

Citations for Ion : **Ni**

Pub. Year	Authors, Title, Journal Citation and Comments	Citation Numb
1965	Hazan, J. P. Blann, M. 'Excitation Functions, Recoil Ranges and Statistical Theory of Analysis of Reactions Induced in Fe56 with 6-29-MeV He3 Ions' <i>Phys. Rev. B, 137, 1202-13 (1965).</i>	1965-Haza
	<i>Comment : R. 0.5-4.5 MeV Co, Ni -> Au</i>	
1966	VanLint, V. A. J. Wyatt, M. E. Schmitt, R. A. Suffredini, C. S. Nichols, D. K. 'Range of Photoparticle Recoil Atoms on Solids' <i>Phys. Rev., 147, 242-48 (1966)</i>	1966-VanL
	<i>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</i>	
1967	Valentine, C. K. Blann, M. 'Mean Ranges of 0.2 to 5 MeV Nickel and Cobalt Isotopes in Iron.' <i>Bull. Am. Phys. Soc., 12, 29 (1967)</i>	1967-Vale
	<i>Comment : R. 0.2-5.0 MeV Ni, Co -> Fe</i>	
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>	1968-Bowm
	<i>Comment : R, dR. Ion(ZI=12-81, E=0.22-5.2 MeV) -> V, Ni, Zr, Au</i>	
1974	Blok, H. Kiely, F. M. Pate, B. D. Hanappe, F. Pelier, J. 'Further Measurement of the Track Length of Heavy Ions in Mica' <i>Nucl. Inst. Methods, 119, 307-12 (1974)</i>	1974-Blok
	<i>Comment : R. (2.7-160 MeV) Al, Ar, Ca, Cr, Ni, Se, Kr, Ag -> Mica</i>	
1974	Lemberg, I. Kh. Pasternak, A. A. 'New Method of Investigating the Electronic and Ion-Atomic Mechanisms of Stopping Heavy Ions in Matter' <i>Zh. Etf Pis. Red., 19, 784-87 (1974). [Engl. Trans. JETP Letters, 19, 401-02 (1974).</i>	1974-Lemb
	<i>Comment : S. 18 MeV Cd -> Cd, 12.5 MeV Ni -> Ni</i>	
1976	Frick, G. Gehringer, C. Heusch, B. Ricaud, Ch. Wagner, P. 'Stripping Study for the GANIL Project' <i>IEEE Trans. Nucl. Sci., NS-23, 1137-9 (1976)</i>	1976-Fric
	<i>Comment : dS. 100 MeV Au, 110 MeV I, 48 MeV Ni -> C</i>	
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, Ed. by F. Chernow, J. A. Borders, D. K. Brice, 693-703 (1976)</i>	1976-Gran
	<i>Comment : R. 0.01 < Epsilon < 0.8 Cr, Ni, Ga, As, Br, Mo, Cs, La, Nd, Dy, Ta, Pt, Au, Pb -> Si, Al</i>	
1976	Krautle, H. 'Study of the Sputtering Process with Rutherford Backscattering' <i>Nucl. Inst. Methods, 137, 553-7 (1976)</i>	1976-Krau
	<i>Comment : R, dR. 50 keV Au -> Al, 5-30 keV B -> Si</i>	

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1977	Iwaki, M. Namba, S. Yoshida, K. Soda, N. Yukawa, K. 'Concentration Profiles of Nickel and Chromium Implanted in Mild Steel' <i>Jap. J. Appl. Phys.</i> , 16 , 1475-1476 (1977) <i>Comment</i> : R. 150 keV Ni, Cr -> Steel	1977-Iwak
1977	Narayan, J. Oen, O. S. 'Depth Distrution of Self-Ion Damage in Nickel' <i>J. Nucl. Mater.</i> , 66 , 158-162 (1977) <i>Comment</i> : R. 4 MeV Ni -> Ni	1977-Nara
1978	Henager, C. H. Brimhall, J. L. Simonen, E. P. 'The Damage Profile in Mo Bombarded with Ni ⁺⁺ , Ni ⁺⁺ and He Ions' <i>Rad. Effects</i> , 36 , 49-55 (1978) <i>Comment</i> : R. 5 MeV Ni, 200 keV He -> Mo	1978-Hena
1978	Picraux, S. T. Follstaedt, D. M. Baeri, P. Campisano, S. U. Foti, G. 'Depth Profile Studies of Extended Defects Induced by Ion Implantation in Si and Al' <i>Proc. Intl. Conf. Ion Beam Modification of Materials</i> (1978) <i>Comment</i> : R, dR. 200 keV P -> Si; 150 keV Ni -> Al	1978-Picr
1978	Sartwell, B. D. 'Formation of Corrosion-Resistant Surface Alloys by Metal Implantation' <i>Thin Solid Films</i> , 54 , 233-242 (1978) <i>Comment</i> : R, dR. 25 keV Cr, Ni -> Fe	1978-Sart
1978	Smith, H. J. VanWyk, G. N. 'Increase of Range of Ni ⁺ Ions in Cu Due to Ion Bombardment Induced Crystalline Reorientation' <i>Phys. Letters</i> , 64A , 327-329 (1978) <i>Comment</i> : R. 40 keV Ni -> Cu	1978-Smit
1979	Brunner, G. 'Using Stopping Foils for Depth Determination by Particle Induced X-Ray Emmission' <i>Nucl. Inst. Methods</i> , 166 , 503-506 (1979) <i>Comment</i> : dS. 0-1 MeV Ni -> Ag	1979-Brun
1979	Whitley, J. B. Kulcinski, G. L. Wilkes, P. 'he Depth Dependent Damage Profile in Nickel Irradiated with Nickel or Copper Ions' <i>J. Nucl. Mater.</i> , 79 , 159-169 (1979) <i>Comment</i> : R, dR. 14-19 MeV Cu, Ni -> Ni	1979-Whit3
1980	Besenbacher, F. Bottiger, J. Laursen, T. Loftager, P. Moller, W. 'Z1-Oscillations in Low-Energy Heavy-Ion Ranges' <i>Nucl. Inst. Methods</i> , 170 , 183-188 (1980) <i>Comment</i> : R, dR. Atomic Numbers 18-92 (epsilon=.015) -> Si	1980-Bese2

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1980	Campbell, A. B. Sartwell, B. D. Needham, P. B. Jr. 'Depth Profiling of Ion-Implanted Alloys' <i>J. Appl. Phys.</i> , 50, 283-289 (1980) <i>Comment</i> : R, dR. 25 keV Ni, Cr, Al -> Fe	1980-Camp
1980	Marwick, A. D. Piller, R. C. 'Modification of Implant Profiles in Nickel by Radiation-Enhanced Diffusion and Segregation' <i>Rad. Effects</i> , 47,195-202 (1980) <i>Comment</i> : R, dR. 30-75 keV Mn, Ti, Ni -> Ni	1980-Marw
1980	Revesz, P. Farkas, Gy. Gyulai, J. 'Behavior of Antimony Above Solid Solubility in Silicon Produced by Implantation and Laser Annealing' <i>Rad. Effects</i> , 47, 149-152 (1980) <i>Comment</i> : R, dR. .5-2 MeV Ni -> GaP	1980-Reve
1980	Takai, M. Ryssel, H. Kranz, H. Bayerl, P. 'Photo- and Electroluminescence of Nitrogen Isoelectronic Traps in GaAs' <i>Rad. Effects</i> , 47, 211-216 (1980) <i>Comment</i> : R, dR. 25-130 keV Ni -> Si	1980-Taka
1980	Wang, K. L. 'Primary Defects in Low-Fluence Ion-Implanted Silicon' <i>Appl. Phys. Letters</i> , 36, 48-50 (1980) <i>Comment</i> : R, dR. 40 keV Ni -> Si	1980-Wang
1981	Anthony, J. M. Lanford, W. A. 'Higher Order Z1 Effects in Heavy Ion Stopping Powers and Ranges' <i>Nucl. Inst. Methods</i> , 186, 647-654 (1981) <i>Comment</i> : S, R. Si, Ni, Au (1-2.5 MeV/amu) -> Cu, Ag, Pb	1981-Anth
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.</i> , NS-28, 1227-1229 (1981) <i>Comment</i> : S. Si, Cl, Ti, Fe, Ni, Ge, Br (0.4-2.5 MeV/amu) -> Cu, Ag	1981-Anth2
1982	Anthony, J. M. Lanford, W. A. 'Stopping Power and Effective Charge of Heavy Ions in Solids' <i>Phys. Rev. A</i> , 25 (4), 1868-1879 (1982) <i>Comment</i> : S. C, Si, Cl, Ti, Fe, Ni, Ge, Br, Nb, I (0.1-3.5 MeV/amu) -> C, Al, Cu, Ag, Au	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</i> , 194, 21-29 (1982) <i>Comment</i> : S. Heavy Ions (18 - 92) at 0.5-10 MeV/amu -> 17 Solids and 5 Gases	1982-Geis

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1987	Zielinski, M. Baek, W. Y. Bharuth-Ram, K. Gassen, D. Neuwirth, W. 'Energy Loss of 14N Ions in Ni, Ag and Cu and the Lifetimes of the States at 2.3 and 3.9 MeV in 14N' <i>Phys. Rev. A</i> , 36, 11, 5170-5177 (1987) <i>Comment</i> : S. Ni (2.3-3.9 MeV) -> Ni, Ag, Cu	1987-Ziel
1990	Kumar, S. Sharma, S. K. Garg, A. K. Sharma, A. P. 'Experimental Range of Heavy Ions of Charge 6-28 in CR-39 and Lexan' <i>Appl. Rad. Isotopes (UK)</i> , 41, 497-500 (1990) <i>Comment</i> : R. C, N, O, Ne, Si, Fe, Ni (6-9 MeV/amu) -> CR-39, Lexan	1990-Kuma
1991	McGuire, E. J. 'The Proton Stopping Power of Aluminum and Nickel ions' <i>J. Appl. Phys.</i> , 70, 7213-7216 (1991) <i>Comment</i> : Theory	1991-McGu
1995	Frey, C. M. Dollinger, G. Bergmaier, A. Faestermann, T. Maier-Komor, P. 'Charge State Dependence of the Stopping Power of 1 MeV/amu Ni Ions in Thin Carbon Foils' <i>Nucl. Inst. Methods</i> , B99, 205-209 (1995) <i>Comment</i> : S, dS. Ni (60 MeV) -> C Target Thickness and Ion Charge Effects	1995-Frey
1995	Sharma, S. K. Kumar, S. Sharma, A. P. 'Range of Heavy Ions in Solids' <i>Appl. Rad. Isotopes (UK)</i> , 46, 1345-1350 (1995) <i>Comment</i> : R. Fe, Al, Ni (99.5, 123, 199 MeV/amu) -> CR-39, Lexan	1995-Shar
1995	Srivastava, A. Laldawngliana, C. Sinha, D. Ghosh, S. Dwivedi, K.K. 'Range and Energy Loss of Ni and Au Ions in Kapton' <i>Nucl. Sci. J. (Taiwan)</i> , 33, 85-93 (1995) <i>Comment</i> : S,R. Ni, Au -> Kapton	1995-Sriv
1996	Frey, C. M. Dollinger, G. Bergmaier, A. Faestermann, T. Maier-Komor, P. 'Charge State Dependence of the Stopping Power of 1 MeV/amu Ni Ions' <i>Nucl. Inst. Methods</i> , B107, 31-35 (1996) <i>Comment</i> : S. Ni (1MeV/amu) -> C	1996-Frey
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</i> , B108, 223-226 (1996) <i>Comment</i> : S. Zl (O - Cu) at 0.1-1.0 MeV/amu -> C	1996-Hari
1996	Srivastava, A. Laldawngliana, C. Sinha, D. Ghosh, S. Dwivedi, K.K. 'Range and Energy Loss of Ni and Xe Ions in Hostaphan' <i>Indian J. Pure Appl. Phys.</i> , 34, 371-375 (1996) <i>Comment</i> : S,R. Ni, Xe -> hostaphan	1996-Sriv

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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
1998	Schmelmer, O. Dollinger, G. Frey, C. M. Bermaier, A. S=Karsch, S. 'Charge Dependent Energy Loss of 60 MeV Ni-58 (q+) Ions in Argon Gas' <i>Nucl. Inst. Methods, B146, 95-100 (1998)</i> <i>Comment : S. Ni (60 MeV) -> Ar as function of charge state of ion.</i>	1998-Schm
2000	Sharma, A. Kumar, S. Sharma, S. K. Diwan, P. K. Nath, N. 'Stopping Power of Mylar for Heavy Ions up to Copper' <i>Nucl. Inst. Methods, B170, 323-328 (2000)</i> <i>Comment : S. Na, Al, Cl, Sc, Ti, V, Cr, Mn, Ni, Cu (0.3 - 2.3 MeV/u) -> Mylar</i>	2000-Shar
2002	Hakim, A. Fahli, A. Toulemonde, M. Lelievre, D. 'Stopping Powers of Al, Havar, Ni, Ti and Ta Media for 9.67 MeV/u 58-Ni and 9.5 MeV/u 18-O Ions' <i>Nucl. Inst. Methods, B187, 164-168 (2002)</i> <i>Comment : S. Ni, O -> Al, Havar, Ni, Ti, Ta</i>	2002-Haki
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	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