

Citations for Target : **Xe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1924	Bates, L. F. 'On the Range of Alpha-Particles in Rare Gases' <i>Proc. Roy. Soc., A106, 622-632 (1924)</i> <i>Comment : R. 6.1-MeV He -> He, Ne, O2, Ar, Kr, Xe</i>	1924-Bate 0010
1925	Gurney, R. W. 'The Stopping-Power of Gases for Alpha-Particles of Different Velocities' <i>Proc. Roy. Soc., A107, 340-349 (1925)</i> <i>Comment : S. 5.3, 6.1 MeV He -> H2, He, O2, Ne, Ar, Kr, Xe Rel. To Air</i>	1925-Gurn 0061
1934	Naidu, R. 'Sur Les Courbes D'Ionisation Des Rayons Alpha Du Polonium Dans Les Gaz Rares' <i>J. Phys. Radium, 5, 575-77 (1934)</i> <i>Comment : S. 3-7 MeV He -> He, Ne, Ar, Kr, Xe. All Rel. To Air</i>	1934-Naid 0093
1934	Naidu, R. 'Courbes D'Ionisation Dans Les Krypton Et Le Xenon Purs Relatives Aux Rayons Alpha Du Polonium' <i>J. Phys. Radium, 5, 343-46 (1934)</i> <i>Comment : R. 5.3 MeV He -> Kr, Xe</i>	1934-Naid2 0511
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
1954	Chilton, A. B. Cooper, J. N. Harris, J. C. 'The Stopping Power of Various Elements for Protons of Energies from 400 to 1050 keV' <i>Phys. Rev., 93, 413-18 (1954)</i> <i>Comment : S. 400-1050 keV H -> N2, Ne, Ar, Kr, Xe, Ni, Cu</i>	1954-Chil 0032
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>	1955-Brol 0026
1955	Riezler, U. Rudloff, A. 'Ionisation und Energieverlust von Alpha-Teilchen in Verschiedenen Gasen' <i>Ann. Physik, 18, 224-245 (1955)</i> <i>Comment : R. S Rel. To Air. 5.3 MeV He -> He, Ne, Ar, Kr, Xe, H2, N2, O2, NH3, CO, CO2, NO, N2O, CH4, C2H6, C3H8, C4H10</i>	1955-Riez 0567

Citations for Target : **Xe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1959	Rousset, A. Lagarrique, A. Musset, P. Rancon, P. Santeron, X. 'Relativistic Increase of Ionization in Xenon' <i>Nuovo Cimento, 14, 365-75 (1959)</i> <i>Comment : S. 0.5-50 GeV/c Mu -> Xe, Xe + He Rel. To Min.</i>	1959-Rous 0120
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	Gilat, J. Alexander, J. M. 'Stopping of Dysprosium Ions in Gases and Al' <i>Phys. Rev. B, 136, 1298-1305 (1964)</i> <i>Comment : R. 6-21 MeV Dy -> He, N2, Ne, Ar, Kr, Xe</i>	1964-Gila 0185
1966	Mason, D. L. Prior, R. M. Quinton, A. R. 'The Energy Straggling of 1 MeV Protons in Gases' <i>Nucl. Inst. Methods, 45, 41-44 (1966)</i> <i>Comment : dS. 1 MeV H -> H, He, N, O, Ar, Xe</i>	1966-Maso 0282
1968	Cano, G. L. 'Total Ionization and Range of Low-Energy Recoil Particles in Pure and Binary Gases' <i>Phys. Rev., 169, 277-79 (1968)</i> <i>Comment : R. 103 keV 206Pb -> Ne, Ar, Xe, N2, Air, Hydrocarbons</i>	1968-Cano 0331
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>	1968-Hvel 0406
1969	Ramirez, J. J. Prior, R. M. Swint, J. B. Quinton, A. R. Blue, R. A. 'Energy Straggling of Alpha Particles through Gases' <i>Phys. Rev., 179, 310-14 (1969)</i> <i>Comment : S, dS. 1-3.5 MeV He -> He, Air, Ar, Kr, Xe</i>	1969-Rami 0388
1971	Chu, W. K. Powers, D. 'Energy Loss of Alpha Particles in Noble Gases from 0.3 - 2.0 MeV' <i>Phys. Rev. B, 4, 10-15 (1971)</i> <i>Comment : S. 0.3-2.0 MeV He -> He, Ne, Ar, Kr, Xe</i>	1971-Chu 0675
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

Citations for Target : **Xe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1971	Leon, J. Steiger-Shafir, N. H. 'Range and Range Stragglings of 97 keV 224Ra Particles in Gases' <i>Can. J. Phys.</i> , 49, 1004-17 (1971) <i>Comment</i> : R, dR. 97 keV 224Ra -> H2, He, N2, O2, Ne, Ar, Kr, Xe	1971-Leon 0446
1971	Pierson, W. R. Kummer, J. T. Brachuczek, W. 'Ranges of Recoil Atoms from the (n,gamma) Process' <i>Phys. Rev. B</i> , 4, 2846-53 (1971) <i>Comment</i> : R. About 50 eV Au -> D, He, Ne, Ar, Xe	1971-Pier 0458
1972	Huetter, G. T. Madey, R. Yushak, S. M. 'Fluctuations in the Energy Loss of 66- and 100-MeV Protons in a Thin Proportional Counter' <i>Phys. Rev. A</i> , 6, 250-55 (1972) <i>Comment</i> : dS. 66, 100 MeV H -> (0.9 Xe, 0.1 CH4)	1972-Huet 0467
1975	Sidenius, G. Andersen, N. 'Multiple Scattering of keV Ions' Lateral Distributions in Argon and Nitrogen' <i>Nucl. Inst. Methods</i> , 131, 387-389 (1975) <i>Comment</i> : dR (lateral). (50-180 keV) H, He, N, Ne, Ar -> Ar, N, Xe	1975-Side 1261
1977	Andersen, H. H. Besenbacher, F. Knudsen, H. 'Stopping Power and Stragglings of 65 - 500 keV Lithium Ions in H2, He, CO2, N2, O2, Ne, Ar, Kr, and Xe' <i>Nucl. Inst. Methods</i> , (1977) -b <i>Comment</i> : S, dS. 65 - 500 keV Li -> H2, He, CO2, N2, O2, Ne, Ar, Kr, Xe	1977-Ande4 0930
1977	Besenbacher, F. 'Stopping Power and Stragglings for H and He Ions in Gas Targets' <i>Specialeopgave. Aarhus University</i> (1977) <i>Comment</i> : S. dS. 20-500 keV H, He -> H, He N, O, Ne, Ar, Kr, Xe, CO2	1977-Bese 0954
1978	Andersen, H. H. Besenbacher, F. Knudsen, H. 'Stopping Power and Stragglings of 65-500 keV Lithium Ions in H, He, CO, N, O, Ne, Ar, Kr and Xe' <i>Nucl. Inst. Methods</i> , 149, 121-127 (1978) <i>Comment</i> : S. Li (65-500 keV) -> H, He, CO2, N, O, Ne, Ar, Kr, Xe	1978-Ande 1492
1978	Hanke, C. C. Laursen, J. 'Stopping Cross Sections for Alpha Particles from 1.0 to 8.5 MeV in H2, He, N2, O2, Ne, Kr, and Xe.' <i>Nucl. Inst. Methods</i> , 151, 253-260 (1978) <i>Comment</i> : S. 1.0 - 8.5 MeV He -> H, He, N, O, Ne, Kr, Xe.	1978-Hank 1082

Citations for Target : **Xe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1979	Besenbacher, F. Andersen, H. H. Hvelplund, P. Knudsen, H. 'Stopping Power of Swift Hydrogen and Helium Ions in Gases' <i>Kgl. Danske Videnskab. Selskab Mat. Fys. Medd. 40, 1-39 (1979)</i> <i>Comment : S. 40 keV-1 MeV H And 100 keV-2.4 MeV He -> H2, He, N2, O2, CO2, Ne, Ar, Kr, Xe</i>	1979-Bese 1160
1979	Dennis, J. A. Powers, D. 'The Dependence of Stopping Power on Physical and Chemical States' <i>Preprint (1979) 8</i> <i>Comment : S. H, He -> Gases (Review Of Current Data)</i>	1979-Denn 1193
1980	Besenbacher, F. Andersen, J. U. Bonderup, E. 'Straggling in Energy Loss of Energetic Hydrogen and Helium Ions' <i>Nucl. Inst. Methods, 168, 1 (1980)</i> <i>Comment : R, dR. 0-600 keV H, He -> Ar, Ne, Kr, Xe, Ni, Au, Ag, Al</i>	1980-Bese 1353
1981	Fukuda, A. 'Stopping Powers in Rare Gases for 40-200 keV Rare-Gas Ions' <i>J. Phys. B, Atom. and Molec. Phys.,14, 4533-4544 (1981)</i> <i>Comment : S. He, Ne, Ar, Kr (40-200 keV) -> He, Ne, Ar, Kr, Xe (Note: stopping for ions of zero deflection)</i>	1981-Fuku 1411
1982	Geissel, H. Laichter, Yl Schneider, W. F. W. Armbruster, P. 'Energy Loss and Energy Loss Straggling of Fast Heavy Ions in Matter' <i>Nucl. Inst. Methods, 194, 21-29 (1982)</i> <i>Comment : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases</i>	1982-Geis 1417
1982	Laichter, Y. Geissel, H. Shafrir, N. H. 'On the Nuclear Charge and Atomic Mass of Attenuated Mean Fission Fragments' <i>Nucl. Inst. Methods, 194, 45-50 (1982)</i> <i>Comment : S. Fission Frag. (from Cr, U) -> N, Ne, Ar, Cr, Xe</i>	1982-Laic2 2002
1983	Baumgart, H. Arnold, W. Berg, H. Huttel, E. Clausnitzer, G. 'Proton Stopping Powers in Various Gases' <i>Nucl. Inst. Methods, 204, 597 (1983)</i> <i>Comment : H (60-800 keV) -> H, He, N, O, Ne, Ar, Kr, Xe</i>	1983-Baum 1614
1983	Baumgart, H. Berg, H. Huttel, E. Pfaff, E. Reiter, G. 'He4 Stopping Cross Sections in H2, He, N2, O2, Ne, Ar, Kr, Xe, CH4 and CO2' <i>Nucl. Inst. Methods, 215, 319-328 (1983)</i> <i>Comment : S. He (0.1-1.2 MeV) -> H2, He, N2, O2, Ne, Ar, Kr, Xe, CH4 and CO2</i>	1983-Baum3 1450
1983	Herold, W. D. Egger, J. Kaspar, H. Pocar, F. 'Precision Measurements of Energy Loss Distributions in Xenon Using Proportional Scintillation in a Wire Chamber' <i>Nucl. Inst. Methods, 217, 277 (1983)</i> <i>Comment : S. Pions (60-285 MeV) -> Xe</i>	1983-Hero 1662

Citations for Target : **Xe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Num
1983	Laichter, Y. Shafir, N. H. 'Fine Structure in the Stopping Powers and Ranges of Fission Fragments in Matter' <i>Nucl. Phys., A394, 77-86 (1983)</i> <i>Comment : S. Fission fragments (Cf-252) -> H, D, He, N, O, Ne, Ar, Kr, Xe</i>	1983-Laic 1696
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
1989	Bimbot, R. Cabot, C. Gardes, H. Orliange, I. 'Stopping Power of Gases for Heavy Ions: Gas-Solid Effect II. 2-6 MeV/amu Cu, Kr and Ag Projectiles' <i>Nucl. Inst. Methods, B44, 19-34 (1989)</i> <i>Comment : S. Cu, Kr, Ag (2-5 MeV/amu) -> H, He, N, O, Ne, Ar, Kr, Xe (11 gases)</i>	1989-Bimb 1934
1989	Bimbot, R. Cabot, C. Gardes, D. Gauvin, H. Hingmann, R. 'Stopping Power of Gases for Heavy Ions: Gas-Solid Effects I. 2-13 MeV/amu Ne and Ar Projectiles' <i>Nucl. Inst. Methods, B44, 1-18 (1989)</i> <i>Comment : S. Ne, Ar (2-13 MeV/amu) -> H, He, N, O, Ne, Ar, Kr, Xe (12 gases)</i>	1989-Bimb2 1935
1989	Bimbot, R. Gauvin, H. Herauld, 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
1990	Reiter, G. Kniest, N. Pfaff, E. Clausnitzer, G. 'Proton and Helium Stopping Cross Sections in H, He, N, O, Ne, Ar, Kr, Xe, CH4' <i>Nucl. Inst. Methods, B44, 399-411 (1990)</i> <i>Comment : S. H, He (0.7-3.0 MeV) -> H, He, N, O, Ne, Ar, Kr, Xe, CH4</i>	1990-Reit 1933
1991	Herauld, J. Bimbot, R. Gauvin, H. Kubica, B. Anne, R. 'Stopping Powers of Gases for Heavy Ions (O, Ar, Kr, Xe) at Intermediate Energy (20-100 MeV.amu). Vanishing of the Gas-Solid Effect' <i>Nucl. Inst. Methods, B61, 156-166 (1991)</i> <i>Comment : S. O, Ar, Kr, Xe (20-85 MeV/amu) -> He, O, N, (11 gases)</i>	1991-Hera 1908
1993	Novkovic, D. Subotic, K. Milosevic, Z. Manic, S. Stojanovic, M. 'Alpha Particle Energy Straggling Measurements in Nobel Gases' <i>J. Moscow Phys. Soc. (UK), 3, 215-220 (1993)</i> <i>Comment : dS. He(8.8 MeV) -> He, Ne, Ar, Kr, Xe</i>	1993-Novk 2077

Citations for Target : **Xe**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1993	Price, J. L. Simons, D. G. Stern, S. H. Land, D. J. Guardala, N. A. 'Stopping Powers of the Noble Gases for 0.3-10.0 MeV Nitrogen Ions' <i>Phys. Rev. A, 47, 2913-2918 (1993)</i> <i>Comment : S. N (0.3-10.0 MeV) -> He, Ne, Ar, Kr, Xe</i>	1993-Pric 1873
1996	Bimbot, R. Barbey, S. Benfoughal, T. Clapier, F. Mirea, M. 'Stopping Powers of Gases for Very Heavy Ions' <i>Nucl. Inst. Methods, B107, 9-14 (1996)</i> <i>Comment : S. U, Pb (24 MeV/amu, 29 MeV/amu) -> H, N, O, N, Ar, Kr, Xe</i>	1996-Bimb 1828
1996	Fukuda, A. 'Stopping Powers of the Rare Gases for 50-200 keV N+ Ions' <i>J. Phys. B, 29, 3717-3725 (1996)</i> <i>Comment : S. N (50-200 keV) -> He, Ne, Ar, Kr, Xe,</i>	1996-Fuku 1642
2001	Diwan, P. K. Kumar, S. Singh, G. Singh, L. 'Energy Loss of Heavy Ions in Gases: A Comparative Study' <i>Rad. Meas., 33, 193-202 (2001)</i> <i>Comment : S. Ne, S, Cl, Ar, Cu, Kr (1 - 80 MeV/u) -> H, He, N, Ar, Ne, Xe, CH4, C4H10, CO2, CF4</i>	2001-Diwa2 2369
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