

Citations for Ion : **Br**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1962	<p>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., 42, 44-60 (1962)[Engl. Trans. Sov. Phys., JETP15, 31-41 (1962)]</i></p> <p><i>Comment : 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</i></p>	1962-Tepl
1965	<p>Datz, S. Noggle, T. S. Moak, C. D. 'Channeling Effects on the Energy Loss of High Energy (20-80 MeV) 79Br and 127I Ions in Gold' <i>Nucl. Inst. Methods, 38, 221-30 (1965)</i></p> <p><i>Comment : S, dS. 20-80 MeV 79Br, 127I -> Au (Cryst.)</i></p>	1965-Datz
1965	<p>Datz, S. Noggle, T. S. Moak, C. D. 'Anisotropic Energy Losses in a Face-Centered Cubic Crystal for High-Energy 79Br and 127I Ions' <i>Phys. Rev. Letters, 15, 254-57 (1965)</i></p> <p><i>Comment : S. (12-82 MeV) Br, I -> Au (Cryst.)</i></p>	1965-Datz2
1965	<p>Henke, R. P. Benton, E. V. 'Range-Momentum Relation for Heavy Recoil Ions in Emulsion' <i>Phys. Rev. A, 139, 2017-21 (1965).</i></p> <p><i>Comment : R. 32-320 MeV 108Ag, 30-260 MeV 80 Br -> Emulsion</i></p>	1965-Henk
1966	<p>Moak, C. D. Brown, M. D. 'Some Heavy-Ion Stopping Powers' <i>Phys. Rev., 149, 244-45 (1966)</i></p> <p><i>Comment : S. 10-100 MeV Br, I -> Be, C, Al, Ni, Ag, Au</i></p>	1966-Moak
1967	<p>Bridwell, L. B. Moak, C. D. 'Stopping Power and Differential Ranges for 79Br and 127I in UF4' <i>Phys. Rev., 156, 242-43 (1967)</i></p> <p><i>Comment : S. 20-100 MeV 79Br, 127I -> UF4</i></p>	1967-Brid
1967	<p>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., 161, 219-34 (1967)</i></p> <p><i>Comment : 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.)</i></p>	1967-Erik2
1967	<p>Sperduto, A. Buechner, W. W. VanDeGraaff, R. J. 'Range-Energy Measurements for Heavy Ions' <i>Bull. Am. Phys. Soc., 12, 28c (1967)</i></p> <p><i>Comment : R. 100-240 MeV F, Br, I, Ta, U -> Emulsion</i></p>	1967-Sper
1968	<p>Bowman, W. W. Lanzafame, F. M. Cline, C. K. Yu, Yu-Wen Blann, M. 'Recoil Ranges of 0.2 - 5.2 MeV Ions in Vanadium, Nickel, Iron, Zirconium and Gold.' <i>Phys. Rev., 165, 485-93 (1968)</i></p> <p><i>Comment : R, dR. Ion(ZI=12-81, E=0.22-5.2 MeV) -> V, Ni, Zr, Au</i></p>	1968-Bowm

Citations for Ion : **Br**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1968	Hvelplund, P. Fastrup, B. 'Stopping Cross Section in Carbon of 0.2 - 1.5 MeV Atoms with $Z1 \leq Z1 \leq 39$.' <i>Phys. Rev.</i> , 165, 408-14 (1968) <i>Comment</i> : S. (230 - 1470 keV) Sc, Ti, Cr, Mn, Fe, Co, Cu, Ge, Br, W, Y -> C	1968-Hvel2
1968	Pierce, T. E. Blann, M. 'Stopping Powers and Ranges of 5-90 MeV S32, Cl35, Br79, and I127 Ions in H2, He, N2, Ar, and Kr: a Semiempirical Stopping Power Theory for Heavy Ions in Gases and Solids' <i>Phys. Rev.</i> , 173, 390-405 (1968) <i>Comment</i> : S. 5-90 MeV 32S, 35Cl, 79Br, 127I -> H2, He, N2, Ar, Kr	1968-Pier
1968	Pierce, T. E. Bowman, W. W. Blann, M. 'Stopping Power of S32, Cl35, Br79 and I127 Ions in Mylar' <i>Phys. Rev.</i> , 172, 287-91 (1968) <i>Comment</i> : S. 15-95 MeV 32S, 35Cl, 30-90 MeV 79Br, 60-105 MeV 127I -> Mylar	1968-Pier2
1968	Whitton, J. L. 'The Measurement of Ionic Mobilities in the Anodic Oxides of Tantalum and Zirconium by a Precision Sectioning Technique' <i>J. Electrochem. Soc.</i> , 115, 58-61 (1968) <i>Comment</i> : R, dR. 30 keV 82Br, 85Kr, 86Rb -> ZrO2, Ta2O5, 30 keV 125Xe, 133Xe -> ZrO2	1968-Whit
1976	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</i> , Ed. by F. Chernow, J. A. Borders, D. K. Brice, 693-703 (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
1978	Bottiger, J. 'A Review on Depth Profiling of Hydrogen and Helium Isotopes Within the Near-Surface Region of Solids by Use of Ion Beams' <i>J. Nucl. Mater.</i> , 78, 161-181 (1978) <i>Comment</i> : R, dR. 10 MeV 16O, 30 MeV 35Cl, 40 MeV 79Br -> Ni	1978-Bott
1979	Dwivedi, K. K. Mukherji, S. 'Heavy Ion Track Lengths in Solid Dielectric Track Detectors' <i>Nucl. Inst. Methods</i> , 161, 317-326 (1979) <i>Comment</i> : R, dR. 15-69 MeV I, Br, Fe -> Dielectric Track Detectors	1979-Dwiv
1979	Santry, D. C. Werner, R. D. Westcott, O. M. 'The Range of 120 keV Ions in Solids' <i>IEEE Trans. Nucl. Sci.</i> , Ns-26, 1331-1334 (1979) <i>Comment</i> : 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	1979-Sant

Citations for Ion : **Br**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1980	Besenbacher, F. Bottiger, J. Laursen, T. Loftager, P. Moller, W. 'Z1-Oscillations in Low-Energy Heavy-Ion Ranges' <i>Nucl. Inst. Methods, 170, 183-188 (1980)</i> <i>Comment : R, dR. Atomic Numbers 18-92 (epsilon=.015) -> Si</i>	1980-Bese2
1980	Varma, M. N. Baum, J. W. Kuehner, A. V. 'Stopping Power and Radial Dose Distribution for 42 MeV Bromine Ions' <i>Phys. Med. Biol., 25, 4, 651-656 (1980)</i> <i>Comment : S. Br (42 MeV) -> Tissue equivalent gas</i>	1980-Varm
1981	Anthony, J. M. Parker, P. D. Lanford, W. A. 'Z1*3, Z1*4 Corrections to Heavy Ion Energy Loss' <i>IEEE Trans. Nucl. Sci., NS-28, 1227-1229 (1981)</i> <i>Comment : S. Si, Cl, Ti, Fe, Ni, Ge, Br (0.4-2.5 MeV/amu) -> Cu, Ag</i>	1981-Anth2
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
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
1987	Wang, K. M. Wang, Y. H. Tan, C. Y. Liu, J. T. Liu, X. J. 'Analysis of Bromine Ion Range Distributions in Glass' <i>Nucl. Inst. Methods, B19/20, 938-942 (1987)</i> <i>Comment : R. Br (50-400 keV) -> Glass</i>	1987-Wang
1988	Tan, C. Y. Xia, Y. Y. Yang, H. Sun, X. F. 'Stopping Powers of 100-600 keV F+, Ar+, As+, Br+, and Xe+ Ions in Silicon' <i>Nucl. Inst. Methods, B33, 142-146 (1988)</i> <i>Comment : S. F, Ar, As, Br, Xe (100-600 keV) -> Si</i>	1988-Tan
1989	Xia, Y. Tan, C. Yang, H. Sun, X. Liu, J. 'Nucleonic Stopping Powers Derived from Range Measurements for Ions at Low Velocity' <i>Vacuum, 39, 347-349 (1989)</i> <i>Comment : S, R, F, Ar, As, Br, Xe -> PbSn, Si</i>	1989-Xia
1994	Andersen, J. U. Ball, G. C. Davies, J. A. Davies, W. G. Forster, J. S. 'Energy Loss of Heavy Ions at High Velocity' <i>Phys. Rev., 90, 104 (1994)</i> <i>Comment : S. Br (11-13.5 MeV/amu) -> Si, Ni, Au. Stopping of Br (32+ charge state) with comparison to various theories.</i>	1994-Ande

Citations for Ion : **Br**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1995	Ouichaoui, S. Rosier, L. Hourany, E. Bimbot, R. Redjidal, 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
1996	Eriksson, J. Kopniczky, J. Demirev, P. Papaleo, R. M. Brinkmalm, G. 'Damage Cross-Sections and Surface Track Dimensions of Biomolecular Surfaces Bombarded by Swift Heavy Ions' <i>Nucl. Inst. Methods, B107, 281-286 (1996)</i> <i>Comment : S. S, Cu, Br, I (1.1 cm/ns) -> Biological targets (peptides).</i>	1996-Erik
1997	Kumar, S. Sharma, S. K. Nath, N. Hari Kumar, V. Pathak, A. P. 'MeV Heavy Ion Stopping Power Measurements using NSC Pelletron' <i>Vacuum, 48, 1027-1029 (1997)</i> <i>Comment : S. Ag, Br, Au (0.2-1 MeV/u) -> C</i>	1997-Kuma
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