

João Guilherme Martins Correia

List of Publications by Year in descending order

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168
times ranked

2077
citing authors

#	ARTICLE	IF	CITATIONS
1	New Phase Transition in the $\langle \text{Pr} \rangle_{\text{Zn}}$ Evidence for Electrical Polarization in Charge Ordered Manganites. Physical Review Letters, 2008, 100, 155702.	2.9	87
2	Direct Evidence for As as a Zn-Site Impurity in ZnO. Physical Review Letters, 2005, 95, 215503.	2.9	86
3	Direct Evidence for Tetrahedral Interstitial Er in Si. Physical Review Letters, 1997, 79, 2069-2072.	2.9	80
4	Intruder States and the Onset of Deformation in the Neutron-Deficient Even-Even Polonium Isotopes. Physical Review Letters, 1995, 75, 4571-4574.	2.9	77
5	Lattice site location and optical activity of Er implanted ZnO. Nuclear Instruments & Methods in Physics Research B, 2003, 206, 1047-1051.	0.6	66
6	Tuning pore filling of anodic alumina templates by accurate control of the bottom barrier layer thickness. Nanotechnology, 2011, 22, 315602.	1.3	65
7	Lattice Location and Stability of Ion Implanted Cu in Si. Physical Review Letters, 2000, 84, 1495-1498.	2.9	59
8	Feasibility of a novel design of high resolution parallax-free Compton enhanced PET scanner dedicated to brain research. Physics in Medicine and Biology, 2004, 49, 2547-2562.	1.6	58
9	Position-sensitive Si pad detectors for electron emission channeling experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 524, 245-256.	0.7	56
10	Implantation site of rare earths in single-crystalline ZnO. Applied Physics Letters, 2003, 82, 1173-1175.	1.5	55
11	Emission channeling studies of Pr in GaN. Journal of Applied Physics, 2000, 88, 1319-1324.	1.1	51
12	Lattice location and thermal stability of implanted Fe in ZnO. Applied Physics Letters, 2004, 85, 4899-4901.	1.5	50
13	Direct evidence for Sb as a Zn site impurity in ZnO. Applied Physics Letters, 2009, 94, .	1.5	48
14	Lattice location and optical activation of rare earth implanted GaN. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 105, 132-140.	1.7	44
15	Lattice location and stability of implanted Cu in ZnO. Physical Review B, 2004, 69, .	1.1	40
16	Lattice Location of Mg in GaN: A Fresh Look at Doping Limitations. Physical Review Letters, 2017, 118, 095501.	2.9	39
17	Oxide fiber targets at ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 303-313.	0.6	34
18	The solid state physics programme at ISOLDE: recent developments and perspectives. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 104001.	1.4	32

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19	Optical doping of ZnO with Tm by ion implantation. Physica B: Condensed Matter, 2003, 340-342, 235-239.	1.3	30
20	Percolative transition on ferromagnetic insulator manganites: Uncorrelated to correlated polaron clusters. Physical Review B, 2006, 73, .	1.1	29
21	Transition Metal Impurities on the Bond-Centered Site in Germanium. Physical Review Letters, 2009, 102, 065502.	2.9	28
22	Dynamic off-centering of Cr $^{3+}$ ions and short-range magneto-electric clusters in CdCr S_2 .	1.1	28
23	Alpha-decay half-life of ^{221}Fr in different environments. European Physical Journal A, 2007, 32, 31-34.	1.0	27
24	Lattice location study of implanted In in Ge. Journal of Applied Physics, 2009, 105, 083522.	1.1	27
25	Local distortions in multiferroic AgCrO $_3$ triangular spin lattice. Physical Review B, 2011, 84, .	1.1	27
26	A four-detector spectrometer for e^+e^- PAC on-line with the ISOLDE-CERN isotope separator. Nuclear Instruments & Methods in Physics Research B, 1995, 99, 645-648.	0.6	25
27	Lattice location of implanted Cu in highly doped Si. Applied Physics Letters, 2000, 77, 2142-2144.	1.5	25
28	Stability and luminescence studies of Tm and Er implanted ZnO single crystals. Nuclear Instruments & Methods in Physics Research B, 2006, 242, 580-584.	0.6	25
29	Direct identification of interstitial Mn in heavily p-type doped GaAs and evidence of its high thermal stability. Applied Physics Letters, 2011, 98, 201905.	1.5	25
30	Lattice site and stability of implanted Ag in ZnO. Physica B: Condensed Matter, 2003, 340-342, 240-244.	1.3	23
31	Lattice sites of implanted Fe in Si. Physical Review B, 2005, 72, .	1.1	23
32	Lattice location study of ion implanted Sn and Sn-related defects in Ge. Physical Review B, 2010, 81, .	1.1	23
33	Mixed Zn and O substitution of Co and Mn in ZnO. Physical Review B, 2011, 84, .	1.1	23
34	A versatile apparatus for on-line emission channeling experiments. Review of Scientific Instruments, 2013, 84, 073506.	0.6	23
35	Electric-field gradients at the In^{111} and Cd^{111} sites in undoped and Mg-doped LiNbO_3 . Physical Review B, 1995, 51, 6208-6214.	1.1	21
36	Direct evidence for implanted Fe on substitutional Ga sites in GaN. Applied Physics Letters, 2001, 78, 3217-3219.	1.5	21

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37	Fe and Cu in Si: Lattice sites and trapping at implantation-related defects. Nuclear Instruments & Methods in Physics Research B, 2006, 253, 167-171.	0.6	20
38	Lattice sites of implanted Cu and Ag in ZnO. Superlattices and Microstructures, 2006, 39, 229-237.	1.4	20
39	The quadrupole moments of Zn and Cd isotopes – an update. Hyperfine Interactions, 2010, 198, 133-137.	0.2	20
40	Ab initio study of the relation between electric polarization and electric field gradients in ferroelectrics. Physical Review B, 2012, 86, .	1.1	20
41	TDPAC and ^{199}Au -NMR applications in chemistry and biochemistry. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064003.	1.4	19
42	Alternative approach to populate and study the ^{229}Th nuclear clock isomer. Physical Review C, 2019, 100, .	1.1	19
43	Engineering strain and conductivity of MoO ₃ by ion implantation. Acta Materialia, 2019, 169, 15-27.	3.8	19
44	Diluted manganese on the bond-centered site in germanium. Applied Physics Letters, 2010, 97, .	1.5	17
45	^{73}Ge : a new high resolution PAC probe. Hyperfine Interactions, 1993, 80, 1321-1327.	0.2	16
46	Influence of surface pre-treatment in the room temperature fabrication of nanoporous alumina. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3488-3491.	0.8	16
47	Evidence of N substitution by Mn in GaN. Physical Review B, 2012, 86, .	1.1	16
48	Influence of n+ and p+ doping on the lattice sites of implanted Fe in Si. Journal of Applied Physics, 2013, 114, 103503.	1.1	16
49	Local inhomogeneous state in multiferroic SmCrO ₃ . Scientific Reports, 2020, 10, 4686.	1.6	16
50	Influence of O and C co-implantation on the lattice site of Er in GaN. Applied Physics Letters, 2004, 84, 4304-4306.	1.5	15
51	In and Cd as defect traps in titanium dioxide. Hyperfine Interactions, 2017, 238, 1.	0.2	15
52	Free Molecule Studies by Perturbed ^{199}Au Angular Correlation: A New Path to Accurate Nuclear Quadrupole Moments. Physical Review Letters, 2021, 126, 103001.	2.9	15
53	PL studies on ZnO single crystals implanted with thulium ions. Superlattices and Microstructures, 2004, 36, 747-753.	1.4	14
54	Stability and diffusion of interstitial and substitutional Mn in GaAs of different doping types. Physical Review B, 2012, 86, .	1.1	14

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55	Paramagnetism and antiferromagnetic interactions in single-phase Fe-implanted ZnO. Journal of Physics Condensed Matter, 2013, 25, 416001.	0.7	14
56	Lattice location and thermal stability of implanted nickel in silicon studied by on-line emission channeling. Journal of Applied Physics, 2014, 115, .	1.1	14
57	Lattice location of implanted Cu in Si. Physica B: Condensed Matter, 1999, 273-274, 367-370.	1.3	13
58	High temperature annealing of Er implanted GaN. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2001, 81, 132-135.	1.7	13
59	Direct Structural Identification and Quantification of the Split-Vacancy Configuration for Implanted Sn in Diamond. Physical Review Letters, 2020, 125, 045301.	2.9	13
60	Lattice location of implanted Ag in Si. Nuclear Instruments & Methods in Physics Research B, 2002, 190, 543-546.	0.6	12
61	Lattice location of Fe in diamond. Nuclear Instruments & Methods in Physics Research B, 2003, 206, 941-946.	0.6	12
62	Experimental evidence of tetrahedral interstitial and bond-centered Er in Ge. Applied Physics Letters, 2008, 93, 141907.	1.5	12
63	Rapid Synthesis of Ordered Manganite Nanotubes by Microwave Irradiation in Alumina Templates. Journal of Nanoscience and Nanotechnology, 2009, 9, 6084-6088.	0.9	12
64	Doping of Ga ₂ O ₃ bulk crystals and NWs by ion implantation. Proceedings of SPIE, 2014, , .	0.8	12
65	The quadrupole moments of Cd and Zn isotopes - an apology. Hyperfine Interactions, 2016, 237, 1.	0.2	12
66	$\text{Ca}^{37}\text{O}^{17}\text{O}^{17}\text{O}^{17}$ structural path unraveled by atomic-scale properties: A combined experimental and <i>ab initio</i> study. Physical Review B, 2020, 101, .	1.1	12
67	Local μ probing in the high-Tc superconductor HgBa ₂ CuO ₄ + δ . Physical Review B, 2000, 61, 11769-11775.	1.1	10
68	Lattice location of the group V elements As and Sb in ZnO. Physica B: Condensed Matter, 2009, 404, 4803-4806.	1.3	10
69	Hyperfine interactions in MnAs studied by perturbed angular correlations of $\text{Mn}^{55}\text{As}^{\text{Mn}}$ -rays using the probe $\text{Br}^{81}\text{As}^{\text{Br}}$. Physical Review B, 2000, 61, 11769-11775.	1.1	10
70	A new tool for the search of nuclides with properties suitable for nuclear solid state physics based on the Evaluated Nuclear Structure Data Files. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 726, 17-30.	0.7	10
71	Precise lattice location of substitutional and interstitial Mg in AlN. Applied Physics Letters, 2013, 103, .	1.5	10
72	Local symmetry lowering in CdMn ₂ O ₄ spinel. Journal of Applied Physics, 2014, 116, 223907.	1.1	10

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73	Hydrogen passivation of cd acceptors in III-V semiconductors studied by PAC spectroscopy. Solid State Communications, 1995, 93, 425-430.	0.9	9
74	The influence of oxygen on the lattice sites of rare earths in silicon. Journal of Luminescence, 1998, 80, 303-307.	1.5	9
75	PAC Studies of Implanted 111Ag in Single-Crystalline ZnO. Hyperfine Interactions, 2004, 158, 395-400.	0.2	9
76	Recent Emission Channeling Studies in Wide Band Gap Semiconductors. Hyperfine Interactions, 2004, 159, 363-372.	0.2	9
77	Ion implantation of Cd and Ag into AlN and GaN. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1060-1064.	0.8	9
78	\hat{I}^2 decay of In133 : \hat{I}^3 emission from neutron-unbound states in Sn133. Physical Review C, 2019, 99, .	1.1	9
79	Hyperfine Fields at the Cd Site in La _{0.67} Cd _{0.25} MnO ₃ CMR Manganites. Hyperfine Interactions, 2001, 133, 89-94.	0.2	8
80	Lattice site location and annealing behavior of implanted Ca and Sr in GaN. Journal of Applied Physics, 2006, 100, 023531.	1.1	8
81	ISOL beams of hafnium isotopes and isomers. European Physical Journal: Special Topics, 2007, 150, 293-296.	1.2	8
82	An In-defect complex as a possible explanation for high luminous efficacy of InGaN and AlInN based devices. Hyperfine Interactions, 2010, 197, 187-191.	0.2	8
83	The urea combustion method in the preparation of precursors for high-TC single phase HgBa ₂ Ca ₂ Cu ₃ O ₈ + \hat{I} superconductors. Physica C: Superconductivity and Its Applications, 2011, 471, 1643-1646.	0.6	8
84	Hyperfine local probe study of alkaline-earth manganites SrMnO ₃ and BaMnO ₃ . Journal of Physics Condensed Matter, 2014, 26, 215401.	0.7	8
85	Hyperfine interactions and Rutherford backscattering studies of Cd and Hg in CdTe single crystals and thin films. Nuclear Instruments & Methods in Physics Research B, 1992, 63, 248-253.	0.6	7
86	Atomic ordering of the fluorine dopant in the HgBa ₂ CuO ₄ + \hat{I} high-Tc superconductor. Physical Review B, 2005, 72, .	1.1	7
87	Identification of the interstitial Mn site in ferromagnetic (Ga,Mn)As. Applied Physics Letters, 2015, 106, .	1.5	7
88	The ⁶⁸ mCu / ⁶⁸ Cu isotope as a new probe for hyperfine studies: The nuclear moments. Europhysics Letters, 2016, 115, 62002.	0.7	7
89	Nanosecond Dynamics at Protein Metal Sites: An Application of Perturbed Angular Correlation (PAC) of \hat{I}^3 -Rays Spectroscopy. Accounts of Chemical Research, 2017, 50, 2225-2232.	7.6	7
90	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Ca} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Mn} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ structural path: Following the negative thermal expansion at the local scale. Physical Review B, 2020, 102, .	1.1	7

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91	Emission channeling experiments from the decay of ^{109}Cd in GaN. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 105, 106-110.	1.7	6
92	Perturbed angular correlation study of ^{137}Ba in CaMnO_3 . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1667-E1668.	1.0	6
93	Amphoteric arsenic in GaN. Applied Physics Letters, 2007, 90, 181934.	1.5	6
94	EFG calculations for Cu $2s$ compounds. Hyperfine Interactions, 2007, 176, 9-13.	0.2	6
95	Nuclear radioactive techniques applied to materials research. Radiochimica Acta, 2012, 100, 127-137.	0.5	6
96	Jahn-Teller distortion relaxation across the LaMnO_3 phase diagram. Journal of Physics Condensed Matter, 2013, 25, 385602.	0.7	6
97	Lattice sites of Na dopants in ZnO. Semiconductor Science and Technology, 2016, 31, 095005.	1.0	6
98	Ultra sensitive quantification of Hg^{2+} sorption by functionalized nanoparticles using radioactive tracker spectroscopy. Microchemical Journal, 2018, 138, 418-423.	2.3	6
99	Hyperfine fields of mercury in single-crystalline cobalt. Journal of Applied Physics, 1994, 76, 6906-6908.	1.1	5
100	Optical activity and damage recovery of erbium implanted strontium titanate. Radiation Effects and Defects in Solids, 2002, 157, 1071-1076.	0.4	5
101	Erbium implantation in strontium titanate. Nuclear Instruments & Methods in Physics Research B, 2002, 191, 317-322.	0.6	5
102	Lattice location and stability of implanted Cu in Ge. Physica B: Condensed Matter, 2003, 340-342, 799-802.	1.3	5
103	Noise and trigger efficiency characterization of cooled silicon pad detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 1056-1064.	0.7	5
104	Lattice position and thermal stability of diluted As in Ge. Journal of Applied Physics, 2012, 111, .	1.1	5
105	Local probe studies in the weakly Jahn-Teller distorted $\text{LaMnO}_{3.08}$ manganite. Physica Status Solidi (B): Basic Research, 2014, 251, 565-568.	0.7	5
106	Lattice sites of implanted Na in GaN and AlN in comparison to other light alkalis and alkaline earths. Journal of Applied Physics, 2020, 128, 045703.	1.1	5
107	Group Theory Analysis to Study Phase Transitions of Quasi-2D $\text{Sr}_3\text{Hf}_2\text{O}_7$. Nanomaterials, 2021, 11, 897.	1.9	5
108	First ^{135}La -decay spectroscopy of LaMnO_3 and new ^{135}La -decay branches of LaMnO_3 .	1.1	5

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109	Time dependent electrical properties of GaAs doped with radioactive isotopes ^{67}Ga and ^{71}As . Nuclear Instruments & Methods in Physics Research B, 1995, 106, 267-270.	0.6	4
110	Lattice Sites and Damage Annealing of Implanted Tm and Er IN Si. Materials Research Society Symposia Proceedings, 1997, 469, 407.	0.1	4
111	Lattice Sites and Stability of Implanted Er in FZ and CZ Si. Materials Research Society Symposia Proceedings, 1997, 486, 269.	0.1	4
112	Er O clustering and its influence on the lattice sites of Er in Si. Physica B: Condensed Matter, 1999, 273-274, 342-345.	1.3	4
113	Lattice location of implanted As in ZnO. Superlattices and Microstructures, 2007, 42, 8-13.	1.4	4
114	Studies of local fields in the Pr $_{1-x}$ CaxMnO $_3$ system using perturbed angular correlation spectroscopy. Journal of Non-Crystalline Solids, 2008, 354, 5315-5317.	1.5	4
115	Magnetic hyperfine field at Cr site in AgCrO $_2$ given by Perturbed angular correlations. Hyperfine Interactions, 2010, 197, 123-128.	0.2	4
116	First principles calculations of hyperfine parameters on the Ca manganite with substitutional Cd-modeling of a PAC experiment. Journal of Magnetism and Magnetic Materials, 2010, 322, 1170-1173.	1.0	4
117	Damage formation and recovery in Fe implanted ^6SiC . Nuclear Instruments & Methods in Physics Research B, 2012, 286, 89-92.	0.6	4
118	Cd doping of AlN via ion implantation studied with perturbed angular correlation. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1032-1035.	0.8	4
119	Nanostructures and thin films of transparent conductive oxides studied by perturbed angular correlations. Physica Status Solidi (B): Basic Research, 2013, 250, 801-808.	0.7	4
120	Origin of the lattice sites occupied by implanted Co in Si. Semiconductor Science and Technology, 2014, 29, 125006.	1.0	4
121	Direct observation of the lattice sites of implanted manganese in silicon. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	4
122	Studying electronic properties in GaN without electrical contacts using $^{13}\text{I}^{\text{PAC}}$ vs $^{13}\text{I}^{\text{PAC}}$ Perturbed Angular Correlations. Scientific Reports, 2019, 9, 15734.	1.6	4
123	Lattice Location Studies of the Amphoteric Nature of Implanted Mg in GaN. Advanced Electronic Materials, 2021, 7, 2100345.	2.6	4
124	On-line perturbed angular correlation studies with the short lived ^{127}Cs probe. Nuclear Instruments & Methods in Physics Research B, 1999, 152, 357-364.	0.6	3
125	Electrical field gradient studies on the ^{127}Cs probe. Nuclear Instruments & Methods in Physics Research B, 1999, 152, 357-364.	0.2	3
126	The $^{181}\text{Hf}/^{181}\text{Ta}$ Probe in the Li and Nb Sites of Congruent Linbo $_3$ Co-doped with Mg and Cr Ions Studied by $^{13}\text{I}^{\text{PAC}}$. Hyperfine Interactions, 2004, 158, 323-328.	0.2	3

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127	Minority anion substitution by Ni in ZnO. Applied Physics Letters, 2013, 103, .	1.5	3
128	Emission channeling studies on transition-metal doped GaN and ZnO: Cation versus anion substitution. Nuclear Instruments & Methods in Physics Research B, 2014, 332, 143-147.	0.6	3
129	Local probing of multiferroics: First-principles study of hyperfine parameters in YMnO_3 and YMn_2O_5 . EPJ Web of Conferences, 2014, 75, 09002.	0.1	3
130	Drawing the geometry of 3d transition metal-boron pairs in silicon from electron emission channeling experiments. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 59-62.	0.6	3
131	Strain detection in crystalline heterostructures using bidimensional blocking patterns of channelled particles. Journal Physics D: Applied Physics, 2018, 51, 115304.	1.3	3
132	Lattice sites of ion-implanted Cu atoms in diamond. Physica B: Condensed Matter, 2003, 340-342, 89-93.	1.3	2
133	Local probe studies on LaMnO_3 using the angular correlation technique. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1671-E1673.	1.0	2
134	Arsenic in ZnO and GaN: Substitutional Cation or Anion Sites?. Materials Research Society Symposia Proceedings, 2007, 994, 1.	0.1	2
135	The EFG at sp-impurities in Zn and Cd—a new (final?) look. Hyperfine Interactions, 2010, 197, 11-15.	0.2	2
136	Perturbed angular correlations investigations on YMnO_3 multiferroic manganite. Hyperfine Interactions, 2010, 197, 83-88.	0.2	2
137	Oxygen ordering in the high- T_c superconductor $\text{HgBa}_2\text{CaCu}_2\text{O}_{8-x}$. http://www.w3.org/1998/Math/MathML T_c </mml:mi> </mml:mi> </mml:mi> </mml:msub> </mml:math> superconductor 199m </mml:mi> </mml:mrow> </mml:msub> </mml:math> CaCu_2 </mml:math> </mml:mn> 2 </mml:mn> </mml:msub> </mml:math> 199m </mml:mi> </mml:mrow> </mml:msub> </mml:math>	1.1	2
138	Perturbed Angular Correlation Study of the Static and Dynamic Aspects of Cadmium and Mercury Atoms Inside and Attached to a C_{60} Fullerene Cage. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 611-618.	0.7	2
139	Lattice location of implanted transition metals in 3C-SiC . Journal Physics D: Applied Physics, 2017, 50, 215101.	1.3	2
140	Lattice sites of ion-implanted Mn, Fe and Ni in 6H-SiC. Semiconductor Science and Technology, 2018, 33, 015021.	1.0	2
141	Hyperfine compound for $^{199}\text{m}\text{Hg}$ perturbed angular correlation of ^{13}C -rays spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 846, 1-6.	0.7	2
142	The electric field gradient as a signature of the binding and the local structure of adatoms on graphene. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	2
143	Direct evidence of Be as an amphoteric dopant in GaN. Physical Review B, 2022, 105, .	1.1	2
144	The lattice site of Au in Be after 24 h ^{197}mHg isotope implantation and decay. Nuclear Instruments & Methods in Physics Research B, 1994, 85, 457-461.	0.6	1

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145	Surface quality studies of high-Tc superconductors of the Hg-, Tl- and Hg _x Tl _{1-x} -families: RBS and resonant C and O backscattering studies. Nuclear Instruments & Methods in Physics Research B, 2002, 190, 673-678.	0.6	1
146	Lattice location and perturbed angular correlation studies of implanted Ag in SrTiO ₃ . Nuclear Instruments & Methods in Physics Research B, 2006, 249, 882-885.	0.6	1
147	Study of point defects and phase transitions in undoped and Nb-doped SrTiO ₃ using perturbed angular correlations. Nuclear Instruments & Methods in Physics Research B, 2007, 261, 604-607.	0.6	1
148	Dependence of the half-life of [²²¹ Fr] on the implantation environment. AIP Conference Proceedings, 2010, , .	0.3	1
149	Evidence of tetragonal distortion as the origin of the ferromagnetic ground state in ⁵⁷ Fe nanoparticles. Physical Review B, 2017, 96, .	1.1	1
150	Lattice location study of low-fluence ion-implanted ¹¹⁵ In in 3C-SiC. Journal of Applied Physics, 2019, 125, 215706.	1.1	1
151	Thermal stability of interstitial and substitutional Mn in ferromagnetic (Ga,Mn)As. Physical Review B, 2019, 100, .	1.1	1
152	Local probing of Hg neighborhood in HgBa ₂ CuO ₄ + δ . Physica C: Superconductivity and Its Applications, 2000, 341-348, 1969-1972.	0.6	0
153	Electron- γ perturbed angular correlation studies on high-TC superconductors. , 2000, 129, 461-473.		0
154	⁸⁰ mBr/ ⁸⁰ Br - A New Electron-Gamma PAC Probe. Hyperfine Interactions, 2001, 136/137, 155-159.	0.2	0
155	Lattice Site Location Studies of Rare-Earths Implanted in ZnO Single-Crystals. Materials Research Society Symposia Proceedings, 2002, 744, 1.	0.1	0
156	Annealing of BaTiO ₃ thin films after heavy ion implantation. Nuclear Instruments & Methods in Physics Research B, 2004, 216, 110-115.	0.6	0
157	Effect of fluence on the lattice site of implanted Er and implantation induced strain in GaN. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 1340-1344.	0.6	0
158	Lattice location of the group V elements Sb, As, and P in ZnO. Proceedings of SPIE, 2010, , .	0.8	0
159	Perturbed Angular Correlations Studies in the HgBa ₂ CaCu ₂ O ₆ + δ high-TC Superconductor. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1153-1156.	0.8	0
160	Influence of the doping on the lattice sites of Fe in Si. , 2014, , .		0
161	Lattice location of implanted Co in heavily doped n^+ and p^+ -type silicon. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	0
162	Recent Emission Channeling Studies in Wide Band Gap Semiconductors. , 2005, , 792-801.		0

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163	Perturbed angular correlations investigations on YMnO ₃ multiferroic manganite. , 2010, , 83-88.		0
164	The ¹⁸¹ Hf/ ¹⁸¹ Ta Probe in the Li and Nb Sites of Congruent LiNbO ₃ Co-doped with Mg and Cr Ions Studied by ¹³³ Ba PAC. , 2005, , 323-328.		0
165	Electrical Field Gradient Studies on La _{1-x} Cd _x MnO ₃ System. , 2005, , 347-351.		0
166	Hg adatoms on graphene: A first-principles study. JPhys Materials, 2020, 4, 015002.	1.8	0
167	Perturbed Angular Correlation Technique at ISOLDE/CERN Applied for Studies of Hydrogenated Titanium Dioxide (TiO ₂): Observation of Cd-H Pairs. Crystals, 2022, 12, 756.	1.0	0