

Citations for Ion = **H** , Target = **Air**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1930	Gerthsen, Chr. 'Uber Ionisation und Reichweite von H-Kanalstrahlen in Luft und Wasserstoff' <i>Ann. Physik, 5, 657-669 (1930)</i> <i>Comment : R. 20-64 keV H -> Air, H2</i>	1930-Gert 0053
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
1944	Gray, L. H. 'The Ionization Method of Measuring Neutron Energy' <i>Proc. Comb. Phil. Soc., 40, 72-102 (1944)</i> <i>Comment : S. H, He (.25 -8 MeV) -> He, N, O, Ne, Ar, Air. Early paper on stopping and ionization effects of charged particles.</i>	1944-Gray 1578
1949	Wyly, L. D. Sailor, V. L. Ott, D. G. 'Protons from the Bombardment of He3 by Deuterons' <i>Phys. Rev., 76, 1532-33 (1949)</i> <i>Comment : R. 16-20.5 MeV H -> Air</i>	1949-Wyly 0137
1952	Evans, G. E. Barnett, C. F. Stier, P. M. DeRito, V. L. 'Extrapolated Ionization Ranges of Ions Heavier Than Protons' <i>ORNL-1278, 17-21 (1952)</i> <i>Comment : R. (50-300 keV) H, He, N, Ne, Ar -> He, N2, Ar, Air</i>	1952-Evan 0057
1953	Burcham, M. 'The Range Energy Relations for Protons of Intermediate Energy in Air' <i>Phil. Mag., 44, 211-13 (1953)</i> <i>Comment : R. 1-12 MeV H -> Air</i>	1953-Burc 0028
1953	Cook, C. J. Jones, E. Jr. Jorgensen, . 'Range-Energy Relations of 10- to 250-keV Protons and Helium Ions in Various Gases' <i>Phys. Rev., 91, 1417-22 (1953)</i> <i>Comment : R. (4-250 keV) H, He -> H2, Ar, Air, N2, CO, CH4, O2. Ionization Ranges.</i>	1953-Cook 0762
1953	Reynolds, H. K. Dunbar, D. N. F. Wenzel, W. A. Whaling, W. 'The Stopping Cross Section of Gases for Protons, 30-600 keV' <i>Phys. Rev., 92, 742-48 (1953)</i> <i>Comment : S. 30-600 keV H -> H2, He, O2, Air, N2, Ne, Ar, Kr, Xe, Hydrocarbons.</i>	1953-Reyn 0103
1953	Weyl, P. K. 'The Energy Loss of Hydrogen, Helium, Nitrogen and Neon Ions in Gases' <i>Phys. Rev., 91, 289-96 (1953)</i> <i>Comment : S. 150-450 keV H, D, He, N, Ne -> H2, He, Air, Ar</i>	1953-Weyl 0131

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1955	Brolley, J. E. Ribe, F. L. 'Energy Loss by 8.86 MeV Deuterons and 4.43 MeV Protons.' <i>Phys. Rev., 98, 1112-14 (1955)</i> <i>Comment : S. 4.43 MeV H -> H2, Air, Kr. 8.86 MeV D -> H2, He, N2, O2, Ne, Ar, Kr, Xe</i>	<table border="1"> <tr><td style="text-align: center;">1955-Brol</td></tr> <tr><td style="text-align: center;">0026</td></tr> </table>	1955-Brol	0026
1955-Brol				
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1963	Park, J. T. Zimmermann, E. J. 'Stopping Cross Section of Some Hydrocarbon Gases for 40-250 keV Protons and Helium Ions' <i>Phys. Rev., 131, 1611-18 (1963)</i> <i>Comment : S. 40-250 keV H -> Air, He, Various Hydrocarbons</i>	<table border="1"> <tr><td style="text-align: center;">1963-Park</td></tr> <tr><td style="text-align: center;">0175</td></tr> </table>	1963-Park	0175
1963-Park				
0175				
1968	Hvelplund, P. 'Prisopgave' <i>Aarhus University P. 1-105 (In Danish) (1968)</i> <i>Comment : S, dS. Many Ions (H-Hg) at 50-500 keV -> H, He, Ne, Ar, Kr, Xe, Air</i>	<table border="1"> <tr><td style="text-align: center;">1968-Hvel</td></tr> <tr><td style="text-align: center;">0406</td></tr> </table>	1968-Hvel	0406
1968-Hvel				
0406				
1970	Swint, J. B. Prior, R. M. Ramirez, J. J. 'Energy Loss of Protons in Gases' <i>Nucl. Inst. Methods, 80, 134-40 (1970)</i> <i>Comment : S. 0.4-3.4 MeV H -> N2, Air, O2, Ne, Ar, Kr, CH4, CO2</i>	<table border="1"> <tr><td style="text-align: center;">1970-Swin</td></tr> <tr><td style="text-align: center;">0403</td></tr> </table>	1970-Swin	0403
1970-Swin				
0403				
1971	Bonderup, E. Hvelplund, P. 'Stopping Power and Energy Straggling of Swift Protons' <i>Phys. Rev. A, 4, 562-69 (1971)</i> <i>Comment : S,dS. 100-500 keV H -> H2, He, Air, Ne, Ar, Kr</i>	<table border="1"> <tr><td style="text-align: center;">1971-Bond</td></tr> <tr><td style="text-align: center;">0429</td></tr> </table>	1971-Bond	0429
1971-Bond				
0429				
1971	Langley, R. A. 'Range-Energy Relations for Helium Ions and Protons in Ar, N2, O2, and Air (0.2 - 2.0 MeV).' <i>Phys. Rev. A, 4, 1868-72 (1971)</i> <i>Comment : R. 0.2-2.0 MeV H, He -> N2, O2, Ar, Air. Ranges Deduced From Ionization.</i>	<table border="1"> <tr><td style="text-align: center;">1971-Lang</td></tr> <tr><td style="text-align: center;">0457</td></tr> </table>	1971-Lang	0457
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