

Citations for : **Gas/Solid Targets** Ion = **H**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1949	Clarke, R. L. Bartholomew, G. A. 'Proton Range-Energy Relation' <i>Phys. Rev.</i> , 76, 146-47 (1949) <i>Comment</i> : R. 142, 194 keV H -> D2 + D2O	1949-Clar
1952	Wenzel, W. A. Whaling, W. 'The Stopping Cross Section of D2O Ice' <i>Phys. Rev.</i> , 87, 499-503 (1952) <i>Comment</i> : S. 18-540 keV H -> D2O (Ice)	1952-Wenz
1963	Meckbach, W. Allison, S. K. 'Ratio of Effective Charge of He Beams Traversing Gaseous Metallic Conductors' <i>Phys. Rev.</i> , 132, 294-304 (1963) <i>Comment</i> : S. 148-920 keV He, 37-230 keV H -> Cd (Gas. And Sol. Phase)	1963-Meck
1980	Haque, A. K. M. M. Nikjoo, H. Mohammadi, A. 'The Stopping Power and Stragglng of Energy Loss for Alpha Particles in Liquids and Their Vapours and for Protons in Thin Polymer Films' <i>Proc. 7th Sym. Microdosimetry, EurAtom Rpt. 7147, 179-190 (1980)</i> <i>Comment</i> : S,R. H (340 keV) -> Polyethylene, CH2. Liquid and gas stopping. Difficult paper to understand.	1980-Haqu
1982	Borgesen, P. Chen, H. M. Sorensen, H. 'Stopping of 1-2 keV/amu Hydrogen Ions in Solid Nitrogen' <i>Nucl. Inst. Methods, 194, 71-74 (1982)</i> <i>Comment</i> : S. H, D, T, (1-2 keV/amu) -> N	1982-Borg
1982	Borgesen, P. Sorensen, H. 'Stopping of keV Light Ions in Solid Hydrogen' <i>Nucl. Inst. Methods, 200, 571-581 (1982)</i> <i>Comment</i> : S. H, D (2-10 keV) -> H2, D2 (solids)	1982-Borg2
1984	Schou, J. Sorensen, H. Andersen, H. H. Nielsen, M. Rune, J. 'Range Measurements of keV Hydrogen Ions in Solid Oxygen and Carbon Monoxide' <i>Nucl. Inst. Methods, B2, 159-163 (1984)</i> <i>Comment</i> : R. H, D (1.3-3.5 keV/amu) -> H2, CO (solids)	1984-Scho
1984	Wilson, W. E. Miller, J. H. Toburen, L. H. Manson, S. T. 'Differential Cross Sections for Ionization of Methane, Ammonia and Water Bapor by High Velocity Ions' <i>J. Chem. Phys.</i> , 80, 5631 (1984) <i>Comment</i> : S. H (3-4.2 MeV) -> H2O, Ammonia, Methane	1984-Wils2
1985	Borgesen, P. 'Measurements of the Stopping Power for keV Light Ions in Condensed Molecular Gases' <i>Nucl. Inst. Methods, B12, 73-79 (1985)</i> <i>Comment</i> : S. H, D (1-10 keV) -> H, D, N, O, CO (solids and gases)	1985-Borg

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1985	Haque, A. K. M. M. Mohammadi, A. Nikjoo, H. 'Study of the Stopping Power and Straggling for Alpha Particles and Protons in Organic Solids, Liquids and Gases' <i>Rad. Prot. Dosimetry, 13, 71-74 (1985)</i> <i>Comment : S, dS. H, He (.1-5.5 MeV) -> H2O, methanol, ethanol, propanol, styrene, and polymers. Targets measured in Solid/Liquid/Gas phases.</i>	1985-Haqu
1989	Haque, A. K. M. M. Mohammadi, A. Nikjoo, H. 'Stopping Power for Low Energy Protons' <i>J. Phys. D, 22, 1196-1204 (1989)</i> <i>Comment : S, dS. H (20-400 keV) -> Hydrocarbons such as ethylene, propylene, styrene, etc. Solid vs. Gas phase effects + straggling</i>	1989-Haqu
1990	Mitterschiffthaler, C. Bauer, P. 'Stopping Cross Section of Water Vapor for Hydrogen Ions' <i>Nucl. Inst. Methods, B48, 58 (1990)</i> <i>Comment : S. H (25-350 keV/amu) -> H2O</i>	1990-Mitt
1993	Hiraoka, T. Kawashima, K. Hoshino, K. Fukumura, A. Bichsel, H. 'Energy Loss of 70 MeV Protons in Organic Polymers' <i>Med. Phys., 20, 135-141 (1993)</i> <i>Comment : S. H (70 MeV) -> H2O, A-150 Tissue plastic</i>	1993-Hira
1994	Arnau, A. Bauer, P. Kastner, F. Salin, A. Echenique, P. M. 'Phase Effect in the Energy Loss of Hydrogen Projectiles in Zinc Targets' <i>Phys. Rev. B, 6470-6480 (1994)</i> <i>Comment : S. H (20-800 keV) -> Zn. Solid/vapor effects on stopping.</i>	1994-Arna
1994	Bauer, P. Kaferbock, W. Necas, V. 'Investigation of the Electronic Energy Loss of Hydrogen Ions in H2O: Influence of the State of Aggregation' <i>Nucl. Inst. Methods, B93, 132-136 (1994)</i> <i>Comment : S. H -> H2O (Gas, Solid)</i>	1994-Baue