Citations for Ion : Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1958	Schmitt, R. A. Sharp, R. A. **'Measurement of the Range of Recoil Atoms'** ***Phys. Rev. Letters, 1, 445-47 (1958)*** *Comment : R. (33-130 keV) C, F, Cl, Ti, Fe, Zn, Cu, Mo, Ag, Au -> Polystyvene, Teflon, Saran, Ti, Fe, Zn, Cu, Mo, Ag, Au*	**1958-Schm**
1964	Lassen, N. O. RoyPoulsen, N. O. Sidenius, G. Vistisen, L. **'Stopping of 50 keV Ions in Gases'** ***Kgl. Danske Videnskab. Selskab Mat. Fys. Medd., 34, No. 5, 1-20 (1964)*** *Comment : R. (50 keV) Na, Ga, Au -> H2, D2, Ne, Ar, He, N2*	**1964-Lass**
1965	Brown, F. Ball, G. C. Channing, D. A. Howe, L. M. Pringle, J. P. S. **'Ranges of Heavy Ions'** ***Nucl. Inst. Methods, 38, 249-53 (1965)*** *Comment : R, dR. (20-150 keV) Na, K, Kr, Xe, Rb, Ce, Hg, Au -> Au, W, Si, Al, UO2 (Crystals)*	**1965-Brow**
1966	VanLint, V. A. J. Wyatt, M. E. Schmitt, R. A. Suffredini, C. S. Nichols, D. K. **'Range of Photoparticle Recoil Atoms on Solids'** ***Phys. Rev., 147, 242-48 (1966)*** *Comment : R. (.001- 5 epsilon) Ti, Sc, Cr, Fe, Mn, Ni, Co, Ge, Zr, Y, Sr, Mo, Rh, Pd, Ag, Cd, Sn, Gd, Ta, Au, Th -> Al, Cu*	**1966-VanL**
1967	Howe, L. M. Channing, D. A. **'Effect of Temperature on the Penetration of Heavy keV Ions in Monocrystalline Solids 2. Various Ions in Au, Al and W.'** ***Can. J. Phys., 45, 2467-82 (1967)*** *Comment : R, dR. (40-94 keV) Au, Kr, Na, Xe -> Au, Al, W (Cryst.)*	**1967-Howe**
1967	Whitton, J. L. **'Channelling in Gold'** ***Can. J. Phys., 45, 1947-57 (1967)*** *Comment : R, dR. 20-80 keV 133Xe, 198Au -> Au (Cryst.)*	**1967-Whit2**
1971	Pierson, W. R. Kummer, J. T. Brachuczek, W. **'Ranges of Recoil Atoms from the (n,gamma) Process'** ***Phys. Rev. B, 4, 2846-53 (1971)*** *Comment : R. About 50 eV Au -> D, He, Ne, Ar, Xe*	**1971-Pier**
1973	Neilson, G. W. Farmery, B. W. Thompson, M. W. **'Heavy Ion Ranges at 100 keV in Aluminum'** ***Phys. Letters A, 46, 45-46 (1973)*** *Comment : R. 100 keV Cs, Ba, La, Sm, Eu, Tb, Au -> Al*	**1973-Neil**
1974	Gahler, R. **'Zerstaubung von Gold Mit 14 MeV Neutronen'** ***Diplomarbeit, Technische Universitat Munchen (1974)*** *Comment : R. 71 keV Au -> Au, 143 keV Nb -> Nb*	**1974-Gahl**

Citations for Ion : Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1974	Schulz, M. Goetzberger, A. Franz, I. Langheinrich, W. **'Controlled Gold Doping of Silicon by using Ion Implantation'** ***Appl. Phys., 3, 275-280 (1974)*** *Comment : R. 110 keV Au -> Si*	**1974-Schu**
1975	Andersen, H. H. Bottiger, J. WolderJorgensen, H. **'Ranges of Ions with Z1 > 54 in Al and Al2O3'** ***Appl. Phys. Letters, 26, 678-79 (1975)*** *Comment : R, dR. (75-100 keV) Cs, Xe, Eu, Au, Tl -> Al, Al2O3*	**1975-Ande**
1975	Gahler, R. Kalus, J. Behrisch, R. **'A Measurement of the First Moment of the Range Distribution of (n, 2N) Recoils in Au and Nb'** ***Nucl. Inst. Methods, 130, 203-06 (1975)*** *Comment : R. 71 keV 196Au -> Au, 143 keV 92Nb -> Nb*	**1975-Gahl**
1975	Myers, S. Langley, R. A. **'Study of the Diffusion of Au and Ag in Be using Ion Beams'** ***J. Appl. Phys., 46, 1034-42 (1975)*** *Comment : R. 100 keV Au -> Be*	**1975-Myer**
1975	Oetzmann, H. Feuerstein, A. Grahmann, H. Kalbitzer, S. **'Range Parameters of Heavy Ions in Amorphous Targets at LSS-Energies of 0.0006 < Epsilon < 0.3.'** ***Phys. Letters, 55A, 170-172 (1975)*** *Comment : R, dR. 1-60 keV As, Ge, Sb, Au, Bi -> Si, Ge, Al*	**1975-Oetz**
1975	Williams, J. S. Grant, W. A. **'High Resolution Rutherford Backscattering and Its Application to Ion Range and Ion Collectionrad'** ***Rad. Effects, 25, 55-56 (1975)*** *Comment : R, dR. 20-80 keV Kr, Xe, Cs, Dy, Au, Pb, Bi -> Si, Al*	**1975-Will**
1976	Benmalek, M. Thomas, J. P. Mackowski, J. M. **'Ion-Bombardment of Amorphous Semiconductors and Related Evolution of Structural and Electrical Properties'** ***Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 637-647 (1976)*** *Comment : R. 20-300 keV Ne, Ar, Ge, Cd, Te, Xe, Au -> Ge*	**1976-Benm**
1976	Frick, G. Gehringer, C. Heusch, B. Ricaud, Ch. Wagner, P. **'Stripping Study for the GANIL Project'** ***IEEE Trans. Nucl. Sci., NS-23, 1137-9 (1976)*** *Comment : dS. 100 MeV Au, 110 MeV 1, 48 MeV Ni -> C*	**1976-Fric**

Citations for Ion : Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1976	Grant, W. A. Dodds, D. Williams, J. S. Christodoulides, C. E. Baragiola, R. A. **'Heavy Ion Ranges in Silicon and Aluminum'** ***Ion Implantation in Semiconductors, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 693-703 (1976)*** *Comment : R. 0.01 < Epsilon < 0.8 Cr, Ni, Ga, As, Br, Mo, Cs, La, Nd, Dy, Ta, Pt, Au, Pb -> Si, Al*	**1976-Gran**
1976	Krautle, H. **'Study of the Sputtering Process with Rutherford Backscattering'** ***Nucl. Inst. Methods, 137, 553-7 (1976)*** *Comment : R, dR. 50 keV Au -> Al, 5-30 keV B -> Si*	**1976-Krau**
1976	Oetzmann, H. Feuerstein, A. Grahmann, H. Kalbitzer, S. **'Range Parameters of Heavy Ions in Silicon and Germanium with Released Energies from 0.01 < epsilon < 10'** ***Meyer, G. Linker and F. Kappeler (Ed.):Ion Beam Surface Layer Analysis, Plenum, N. Y., P. 245-54 (1976)*** *Comment : R, dR. (1-40 keV) Al, Sb, As, Ge, Au, Bi -> Si, Ge*	**1976-Oetz**
1976	Sood, D. K. Dearnaley, G. **'Ion-Implanted Surface Alloys in Copper and Aluminum'** ***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)*** *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.*	**1976-Sood**
1977	Neilson, G. W. Marwick, A. D. Sivell, P. M. **'Measurements of the Stopping Power of Metals for Low Energy Metal Ions'** ***Preprint: A.E.R.E. Rpt:R 8887 (1977)*** *Comment : S. 115 keV Cu -> Cu, 115 keV Au -> Au.*	**1977-Neil**
1978	Combasson, J. L. Farmery, B. W. McCulloch, D. Neilson, G. W. Thompson, M. W. **'Heavy Ion Ranges in Aluminum and Silicon'** ***Rad. Effects, 36, 149-156 (1978)*** *Comment : R, dR. 20-250 keV Cs, La, Pr, Eu, Tb, Dy, Ho, Er, Lu, Hf, Pt, Au, Tl, Pb, Bi -> Al; Sm, Eu, Gd, Tb, Dy -> Si*	**1978-Comb**
1979	Bister, M. Hautala, M. Jantti, M. **'Comparison of Experimental and Theoretical Ranges of Heavy Ions in the Low Energy Region'** ***Rad. Effects, 42, 201-208, (1979)*** *Comment : R, dR. 20-190 keV Eu, Cs, La, Au, Al -> Si, Al, Ti, Ta*	**1979-Bist**
1979	Santry, D. C. Werner, R. D. Westcott, O. M. **'The Range of 120 keV Ions in Solids'** ***IEEE Trans. Nucl. Sci., Ns-26, 1331-1334 (1979)*** *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*	**1979-Sant**

Citations for Ion : Au

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'** ***Nucl. Inst. Methods, 170, 183-188 (1980)*** *Comment : R, dR. Atomic Numbers 18-92 (epsilon=.015) -> Si*	**1980-Bese2**
1980	Kalbitzer, S. Oetzmann, H. **'Ranges and Range Theories'** ***Rad. Effects, 47, 57-72, (1980)*** *Comment : R, dR. .1-2 MeV Bi, Sb, As, Ge, P, Au, Cs, Eu, Gd Tb -> Si, Ge, C, Al*	**1980-Kalb**
1981	Anthony, J. M. Lanford, W. A. **'Higher Order Z1 Effects in Heavy Ion Stopping Powers and Ranges'** ***Nucl. Inst. Methods, 186, 647-654 (1981)*** *Comment : S, R. Si, Ni, Au (1-2.5 MeV/amu) -> Cu, Ag, Pb*	**1981-Anth**
1982	Geissel, H. Laichter, Yl Schneider, W. F. W. Armbruster, P. **'Energy Loss and Energy Loss Straggling of Fast Heavy Ions in Matter'** ***Nucl. Inst. Methods, 194, 21-29 (1982)*** *Comment : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases*	**1982-Geis**
1985	Behar, M. Fichtner, P. F. Olivieri, C. A. DeSouza, J. P. Zawislak, F. C. **'Range Profiles of Implanted Bi and Au in Amorphous Silicon'** ***Nucl. Inst. Methods, B6, 453-458 (1985)*** *Comment : R, dR. Bi, Au (10-390 keV) -> Si*	**1985-Beha**
1986	Izsak, K. Berthold, J. Kalbitzer, S. **'Range Phenomena of Low Energy Ions in Solids'** ***Nucl. Inst. Methods, B15, 34-41 (1986)*** *Comment : R. In, Xe, Pb, Cs, Au, (.01 < epsilon < 1) -> Al, Si, Ni, Ri, Ge, Al2O3*	**1986-Izsa**
1986	Lennard, W. N. Geissel, H. Jackson, D. P. Phillips, D. **'Electronic Stopping Values for Low Velocity Ions (9 <= Z1 <= 92) in Carbon Targets'** ***Nucl. Inst. Methods, B13, 127 (1986)*** *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*	**1986-Lenn2**
1987	Grande, P. L. Fichtner, P. F. P. Behar, M. Livi, R. P. Zawislak, F. C. **'Projected Ranges and Range Straggling of Au and Bi Implanted into Carbon'** ***Nucl. Inst. Methods, B19/20, 25-27 (1987)*** *Comment : R, dR. Au, Bi (10-400 keV) -> C, SiO2*	**1987-Gran**
1988	Wilson, R. G. **'(111) Random and (110) Channeling Implantation Profiles and Range Parameters in HgCdTe'** ***J. Appl. Phys., 63, 5302-5311 (1988)*** *Comment : R, dR. 45 Ions (H to Ta) at 100-700 keV -> HgCdTe*	**1988-Wils**

Citations for Ion : Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1988	Wilson, R. G. **'Ion Implantation and SIMS Profiling of Impurities in II-VI Materials HgCdTe and CdTe'** ***J. Crystal Growth, 86, 735-743 (1988)*** *Comment : R, dR. 52 Ions (H-Hg) at 100-700 keV -> CdTe, HgCdTe*	**1988-Wils2**
1989	Weiser, M. Oberschachtsiek, P. Gunzler, R. Schule, V. Kalbitzer, S. **'Experimental and Calculated Range Moments of Deep Implants'** ***Mater. Sci. Eng., B2, 55-61 (1989)*** *Comment : R. H, N, I, Au (.2-5 MeV) -> Si Range distributions/moments.*	**1989-Weis**
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'** ***Nucl. Inst. Methods, B56/57, 355-357 (1991)*** *Comment : S. C, O, Al, Cu, Ti, I, Ag, Au (0.2-2 MeV/amu) -> C, Al, Cu, Ag, Ta, Au*	**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'** ***Nucl. Inst. Methods, B72, 7-15 (1992)*** *Comment : S. Cu, I and Au (0.4-3.4 MeV) -> C, Al, Cu, Ag, Ta and Au*	**1992-Abde2**
1993	Bogdanov, S. D. Zhurkin, E. E. Kosmach, V. F. Hassan, D. **'Effect of Z*3 Correction in Ionization Energy Losses on the Ranges of Heavy Ions'** ***Pis'Ma Zh. Eksp. Teor. Fiz. (Russia), 58, 711-714 (1993) [Eng. Trans. JETP Letters, (1993)]*** *Comment : R. Ne, Ar, Fe, Au, U (0.3-1.2 GeV/amu) -> Emulsion*	**1993-Bogd**
1995	Baiocchi, P. Cecchini, S. Dekhissi, H. Garutti, V. Giacomelli, G. **'Calibration with Relativistic and Low Velocity Ions of a CR-39 Nuclear Track Detector'** ***Rad. Meas. (UK), 25, 145-150 (1995)*** *Comment : S,R. H (50 keV) to Au (11.3 GeV) -> CR-39*	**1995-Baio**
1995	Bogdanov, S. S. Dudkin, V. E. Hassan, J. **'Ranges of 0.2-1.0 GeV/amu Heavy Ions in Nuchor'** ***Rad. Meas. (UK), 25, 111-114 (1995)*** *Comment : R. Ne, Ar, Fe, Au, U (0.2-1.0 GeV/amu) -> BR-2 (Nuchor) photoemulsion*	**1995-Bogd**
1995	Mozumder, A. Doke, T. Takashima, T. **'Energy Partition between the Core and the Penumbra of Au, La, Fe and Na Ion Tracks in Liquid Argon from 1-1000 MeV/amu'** ***Nucl. Inst. Methods, A365, 600-602 (1995)*** *Comment : S,R. Au, La, Fe,Na (1-1000 MeV/amu) -> Ar*	**1995-Mozu**
1995	Peterson, F. Enge, W. **'Energy Loss Dependent Transversal Etching Rates of Heavy Ion Tracks in Plastic'** ***Rad. Meas., 25, 43-46 (1995)*** *Comment : S. Au, Xe (10-480 MeV/amu) -> Makrofol*	**1995-Pete**

Citations for Ion : Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1995	Srivastava, A. Laldawngliana, C. Sinha, D. Ghosh, S. Dwivedi, K.K. **'Range and Energy Loss of Ni and Au Ions in Kapton'** ***Nucl. Sci. J. (Taiwan), 33, 85-93 (1995)*** *Comment : S,R. Ni, Au -> Kapton*	**1995-Sriv**
1996	Ceccini, S. Dekhissi, H. Garutti, V. Giacomelli, G. Katsavounidis, E. **'Calibration with Relativistic and Low Velocity Ions of a Clear Track Detector'** ***Nuovo Cimento A, 109A, 1119-1128 (1996)*** *Comment : R. H, (50 keV), Au (11.3 GeV) -> CR-39*	**1996-Cecc**
1996	Dwivedi, K. K. Srivastava, A. Ghosh, S. Sinha, D. Saxena, A. **'Energy Loss and Mean Ranges of Kr and Au in Tantalum'** ***Rad. Meas. (UK), 26, 561-563 (1996)*** *Comment : S, R. Kr, Au(2-17.7 MeV/amu) -> Ta*	**1996-Dwiv**
1996	Scheidenberger, C. Geissel, H. Nuckel, F. Czajkowski, S. Folger, H. **'Energy Loss Straggling Experiments with Relativistic Heavy Ions in Solids'** ***Phys. Rev. Letters, 77, 3987-3990 (1996)*** *Comment : dS. O, Xe, Au, U (700-1000 MeV/amu) -> ?*	**1996-Sche**
1997	Jokinen, J. **'Stopping Powers of C, Al and Cu for use in ERDA Analyses with Probing MeV-Energy Au Ions'** ***Nucl. Inst. Methods, B124, 447-452 (1997)*** *Comment : S. Au, C, Al, Au -> C, Al, Cu*	**1997-Joki2**
1997	Kumar, S. Sharma, S. K. Nath, N. Hari Kumar, V. Pathak, A. P. **'MeV Heavy Ion Stopping Power Measurements using NSC Pelletron'** ***Vacuum, 48, 1027-1029 (1997)*** *Comment : S. Ag,Br,Au (0.2-1 MeV/u) -> C*	**1997-Kuma**
1998	Geissel, H. Scheidenberger, C. **'Slowing Down of Relativistic Heavy Ions and New Applications'** ***Nucl. Inst. And Methods, B136-138, 114-124 (1998)*** *Comment : S, dS. O, Ar, Kr, Xe, Au, U (beta=0.1-1) -> Be, Cu*	**1998-Geis**
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Cortina, D. **'Drastic Enhancement of Energy-Loss Straggling of Relativistic Heavy Ions due to Charge-State Fluctuations'** ***Phys. Rev. Lett., 85, 2725-2728 (2000)*** *Comment : dS. Au, Pb, Bi (100 - 1000 MeV/u) -> Be,Ag,Au,Ta,Pb,Al,Bi,Cu,*	**2000-Weic**
2000	Weick, H. Geissel, H. Scheidenberger, C. Attallah, F. Baumann, T. **'Slowing Down of Relativistic Few-Electron Heavy Ions'** ***Nucl. Inst. Methods, B164-165, 168-179 (2000)*** *Comment : S. Au, Pb, Bi (100 - 1000 MeV/u) -> Be,Al,Cu,Ag,Ta,Au,Pb*	**2000-Weic2**

Citations for Ion : Au

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
2004	Zhang, Yanweb Weber, W. J. **'Electronic stopping powers in silicon carbide'** ***Phys.Rev. B69, 205201 (2003)*** *Comment : S. Be - Au (0.05 - 0.4 MeV/n) -> SiC*	**2004-Zha2**
2008	Perkowski, J. Andrzejewski, J. Javanainen, A. Malkiewicz, T. Sobczak, K. **'The first experimental values for the stopping power of Au ions in nickel.'** ***Acta Phys. Polonica B 39, 507 (2008)*** *Comment : S. Au (0.15-5 MeV/u) -> Ni*	**2008-Perk**
2010	Barbui, M. Fabris, D. Lunardon, M. Moretto, S. Nebbia, G. **'Energy loss of energetic /sup 40/Ar, /sup 84/Kr, /sup 197/Au and /sup 238/U ions in mylar, aluminum and isobutane'** ***Nucl.Instrum.Methods Phys.Res. B268, 20 (2010)*** *Comment : S. Ar, Kr, Au, U -> Al, Mylar, Butane at many energies*	**2010-Barb**