keV) -> Au*	**2007-Mark** 3174
2008	Markin, S.N. Primetshofer, D. Prusa, S. Brunmayr, M. Kowarik, G. **'Electronic interaction of very slow light ions in Au: electronic stopping and electron emission '** ***Phys. Rev. B78, 195122 (2008)*** *Comment : S. H (0.5-9.8 keV), D (0.32-9.8 keV) ->Au*	**2008-Mark** 3175