K G Lynn

List of Publications by Year
in descending order

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197 papers	8,664 citations	43973 48 h-index	49773 87 g-index
199 all docs	199 docs citations	199 times ranked	3709 citing authors

#	Article	IF	Citations
1	Interaction of positron beams with surfaces, thin films, and interfaces. Reviews of Modern Physics, 1988, 60, 701-779.	16.4	1,579
2	Increased Elemental Specificity of Positron Annihilation Spectra. Physical Review Letters, 1996, 77, 2097-2100.	2.9	522
3	Nature of Native Defects in ZnO. Physical Review Letters, 2007, 99, 085502.	2.9	326
4	Characterization of defects in Si and SiO2â^'Si using positrons. Journal of Applied Physics, 1994, 76, 4935-4982.	1.1	321
5	CdTe solar cells with open-circuit voltage breaking the 1â€‰V barrier. Nature Energy, 2016, 1, .	19.8	307
6	Positron-Annihilation Momentum Profiles in Aluminum: Core Contribution and the Independent-Particle Model. Physical Review Letters, 1977, 38, 241-244.	2.9	234
7	Infrared spectroscopy of hydrogen in ZnO. Applied Physics Letters, 2002, 81, 3807-3809.	1.5	186
8	Auger-Electron Emission Resulting from the Annihilation of Core Electrons with Low-Energy Positrons. Physical Review Letters, 1988, 61, 2245-2248.	2.9	143
9	Slow positrons in metal single crystals. I. Positronium formation at Ag(100), Ag(111), and Cu(111) surfaces. Physical Review B, 1980, 22, 99-110.	1.1	113
10	Defect identification using the core-electron contribution in Doppler-broadening spectroscopy of positron-annihilation radiation. Physical Review B, 1996, 54, 4722-4731.	1.1	105
11	Stability of vacancies during solute clustering in Al-Cu-based alloys. Physical Review B, 2002, 65, .	1.1	96
12	Observation of Surface Traps and Vacancy Trapping with Slow Positrons. Physical Review Letters, 1979, 43, 391-394.	2.9	95
13	Measurement of positron reemission from thin single-crystal W(100) films. Physical Review B, 1985, 31, 4123-4130.	1.1	91
14	Defects and Impurities at the Si/Si(100) Interface Studied with Monoenergetic Positrons. Physical Review Letters, 1988, 61, 187-190.	2.9	89
15	Measurement of the Positron Surface-State Lifetime for Al. Physical Review Letters, 1984, 52, 1137-1140.	2.9	88
16	Slow positrons in single-crystal samples of Al and Al-AlxOy. Physical Review B, 1980, 22, 4143-4160.	1.1	85
17	Development and use of a thinâ€film transmission positron moderator. Applied Physics Letters, 1985, 47, 239-240.	1.5	83
18	Electrical compensation in CdTe andCd0.9Zn0.1Teby intrinsic defects. Physical Review B, 2000, 62, R16279-R16282.	1.1	82

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19	Variable-energy positron-beam studies of Ni implanted with He. Physical Review B, 1986, 34, 1449-1458.	1.1	80
20	Positronium formation and diffusion in crystalline and amorphous ice using a variable-energy positron beam. Physical Review B, 1985, 32, 7048-7064.	1.1	78
21	High-resolution angle-resolved positron reemission spectra from metal surfaces. Physical Review B, 1986, 33, 4479-4492.	1.1	78
22	Improved slow-positron yield using a single crystal tungsten moderator. Applied Physics A: Solids and Surfaces, 1983, 32, 163-167.	1.4	76
23	Defects in MeV Siâ€implanted Si probed with positrons. Journal of Applied Physics, 1993, 74, 1636-1639.	1.1	76
24	Effect of different preparation conditions on light emission from silicon implanted SiO2â€‰‰layers. Journal of Applied Physics, 1996, 79, 8660-8663.	1.1	75
25	SiO2/Si interface probed with a variableâ€energy positron beam. Applied Physics Letters, 1987, 51, 1022-1023.	1.5	74
26	Positron-beam-brightness enhancement: Low-energy positron diffraction and other applications. Physical Review B, 1985, 31, 5628-5633.	1.1	73
27	Positron diffusion in Si. Physical Review B, 1985, 32, 2296-2301.	1.1	71
28	Positron or Positroniumlike Surface State on Al(100)?. Physical Review Letters, 1985, 54, 1702-1705.	2.9	70
29	Upper limits on neutron and Î³-ray emission from cold fusion. Nature, 1989, 340, 29-34.	13.7	69
30	Trapping properties of cadmium vacancies inCd1â^'xZnxTe. Physical Review B, 1997, 55, 6945-6949.	1.1	69
31	Temperature dependence of positron-annihilation parameters inYBa2Cu3O7â^'xabove and below the superconducting transition. Physical Review B, 1987, 36, 8854-8857.	1.1	67
32	Vacancies studied by positron annihilation with high-momentum core electrons. Physical Review B, 1979, 20, 3566-3572.	1.1	66
33	Development of transmission positron moderators. Applied Physics Letters, 1987, 51, 1862-1864.	1.5	66
34	Measurement of positronium formation in positron collisions with hydrogen atoms. Physical Review Letters, 1992, 68, 3690-3693.	2.9	66
35	Calculation of the Doppler broadening of the electron-positron annihilation radiation in defect-free bulk materials. Physical Review B, 2000, 61, 10092-10099.	1.1	65
36	Identification of defects in Y3Al5O12 crystals by positron annihilation spectroscopy. Applied Physics Letters, 2007, 91, .	1.5	65

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37	Low-energy electron and positron diffraction measurements and analysis on Cu(100). Physical Review B, 1987, 35, 3102-3110.	1.1	62
38	Observation of the Amorphous-to-Crystalline Surface Transition in Al-AlxOyUsing Slow Positrons. Physical Review Letters, 1980, 44, 1330-1333.	2.9	61
39	Slowâ€positron apparatus for surface studies. Review of Scientific Instruments, 1980, 51, 977-982.	0.6	60
40	Evidence for the absence of ac(2Ã—2)superstructure for oxygen on Cu(100). Physical Review B, 1986, 33, 8899-8902.	1.1	60
41	Study of Solids by Use of Nonthermalized Positrons. Physical Review Letters, 1986, 57, 1789-1792.	2.9	59
42	Results of the Bielefeld-Brookhaven e+-H experiment. Hyperfine Interactions, 1994, 89, 221-242.	0.2	59
43	Positron Annihilation Techniques Suited for Porosity Characterization of Thin Films. Journal of Physical Chemistry B, 2003, 107, 2725-2734.	1.2	57
44	Observation of defects associated with the Cu/W(110) interface as studied with variable-energy positrons. Physical Review B, 1983, 27, 6626-6634.	1.1	55
45	Observation of Positronium Specular Reflection from LiF. Physical Review Letters, 1988, 61, 2542-2545.	2.9	55
46	Role of implantationâ€induced defects in surfaceâ€oriented diffusion of fluorine in silicon. Journal of Applied Physics, 1994, 76, 3403-3409.	1.1	52
47	Positronium Formation and Diffusion in a Molecular Solid Studied with Variable-Energy Positrons. Physical Review Letters, 1983, 51, 2007-2010.	2.9	51
48	Improvement of rareâ€gas solid moderators by using conical geometry. Applied Physics Letters, 1990, 57, 2374-2376.	1.5	50
49	Microvoids at theSiO2/Si interface. Physical Review B, 1989, 40, 1434-1437.	1.1	45
50	Variable-energy positron studies of metallic glasses. Physical Review B, 1984, 29, 2371-2381.	1.1	44
51	Some investigations of moderators for slow positron beams. Applied Physics Berlin, 1979, 19, 247-255.	1.4	43
52	Positron diffusion in germanium. Physical Review B, 1984, 30, 93-105.	1.1	43
53	Implantation profile of lowâ€energy positrons in solids. Applied Physics Letters, 1990, 57, 1634-1636.	1.5	42
54	Point defects in Si thin films grown by molecular beam epitaxy. Applied Physics Letters, 1992, 61, 540-542.	1.5	41

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55	Reemitted-Positron Energy-Loss Spectroscopy: A Novel Probe of Adsorbate Vibrational Levels. Physical Review Letters, 1983, 50, 1149-1152.	2.9	38
56	Evidence for phonon-assisted positronium emission from graphite. Physical Review Letters, 1988, 60, 538-541.	2.9	38
57	Study of SiO2â€Si and metalâ€oxideâ€semiconductor structures using positrons. Journal of Applied Physics, 1993, 73, 168-184.	1.1	37
58	Effect of microstructure on positron-annihilation parameters inYBa2Cu3O7. Physical Review B, 1988, 38, 5126-5129.	1.1	36
59	Pair momentum distribution inBi2Sr2CaCu2O8+Î´measured by positron annihilation: Existence and nature of the Fermi surface. Physical Review Letters, 1991, 67, 1350-1353.	2.9	35
60	Detection of hydrogenâ€plasmaâ€induced defects in Si by positron annihilation. Applied Physics Letters, 1994, 64, 1684-1686.	1.5	35
61	Positron lifetime studies of pure Ni from 4.2 to 1700K. Journal of Physics F: Metal Physics, 1980, 10, 1753-1761.	1.6	34
62	Temperature Dependence of the Positron Annihilation Characteristics in Molybdenum Containing Voids. Physical Review Letters, 1980, 44, 1629-1632.	2.9	34
63	Angle-resolved positronium emission spectroscopy. Physical Review Letters, 1987, 58, 921-924.	2.9	34
64	Diffusion and Trapping of Positive Muons in Al: Cu Alloys and in Deformed Al. Physical Review Letters, 1978, 41, 1558-1561.	2.9	33
65	Glancing angle scattering and neutralization of a positron beam at metal surfaces. Physical Review Letters, 1987, 58, 595-598.	2.9	30
66	Kinetics of hydrogen interaction with SiO2â€Si interface trap centers. Applied Physics Letters, 1994, 65, 330-332.	1.5	30
67	Direct observation of energy-gap scaling law in CdSe quantum dots with positrons. Physical Review B, 2002, 66, .	1.1	30
68	Nanometer-scale pores in low-k dielectric films probed by positron annihilation lifetime spectroscopy. Applied Physics Letters, 2002, 81, 4413-4415.	1.5	29
69	Positron-induced Auger-electron study of the Ge(100) surface: Positron thermal desorption and surface condition. Physical Review B, 1991, 43, 10051-10061.	1.1	28
70	Annealing of lowâ€temperature GaAs studied using a variable energy positron beam. Applied Physics Letters, 1993, 63, 87-89.	1.5	28
71	Hydrogen interaction with oxidized Si(111) probed with positrons. Canadian Journal of Physics, 1989, 67, 818-820.	0.4	27
72	Effects of Zn addition and thermal annealing on yield phenomena of CdTe and Cd0.96Zn0.04Te single crystals by nanoindentation. Applied Physics Letters, 2003, 82, 1200-1202.	1.5	27

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73	Positron lifetime measurements of fatigue damage in Ni and a Niï£¿Co alloy. Physica Status Solidi A, 1974, 22, 731-738.	1.7	26
74	A New Approach to Timing: The Fast-Fast System. IEEE Transactions on Nuclear Science, 1976, 23, 229-233.	1.2	26
75	Point defects in Ce-dopedY3Al5O12crystal scintillators. Physical Review B, 2006, 73, .	1.1	26
76	Positron trapping model including spatial diffusion of the positron. Physical Review B, 1985, 31, 15-19.	1.1	25
77	Distribution of point defects in Si(100)/Si grown by low-temperature molecular-beam epitaxy and solid-phase epitaxy. Physical Review B, 1993, 48, 5345-5353.	1.1	25
78	Search for thermally generated monovacancies in silicon using monoenergetic positrons. Physical Review B, 1989, 40, 12037-12040.	1.1	24
79	Lowâ€energy contributions to positron implantation. Journal of Applied Physics, 1993, 74, 3479-3496.	1.1	24
80	Defect distribution in lowâ€temperature molecular beam epitaxy grown Si/Si(100), improved depth profiling with monoenergetic positrons. Applied Physics Letters, 1995, 66, 2855-2857.	1.5	24
81	Anomalous Temperature Dependence of the Positron Diffusion Constant in Ge. Physical Review Letters, 1981, 47, 362-366.	2.9	23
82	Defects in oxygen-implanted silicon-on-insulator structures probed with positrons. Physical Review B, 1991, 44, 1812-1816.	1.1	23
83	Positronium in low temperature mesoporous films. Physical Review B, 2005, 71, .	1.1	23
84	Positron Annihilation Spectroscopy Study of Interfacial Defects Formed by Anodic Oxidation of Aluminum. Journal of the Electrochemical Society, 2004, 151, B22.	1.3	22
85	Temperature dependence of the fraction of re-emitted positrons and of the positron work function for Cu(111) + S. Physical Review B, 1982, 26, 2390-2393.	1.1	21
86	Vacancy formation energy measurements in single crystal aluminum using a variable-energy positron beam. Applied Physics A: Solids and Surfaces, 1985, 37, 31-36.	1.4	21
87	Search inschannel for production of 1â€“2 MeV/c2long-livede+eâ^'resonances. Physical Review Letters, 1992, 69, 1733-1736.	2.9	21
88	Sodium doping in ZnO crystals. Applied Physics Letters, 2015, 106, .	1.5	21
89	Temperature dependence of positron diffusion in metals. Physical Review B, 1985, 32, 1369-1372.	1.1	20
90	Monitoring the surface oxidation process with an energy-tunable monoenergetic positron beam. Physical Review B, 1988, 37, 3105-3108.	1.1	20

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91	Study of the SiO2-Si Interface Using Variable Energy Positron Two-Dimensional Angular Correlation of Annihilation Radiation. Physical Review Letters, 1996, 76, 2157-2160.	2.9	20
92	Ionization of atomic hydrogen by positrons. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 3297-3303.	0.6	20
93	Positron studies of metalâ€oxideâ€semiconductor structures. Journal of Applied Physics, 1993, 73, 2972-2976.	1.1	19
94	Field effect on positron diffusion in semi-insulating GaAs. Physical Review B, 1996, 54, 1982-1986.	1.1	19
95	Oxygen Deficiency and Hydrogen Turn ZnO Red. Journal of Electronic Materials, 2010, 39, 573-576.	1.0	19
96	Investigation of positronium formation at a Ag(100) surface. Journal of Physics C: Solid State Physics, 1979, 12, L435-L439.	1.5	18
97	Two-dimensional angular correlation of annihilation radiation study of positron interactions with surfaces of aluminum. Physical Review B, 1989, 39, 3966-3989.	1.1	18
98	Positron lifetime studies made in fatigue damaged AISI 4340 Samples. Metallurgical and Materials Transactions A - Physical Metallurgy and Materials Science, 1976, 7, 604-606.	1.4	17
99	?+ Depolarization measurements of Al alloyed with 0.1 at.% Ag, Cu, Mg, Si, and Zn. Hyperfine Interactions, 1979, 6, 295-299.	0.2	17
100	SiO2/Si interface properties using positrons. Physical Review B, 1991, 44, 5885-5888.	1.1	17
101	Search for low-mass states in elastice+eâ^'scattering. Physical Review Letters, 1992, 69, 1729-1732.	2.9	17
102	Detection of Corrosionâ€Related Defects in Aluminum Using Positron Annihilation Spectroscopy. Journal of the Electrochemical Society, 1994, 141, 3361-3368.	1.3	17
103	Positron diffusion in solid and liquid Ga and Bi. Physical Review Letters, 1991, 67, 1282-1285.	2.9	16
104	Vacancy defects in photoexcited GaAs studied by positron two-dimensional angular correlation of annihilation radiation. Physical Review B, 1994, 50, 11247-11250.	1.1	16
105	Quantum Channeling Effects for 1 MeV Positrons. Physical Review Letters, 1995, 75, 1650-1653.	2.9	16
106	Comparison of polycrystalline Cu(In,Ga)Se2device efficiency with junction depth and interfacial structure. Journal of Applied Physics, 1995, 78, 269-272.	1.1	16
107	Development of a coneâ€geometry positron moderator. Applied Physics Letters, 1989, 55, 87-89.	1.5	15
108	Evidence for shallow positron traps in a neutron-irradiated A1 single crystal as studied with variable-energy positrons. Physical Review B, 1982, 25, 3637-3648.	1.1	14

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109	Positron annihilation at the Si/SiO2interface. Journal of Applied Physics, 1992, 71, 530-532.	1.1	14
110	Study of DX center in Cd0.8Zn0.2Te:Cl by positron annihilation. Journal of Applied Physics, 1998, 84, 1889-1892.	1.1	14
111	Energy-Resolved Positron Annihilation in Flight in Solid Targets. Physical Review Letters, 1999, 83, 4658-4661.	2.9	14
112	Spatial sampling of crystal electrons by in-flight annihilation of fast positrons. Nature, 1999, 402, 157-160.	13.7	14
113	NUMERICAL MODELING OF INTERNAL RADIATION AND SOLIDIFICATION IN SEMITRANSPARENT MELTS IN MAGNETIC FIELDS. Numerical Heat Transfer; Part A: Applications, 2004, 45, 957-976.	1.2	14
114	Nanoporous structure of low-dielectric-constant films: A process compatibility study. Journal of Applied Physics, 2006, 99, 113514.	1.1	14
115	Improvement in scintillation performance of Ce, Er codoped yttrium aluminum garnet crystals by means of a postgrowth treatment. Applied Physics Letters, 2008, 93, 104102.	1.5	14
116	Observation of Surface Traps and Vacancy Trapping With Slow Positrons. Physical Review Letters, 1979, 43, 803-803.	2.9	12
117	Trapping model for thermal and nonthermal positrons in metals. Physical Review B, 1989, 40, 2537-2540.	1.1	12
118	Single-quantum annihilation of positrons with shell-bound atomic electrons. Physical Review Letters, 1991, 67, 3491-3494.	2.9	12
119	Efficient magnetic focusing of lowâ€energy ions (1â€“5 eV) onto solids for use in surface chemistry studies. Review of Scientific Instruments, 1992, 63, 175-178.	0.6	12
120	Positron reemission brightness enhancement method. Applied Physics A: Solids and Surfaces, 1982, 29, 93-98.	1.4	11
121	Comment on "Emission of Band-Gap-Energy Positrons from Surfaces of LiF, NaF, and Other Ionic Crystals". Physical Review Letters, 1987, 58, 81-81.	2.9	11
122	Range of slow positrons in metal overlayers on Al. Applied Physics Letters, 1990, 56, 728-730.	1.5	11
123	Investigation of nanopores in nanofiltration membranes using slow positron beam techniques. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 3804-3809.	0.8	11
124	A study of Pdâ€“Ta on Si(100) using Auger electron spectroscopy, Rutherford backscattering spectrometry, and variable energy positron annihilation. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1989, 7, 1601-1607.	0.9	10
125	Study of hydrogen interaction with SiO2/Si(100) system using positrons. Journal of Applied Physics, 1991, 69, 6603-6606.	1.1	10
126	Hydrogen-induced breakdown of low-temperature molecular-beam epitaxy of Si. Physical Review B, 1995, 51, 4630-4632.	1.1	10

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127	Positron annihilation studies of silicon-rich SiO2 produced by high dose ion implantation. Applied Physics Letters, 1997, 70, 496-498.	1.5	10
128	Doppler Broadening of In-Flight Positron Annihilation Radiation due to Electron Momentum. Physical Review Letters, 2001, 86, 5612-5615.	2.9	10
129	Positron annihilation study of vacancies in GaInNAs. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2004, 22, 1584.	1.6	10
130	Growth of CdTeâˆ•Si(100) thin films by pulsed laser deposition for photonic applications. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2006, 24, 606-611.	0.9	10
131	Potassium acceptor doping of ZnO crystals. AIP Advances, 2015, 5, .	0.6	10
132	Slow positron studies on clean and oxygen-exposed Sn(100) surfaces. Physical Review B, 1980, 21, 4935-4938.	1.1	9
133	Positron annihilation in Al single crystals from 85 mK to 300K. Journal of Physics F: Metal Physics, 1983, 13, L265-L268.	1.6	9
134	Eldrupet al.Respond. Physical Review Letters, 1984, 53, 954-954.	2.9	9
135	Transport model of thermal and epithermal positrons in solids. I. Physical Review B, 1990, 41, 6179-6184.	1.1	9
136	Interface studies using variable energy positron beams. International Materials Reviews, 1991, 36, 1-15.	9.4	9
137	Positron trap centers in xâ€ray and Î³â€ray irradiated SiO2. Applied Physics Letters, 1993, 63, 385-387.	1.5	9
138	Positron diffusion in solid and liquid metals. Physical Review B, 1999, 59, 14282-14301.	1.1	9
139	Positron Trapping at Stacking Faults in Metals. Physica Status Solidi (B): Basic Research, 1973, 60, K117.	0.7	8
140	Muon hyperfine fields in Fe(Al) alloys. Physical Review B, 1979, 20, 2315-2322.	1.1	8
141	Search for positron annihilation with a single-photon emission. Journal of Physics C: Solid State Physics, 1980, 13, 919-923.	1.5	8
142	Reinterpretation of oxygen on Al samples by variable-energy positrons. Physical Review B, 1986, 33, 3507-3508.	1.1	8
143	Positron mobility in thermally grown SiO2measured by Doppler broadening technique. Journal of Applied Physics, 1991, 70, 2874-2876.	1.1	8
144	An investigation of hydrogenized amorphous Si structures with Doppler broadening positron annihilation techniques. Applied Physics Letters, 1998, 73, 99-101.	1.5	8

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145	A High Intensity Positron Beam at the Brookhaven Reactor. NATO ASI Series Series B: Physics, 1987, , 161-174.	0.2	8
146	Magnetic field on the ?+ in Ni doped with 0.76at.% Cu or with 0.76at.% Co from 5 to 330K. Hyperfine Interactions, 1979, 6, 93-97.	0.2	7
147	Temperature dependence of the Doppler-broadened positron annihilation spectra in single and polycrystalline Cd. Physical Review B, 1981, 23, 5719-5724.	1.1	7
148	Trapping of nonthermal positrons in metals. Physical Review B, 1987, 36, 7107-7110.	1.1	7
149	Observation of elastic scattering of positrons and electrons at glancing incidence. Physical Review B, 1987, 36, 5659-5662.	1.1	7
150	Centroid shift of Î³ rays from positron annihilation in the depletion region of metalâ€oxideâ€semiconductor structures. Applied Physics Letters, 1991, 58, 86-88.	1.5	7
151	Nuclear-charge and positron-energy dependence of the single-quantum annihilation of positrons. Physical Review A, 1995, 51, 2122-2130.	1.0	7
152	Low-temperature positron transport in semi-insulating GaAs. Physical Review B, 1997, 55, 9897-9903.	1.1	7
153	Microscopic Structure ofDXCenters in Cd0.8Zn0.2Te:Cl. Physical Review Letters, 1997, 79, 4473-4476.	2.9	7
154	Vacancy Formation Enthalpy in Polycrystalline Depleted Uranium. Journal of Physics: Conference Series, 2013, 443, 012021.	0.3	7
155	The low-temperature dependence of positron annihilation momentum spectra in Al. Journal of Physics F: Metal Physics, 1978, 8, L295-L298.	1.6	6
156	Temperature dependence of the Doppler-broadened spectra in Ag obtained by positron annihilation. Physical Review B, 1980, 21, 2655-2660.	1.1	6
157	Anisotropy of the positron-annihilation Doppler-broadening profiles with the crystallographic direction of Zn. Physical Review B, 1982, 25, 3073-3078.	1.1	6
158	Differences between positrons and electrons in elastic and inelastic processes at surfaces. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1984, 2, 916-921.	0.9	6
159	Defect structures in cold worked and small grain pure and boron-doped Ni3Al alloys. Journal of Materials Research, 1989, 4, 55-61.	1.2	6
160	Positron annihilation studies in the field induced depletion regions of metalâ€oxideâ€semiconductor structures. Journal of Applied Physics, 1992, 71, 5606-5609.	1.1	6
161	Frequency Dependence of Positron Annihilation Signal from MOS Structure. Physica Status Solidi (B): Basic Research, 1993, 178, K11.	0.7	6
162	Improved CdZnTe detectors grown by vertical Bridgman Process. Materials Research Society Symposia Proceedings, 1997, 487, 229.	0.1	6

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163	Strength enhancement of single crystal laser components. Journal of Materials Research, 2003, 18, 2537-2539.	1.2	6
164	Intense Positron Beams and Possible Experiments. NATO ASI Series Series B: Physics, 1984, , 165-180.	0.2	6
165	Enhanced slow positron reemission with new thin foil moderator geometry. Applied Physics Letters, 1990, 57, 998-1000.	1.5	5
166	Positron annihilation studies of vacancy related defects in ceramic and thin film Pb(Zr,Ti)O3 materials. Integrated Ferroelectrics, 1995, 8, 121-128.	0.3	5
167	The SiO₂/Si Interface Probed With Positrons. Materials Research Society Symposia Proceedings, 1987, 105, 241.	0.1	4
168	Anomalous deuterium trapping in evaporated iron films studied by positron annihilation. Journal of Applied Physics, 1991, 70, 7349-7353.	1.1	4
169	Upper limits on emission of neutrons from Ti in pressurizedD2gas cells: A test of evidence for â€˜â€˜cold fusionâ€™â€™. Physical Review C, 1991, 43, 1298-1312.	1.1	4
170	Vacancy Related Defects in Thin Film Pb(ZrTi)O₃ Materials. Materials Research Society Symposia Proceedings, 1994, 361, 129.	0.1	4
171	Progress toward the long time confinement of large positron numbers. European Physical Journal D, 2012, 66, 1.	0.6	4
172	Thermally desorbed positronium from a clean and oxygen-covered Mo(110) surface. Physical Review B, 1985, 32, 4732-4733.	1.1	3
173	Upper limits on emission rates of neutrons and gamma-rays from â€œcold fusionâ€•in deuterided metals. Journal of Fusion Energy, 1990, 9, 217-217.	0.5	3
174	Multiple encounters of thermal positrons with surfaces. Physical Review B, 1991, 44, 13109-13111.	1.1	3
175	Two-dimensional angular-correlation-of-annihilation-radiation study of Î²-(BEDT-TTF)2Cu(NCS)2. Physical Review B, 1994, 50, 10393-10396.	1.1	3
176	Water-induced effects on the positron moderation efficiency of rare gas solids. Journal of Physics Condensed Matter, 1996, 8, L611-L615.	0.7	3
177	On the precipitation sequence in a Ni-based superalloy: A Coincidence Doppler Broadening study. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 3542-3545.	0.8	3
178	Feasibility of cooling positrons via conduction in conductive micro-tubes. Physics of Plasmas, 2014, 21, 012512.	0.7	3
179	Annealing of Cold Worked Hypostoichiometric Ni3Al Alloys Using Positron Lifetime Spectroscopy. Materials Research Society Symposia Proceedings, 1986, 81, 111.	0.1	2
180	Transport model of thermal and epithermal positrons in solids. II. Physical Review B, 1990, 41, 6185-6192.	1.1	2

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181	The e⁺â€“H experiment of the Bielefeldâ€“Brookhaven collaboration. Canadian Journal of Physics, 1996, 74, 361-366.	0.4	2
182	On the Behavior of [Zn(Propyltetrazole)6](BF4)2 Single Crystal Under High-Vacuum Conditions. Journal of Radioanalytical and Nuclear Chemistry, 2000, 245, 329-335.	0.7	2
183	Green photoluminescence in ZnO crystals: a combined study using positron annihilation, photoluminescence, and hall measurements. Journal of Materials Science: Materials in Electronics, 2015, 26, 10138-10140.	1.1	2
184	Depth-profiled Positron Annihilation Spectroscopy of Thin Insulation Films. , 2001, , 151-171.		2
185	The positive muon and the positron as probes of defects. Hyperfine Interactions, 1981, 8, 687-700.	0.2	1
186	Trapping of thermal positrons at metal surfaces. Physical Review B, 1991, 44, 10843-10847.	1.1	1
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