

Citations for Ion : **Cu**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1958	Schmitt, R. A. Sharp, R. A. 'Measurement of the Range of Recoil Atoms' <i>Phys. Rev. Letters, 1, 445-47 (1958)</i> <i>Comment : R. (33-130 keV) C, F, Cl, Ti, Fe, Zn, Cu, Mo, Ag, Au -> Polystyrene, Teflon, Saran, Ti, Fe, Zn, Cu, Mo, Ag, Au</i>	1958-Schm
1961	VanLint, V. A. J. Schmitt, R. A. Suffredini, C. S. 'Range of 2 to 60 keV Recoil Atoms in Cu, Ag, and Au' <i>Phys. Rev., 121, 1457-63 (1961)</i> <i>Comment : R. 2.4-57.5 keV Cu -> Cu; 2.9-27.2 keV Ag -> Ag; 6.1-15.1 keV Au -> Au</i>	1961-VanL
1966	Gibbons, J. F. El-Hoshy, A. Manchester, K. E. Vogel, F. L. 'Implantation Profiles for 40 keV Phosphorous Ions in Silicon Single-Crystal Substrates' <i>Appl. Phys. Letters, 8, 46-48 (1966)</i> <i>Comment : R, dR. 40 keV 32P -> Si (Cryst.)</i>	1966-Gibb
1967	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> <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>	1967-Erik2
1968	Biersack, J. P. 'Range of Recoil Atoms in Isotropic Stopping Materials' <i>Z. Physik, 211, 495-501 (1968)</i> <i>Comment : R. (96-1335 keV) Al, Na, Mn, Mg, Co, Cu, Ra -> Al, Fe, Ni, Ar, Ne, O2, N2, CH4, He, H2, CuO, Al2O3</i>	1968-Bier
1968	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> <i>Comment : R, dR. Ion(ZI=12-81, E=0.22-5.2 MeV) -> V, Ni, Zr, Au</i>	1968-Bowm
1968	Hvelplund, P. Fastrup, B. 'Stopping Cross Section in Carbon of 0.2 - 1.5 MeV Atoms with 21 <= Z1 <= 39.' <i>Phys. Rev., 165, 408-14 (1968)</i> <i>Comment : S. (230 - 1470 keV) Sc, Ti, Cr, Mn, Fe, Co, Cu, Ge, Br, W, Y -> C</i>	1968-Hvel2
1969	Andersen, T. Sorensen, G. 'A Sectioning Technique for Copper, Silver, and Gold and Its Application to Penetration and Diffusion Studies' <i>Rad. Effects, 2, 111-17 (1969)</i> <i>Comment : R, dR. (30-400) keV Cu, Co, P, Kr -> Cu, Ag, Au</i>	1969-Ande3

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1970	Dearnaley, G. Wilkens, M. A. Goode, P. D. Freeman, J. H. Gard, G. A. 'The Range Distribution of Radioactive Ions Implanted into Silicon Crystals' <i>W. Palmer, M. W. Thompson, P. D. Townsend: Atomic Collision Phenomena in Solids. North-Holland, Amsterdam, P. 623-55 (1970)</i>	1970-Dear2
	<i>Comment : R, dR. 40-120 keV P, Na, S, Cu, Kr -> Si, Cryst. and Amorph.</i>	
1971	Arminen, E. Fontell, A. Lindroos, V. K. 'Anomalous High Collection of Copper Ions Implanted in Aluminum' <i>Phys. Stat. Sol., 4, 663-673 (1971)</i>	1971-Armi
	<i>Comment : R. 30, 60 keV Cu -> Al</i>	
1972	Bister, M. Anttila, A. Fontell, A. Leminen, E. 'A Method for the Determination of Recoil Ion Ranges Needed in Dsa Measurements' <i>Physik, 250, 82-86 (1972)</i>	1972-Bist
	<i>Comment : R. 50 keV Al -> C, Cu, Mo, Ta</i>	
1973	Myers, S. M. Beetzhold, W. Picraux, S. T. 'Implantation and Diffusion of Cu in Be, in B' <i>B.L. Crowder (Ed.): Ion Implantation in Semiconductors and Other Materials. Plenum. N. Y. 445-64 (1973)</i>	1973-Myer
	<i>Comment : R,dR. 100 keV Cu -> Be</i>	
1974	Grant, W. A. Williams, J. S. Dodds, D. 'Measurement of Projected and Lateral Range Parameters for Low Energy Heavy Ions in Silicon by Rutherford Backscattering' <i>Meyer, G. Linker and F. Kappeler (Ed.): Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 235-44 (1974)</i>	1974-Gran
	<i>Comment : R, dR, dR(Lateral). 10-80 keV Pb, 50-400 keV Bi, 40 keV Ar, Cu, Kr, Cd, Al, Dy, W -> Si</i>	
1974	Myers, S. M. Picraux, S. T. Prevender, T. S. 'Study of Cu Diffusion in Be using Ion Backscattering' <i>Phys. Rev. B, 9, 3953-64 (1974)</i>	1974-Myer
	<i>Comment : R. 100 keV Cu -> Be</i>	
1976	Grant, W. A. Williams, J. S. Dodds, D. 'Measurement of the Lateral Spread of Heavy Ions Implanted into Silicon' <i>Rad. Effects, 29, 189-90 (1976)</i>	1976-Gran3
	<i>Comment : dR(Lateral). (10-40 keV) Cu, Cd, Xe, Dy, Kr, W, Pb, Bi -> Si</i>	
1976	Sood, D. K. Dearnaley, G. 'Ion-Implanted Surface Alloys in Copper and Aluminum' <i>G. Carter, J. S. Colligon, W. A. Grant (Ed.): Appl. of Ion Beams to Materials. Inst. of Physics Conf. Ser. No. 28, 169-203 (1976)</i>	1976-Sood
	<i>Comment : R. (150-300) keV Au, Mo, Bi, Ta, Mo, Gd, Bi, Cu, Rb, Ru, Cs, Ce, Eu, Ag, Cu, Se, Au -> Cu; Rb, Cd, Cs -> Al.</i>	

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1977	Neilson, G. W. Marwick, A. D. Sivell, P. M. 'Measurements of the Stopping Power of Metals for Low Energy Metal Ions' <i>Preprint: A.E.R.E. Rpt:R 8887 (1977)</i> <i>Comment : S. 115 keV Cu -> Cu, 115 keV Au -> Au.</i>	1977-Neil
1978	Bimbot, R. DellaNegra, S. Gardes, D. Gauvin, H. Fleury, A. 'Stopping Power Measurements for 4-5 MeV/Nucleon 16O, 40Ar, 63Cu, and 84Kr in C, Al, Ni, Ag, and Au' <i>Nucl. Inst. Methods, 153, 161-169 (1978)</i> <i>Comment : S. 4-5 MeV/amu 16O, 40Ar, 63Cu, 84Kr -> C, Al, Ni, Ag, Au</i>	1978-Bimb
1978	Dearnaley, G. Hartley, N. E. W. 'Ion Implantation into Metals and Carbides' <i>Thin Solid Films, 54, 215-232 (1978)</i> <i>Comment : R, dR. 100 keV N -> Fe, 60 keV Cu -> Ti</i>	1978-Dear
1979	Santry, D. C. Werner, R. D. Westcott, O. M. 'The Range of 120 keV Ions in Solids' <i>IEEE Trans. Nucl. Sci., Ns-26, 1331-1334 (1979)</i> <i>Comment : 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</i>	1979-Sant
1979	White, C. W. Christie, W. H. Pronko, P. P. Appleton, B. R. Wilson, S. R. 'Dopant Profile Changes Induced by Pulsed Laser Annealing' <i>Rad. Effects, 47, 37-40 (1979)</i> <i>Comment : R, dR. 35-150 keV B, P, As, Sb, Cu, Fe -> Si</i>	1979-Whit
1979	Whitley, J. B. Kulcinski, G. L. Wilkes, P. 'The Depth Dependent Damage Profile in Nickel Irradiated with Nickel or Copper Ions' <i>J. Nucl. Mater., 79, 159-169 (1979)</i> <i>Comment : R, dR. 14-19 MeV Cu, Ni -> Ni</i>	1979-Whit3
1980	Bernhard, F. Kerkow, H. Kudella, F. 'Depth Profile Measurements of Copper in Silicon by Ion-Induced X-Ray Emission' <i>Rad. Effects, 49, 107-112 (1980)</i> <i>Comment : R, dR. 200 keV Cu -> Si</i>	1980-Bern
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	Myers, S. M. 'Implanted and Annealed Alloys in Physical Metallurgy' <i>Rad. Effects, 49, 95-106 (1980)</i> <i>Comment : R, dR. 200 keV Cu -> Be: Sb, Ti -> Fe</i>	1980-Myer3

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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
1985	Shima, K. 'Charge States of Fast Heavy Ions in Solids- Target Atomic Number Dependence' <i>Nucl. Inst. Methods, B10/11, 45-48 (1985)</i> <i>Comment : S. F, Si, Cl, Cu (29-117 MeV) -> 20 metal foils (charge state analysis)</i>	1985-Shim
1986	Lennard, W. N. Geissel, H. Jackson, D. P. Phillips, D. 'Electronic Stopping Values for Low Velocity Ions ($9 \leq Z1 \leq 92$) in Carbon Targets' <i>Nucl. Inst. Methods, B13, 127 (1986)</i> <i>Comment : S. (16 keV/amu) F, Ne, Na, Mg, Al, P, Cl, Ar, K, Sc, Cr, Mn, Cu, Kr, Nb, Ag, In, Xe, Sm, Yb, Au, Bi, U -> C</i>	1986-Lenn2
1988	Grande, P. L. Fichtner, P. F. P. Behar, M. Zawislak, F. C. 'Range Parameters of Heavy Ions Implanted into C Films' <i>Nucl. Inst. Methods, B33, 122-124 (1988)</i> <i>Comment : R, dR. Pb, Yb, Er, Cu (10-200 keV) -> C</i>	1988-Gran2
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
1991	Abdesselam, A. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Slowing Down of Heavy Ions in Solids near the Stopping Power Maximum' <i>Nucl. Inst. Methods, B56/57, 355-357 (1991)</i> <i>Comment : S. C, O, Al, Cu, Ti, I, Ag, Au (0.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta, Au</i>	1991-Abde
1992	Abdesselam, M. Stoquert, J. P. Guillaume, G. Hage-Ali, M. Grob, J. J. 'Cu, I and Au Stopping Powers in Solid Targets' <i>Nucl. Inst. Methods, B72, 7-15 (1992)</i> <i>Comment : S. Cu, I and Au (0.4-3.4 MeV) -> C, Al, Cu, Ag, Ta and Au</i>	1992-Abde2
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
1996	Gelfort, S. Kerkow, H. Stolle, R. Petukhov, V. P. Romanowski, E. A. 'Angular Dependence of the Electronic Energy Loss for Low Energy Heavy Ions under Channeling Conditions' <i>Nucl. Inst. Methods, B115, 315-318 (1996)</i> <i>Comment : S. Channeling of ions He to Kr in Si <110></i>	1996-Gelf

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1996	Hari, K. V. Pathak, A. P. Sharma, S. K. Shyam, K. Nath, N. 'Energy Loss of MeV Heavy Ions in Carbon' <i>Nucl. Inst. Methods, B108, 223-226 (1996)</i> <i>Comment : S. Zl (O - Cu) at 0.1-1.0 MeV/amu -> C</i>	1996-Hari
1996	Kumar, S. Sharma, S. K. Nath, N. Harikumar, V. Pathak, A. P. 'Stopping Power of Carbon for Heavy Ions up to Copper' <i>Rad. Effects, 139, 197-206 (1996)</i> <i>Comment : S. Sc, Ti, Cr, Mn, Fe, Cu (0.2-1.0 MeV/amu -> C</i>	1996-Kuma
1997	Harikumar, V. Pathak, A. P. Nath, N. Kumar, S. Sharma, S. K. 'Stopping Power of Carbon for Se, Fe, Ni and Cu Ions using the ERDA Technique' <i>Nucl. Inst. Methods, B129, 143-146 (1997)</i> <i>Comment : S. Si, Fe, Ni, Cu (Vo - 5Vo) -> C</i>	1997-Hari
1997	Jokinen, J. 'Stopping Powers of C, Al and Cu for use in ERDA Analyses with Probing MeV-Energy Au Ions' <i>Nucl. Inst. Methods, B124, 447-452 (1997)</i> <i>Comment : S. Au, C, Al, Au -> C, Al, Cu</i>	1997-Joki2
1999	Sharma, A. Kumar, S. Sharma, S. K. Nath, N. Harikumar, V. 'An Experimental Study of Stopping Power for MEV Heavy Ions' <i>J. Phys. G, Nucl. Part. Phys., 25, 135 (1999)</i> <i>Comment : S. Cl, K, Ca, Sc, Ti, V, Mn, Cu (0.1 - 0.6 MeV/u) -> C</i>	1999-Shar
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
2002	Zhang, Y. 'High-Precision Measurement of Electronic Stopping Powers for Heavy Ions using High-Resolution Time-of-Flight Spectrometry' <i>Nucl. Inst. Methods, B196, 1-15 (2002)</i> <i>Comment : S. Stopping of 18 Heavy Ions into C, Al and Au Targets</i>	2002-Zhan
2003	Diwan, P.K. Kumar, S. Sharma, V. Sharma, S.K. Mittal, V.K. 'Slowing down of MeV heavy ions with Z=6-29 in PEN (C7H5O2) ' <i>Nucl. Instrum. Methods Phys. Res. B201, 389 (2003)</i> <i>Comment : S. C - Cu (0.5 - 2.5 MeV/n) C7H5O2</i>	2003-Diwa
2003	Zhang, Yanwen Weber, W. J. 'Validity of Bragg's rule for heavy-ion stopping in silicon carbide' <i>Phys. Rev. B68, 235317 (2003)</i> <i>Comment : S. O - Cu (0.05 - 0.4 MeV/n) -> SiC</i>	2003-Zha1

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2004	Zhang, Y. Weber, W. Whitlow, H. J. 'Electronic Stopping Powers for Heavy Ions in Silicon' <i>Nucl. Inst. Methods, B215, 48-56 (2004)</i> <i>Comment : S. 14 light ions (Be-Cu) -> Si</i>	2004-Zha3
2006	Fertman, A. D. Yu, T. Mutin, T. Y. Basko, M. M. Golubev, A. A. 'Stopping Power Measurements for 100 keV/u Cu Ions in Hydrogen and Nitrogen' <i>Nucl. Inst. Methods, B247, 199-204, (2006)</i> <i>Comment : S. Cu -> H, N</i>	2006-Fert
2007	Linares, R. Freire, J. A. Ribas, R. V. Medina, N. H. Oliveira, J. R. 'Stopping Power of Au for Cu Ions iwth Energies below Bragg's Peak' <i>Nucl. Inst. Methods, B263, 345-348 (2007)</i> <i>Comment : S. Cu -> Au</i>	2007-Lina