Artur W Carbonari

List of Publications by Year
in descending order

143 papers	991 citations	567281 15 h-index	580821 25 g-index
147 all docs	147 docs citations	147 times ranked	683 citing authors

#	Article	IF	Citations
1	Magnetic hyperfine field in the Heusler alloys Co2YZ (Y = V, Nb, Ta, Cr; Z = Al, Ga). Journal of Magnetism and Magnetic Materials, 1996, 163, 313-321.	2.3	105
2	Hyperfine interaction measurements inLaCrO3andLaFeO3perovskites using perturbed angular correlation spectroscopy. Physical Review B, 2001, 63, .	3.2	92
3	Magnetic hyperfine interaction inCeMn2Ge2andCeMn2Si2measured by perturbed angular correlation spectroscopy. Physical Review B, 2004, 69, .	3.2	32
4	Growth of Long ZnO Nanowires with High Density on the ZnO Surface for Gas Sensors. ACS Applied Nano Materials, 2020, 3, 175-185.	5.0	32
5	Delafossite oxidesABO2(A=Ag,Cu;B=Al,Cr,Fe,In,Nd,Y)studied by perturbed-angular-correlation spectroscopy using a111Ag(Î²âˆ’)111Cdprobe. Physical Review B, 1998, 58, 2563-2569.	3.2	25
6	Changes induced by the presence of Zn or Ni impurity at Cu sites in CuAlO2 delafossite. Solid State Communications, 2003, 125, 175-178.	1.9	24
7	Charge distribution and hyperfine interactions in the vicinity of impurity sites in In 2 O 3 doped with Fe, Co, and Ni. Journal of Magnetism and Magnetic Materials, 2015, 387, 165-178.	2.3	24
8	Influence of Cd impurity on the electronic properties of CuAlO2 delafossite: first-principles calculations. Journal of Physics Condensed Matter, 2002, 14, 5517-5528.	1.8	23
9	Properties of Gd2O3 nanoparticles studied by hyperfine interactions and magnetization measurements. AIP Advances, 2016, 6, .	1.3	23
10	Magnetic hyperfine fields in the Heusler alloys Co2 YZ (Y=Sc, Ti, Hf, V, Nb; Z=Al, Ga, Si, Ge, Sn). Hyperfine Interactions, 1993, 80, 971-976.	0.5	21
11	Magnetic hyperfine field at highly diluted Ce impurities in the antiferromagnetic compound GdRh2Si2 studied by perturbed gammaâ€“gamma angular correlation spectroscopy. Journal of Alloys and Compounds, 2012, 515, 44-48.	5.5	21
12	First-principles calculations of hyperfine fields in theCeIn3intermetallic compound. Physical Review B, 2001, 65, .	3.2	19
13	Local investigation of hyperfine interactions in pure and Co-doped ZnO. Journal of Magnetism and Magnetic Materials, 2010, 322, 1195-1197.	2.3	19
14	Investigation of the magnetic hyperfine field at the Y site in the Heusler alloys (Y = Ti,V,Nb,Cr; Z =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	16
15	The effect of hybridization on local magnetic interactions at highly diluted Ce ions in tetragonal intermetallic compounds RERh2Si2(RE=Ce, Pr, Nd, Gd, Tb, Dy). Journal of Physics Condensed Matter, 2012, 24, 416002.	1.8	15
16	In and Cd as defect traps in titanium dioxide. Hyperfine Interactions, 2017, 238, 1.	0.5	15
17	Investigation of Hyperfine Interactions in CeIn3 byTDPAC. Hyperfine Interactions, 2001, 133, 77-81.	0.5	14
18	Local investigation of magnetism at R and In sites in RNiIn (R=Gd, Tb, Dy, Ho) compounds. Journal of Applied Physics, 2007, 101, 09D510.	2.5	14

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19	Dynamic hyperfine interactions in 111In(111Cd)-doped ZnO semiconductor: PAC results supported by ab initio calculations. Physica B: Condensed Matter, 2012, 407, 3121-3124.	2.7	14
20	Ion implantation in titanium dioxide thin films studied by perturbed angular correlations. Journal of Applied Physics, 2017, 121, .	2.5	14
21	Magnetic and transport properties assisted by local distortions in Bi 2 Mn 4 O 10 and Bi 2 Fe 4 O 9 multiferroic compounds. Journal of Alloys and Compounds, 2015, 651, 405-413.	5.5	13
22	Experimental TDPAC and Theoretical DFT Study of Structural, Electronic, and Hyperfine Properties in (¹¹¹In â†’)¹¹¹Cd-Doped SnO₂ Semiconductor: <i>Ab Initio</i> Modeling of the Electron-Capture-Decay After-Effects Phenomenon. Journal of Physical Chemistry C, 2018, 122, 17423-17436.	3.1	13
23	Temperature dependence of electric field gradient in LaCoO3perovskite investigated by perturbed angular correlation spectroscopy. Journal of Physics Condensed Matter, 2005, 17, 6989-6997.	1.8	12
24	High-saturation magnetization in small nanoparticles of Fe3O4 coated with natural oils. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	12
25	Electric quadrupole interactions in nano-structured SnO 2 as measured with PAC spectroscopy. Hyperfine Interactions, 2010, 197, 239-243.	0.5	11
26	Impurities in Magnetic Materials Studied by PAC Spectroscopy. Defect and Diffusion Forum, 0, 311, 39-61.	0.4	11
27	Crystalline and magnetic properties of CoO nanoparticles locally investigated by using radioactive indium tracer. Scientific Reports, 2021, 11, 21028.	3.3	11
28	Influence of electron capture after-effects on the stability of 111In(111Cd)-complexes with organic ligands. Chemical Physics, 2002, 279, 255-263.	1.9	10
29	Study of the effect of disorder on the local magnetism in Heusler alloys. Journal of Applied Physics, 2006, 99, 08J104.	2.5	10
30	TDPAC study of Cd-doped SnO. Hyperfine Interactions, 2007, 178, 37-43.	0.5	10
31	Magnetic field at 140Ce in Dy sites in DyX compounds studied by perturbed angular correlation spectroscopy. Journal of Magnetism and Magnetic Materials, 2008, 320, e478-e480.	2.3	10
32	Effect of Ge substitution for Si on the magnetic hyperfine field in LaMn2Si2 compound measured by perturbed angular correlation spectroscopy with 140Ce as probe nuclei. Journal of Applied Physics, 2013, 113, 17E124.	2.5	10
33	Magnetic behavior of LaMn2(Si(1âˆ’x)Gex)2 compounds characterized by magnetic hyperfine field measurements. Journal of Applied Physics, 2014, 115, 17E124.	2.5	10
34	Synthesis and atomic scale characterization of Er₂O₃nanoparticles: enhancement of magnetic properties and changes in the local structure. Nanotechnology, 2018, 29, 205704.	2.6	9
35	PAC study of dynamic hyperfine interactions at 111In-doped Sc2O3 semiconductor and comparison with ab initio calculations. Hyperfine Interactions, 2010, 197, 199-205.	0.5	8
36	The magnetic behavior of the intermetallic compound NdMn2Ge2 studied by magnetization and hyperfine interactions measurements. Journal of Applied Physics, 2015, 117, 17E304.	2.5	8

#	Article	IF	Citations
37	Title is missing!. , 1999, 120/121, 475-478.		7
38	Investigation of Hyperfine Interactions in GdNiIn Compound. Hyperfine Interactions, 2004, 158, 157-161.	0.5	7
39	Characterization of ZnO and Zn0.95Co0.05O prepared by sol-gel method using PAC spectroscopy. Hyperfine Interactions, 2007, 178, 1-5.	0.5	7
40	Magnetic hyperfine interactions on Cd sites of the rare-earth cadmium compounds<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:mtext>Cd</mml:mtext></mml:mrow><	3.2	7
41	Stable tetragonal phase and magnetic properties of Fe-doped HfO2 nanoparticles. AIP Advances, 2017, 7, 056315.	1.3	7
42	Cd and In-doping in thin film SnO2. Journal of Applied Physics, 2017, 121, 195303.	2.5	7
43	Preparation of In-doped Y2O3 ceramics through a sol-gel process: Effects on the structural and electronic properties. Ceramics International, 2020, 46, 16088-16095.	4.8	7
44	Study of the local magnetic environment in LaMnO3 perovskite by measuring hyperfine interactions. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1639-E1641.	2.3	6
45	TDPAC measurements in pure and Fe-doped In 2 O 3. Hyperfine Interactions, 2013, 221, 105-110.	0.5	6
46	Electric field gradient in nanostructured SnO2 studied by means of PAC spectroscopy using 111Cd or 181Ta as probe nuclei. Hyperfine Interactions, 2013, 221, 129-136.	0.5	6
47	The influence of 1,2-alkanediol on the crystallinity of magnetite nanoparticles. Journal of Magnetism and Magnetic Materials, 2016, 417, 49-55.	2.3	6
48	A method to determine contributions to the hyperfine field at Ce probes in magnetic hosts: Application to Ce impurities at RE sites in REAg (RE = Gd, Tb, Dy, Ho) compounds. Journal of Alloys and Compounds, 2016, 660, 148-158.	5.5	6
49	Substitutional Ta-doping in Y2O3 semiconductor by sol-gel synthesis: experimental and theoretical studies. Semiconductor Science and Technology, 2017, 32, 085010.	2.0	6
50	Structural, magnetic and hyperfine properties of Zr(Cr1â^'Fe)2 hydrides. Journal of Alloys and Compounds, 2003, 356-357, 200-203.	5.5	5
51	The low-temperature magnetism of cerium atoms in CeMn2Si2and CeMn2Ge2compounds. Journal of Physics Condensed Matter, 2004, 16, 6685-6693.	1.8	5
52	Investigation of the Magnetic Hyperfine Field at 140Ce on Gd Sites in GdCo2 Compound. Hyperfine Interactions, 2004, 158, 189-193.	0.5	5
53	A Perturbed-Angular-Correlation Study of Hyperfine Interactions at 181Ta in Î±-Fe2O3. Hyperfine Interactions, 2004, 158, 371-375.	0.5	5
54	Investigation of hyperfine interactions in RMO 3 (R = La, Nd; M = Cr, Fe) antiferromagnetic perovskite oxides using PAC spectroscopy. Hyperfine Interactions, 2007, 178, 45-49.	0.5	5

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55	Investigation of spin transition in GdCoO3 by measuring the electric field gradient at Co sites. Journal of Magnetism and Magnetic Materials, 2008, 320, e32-e35.	2.3	5
56	Study of the magnetic properties of GdZn compound using PAC spectroscopy with 140Ce and 111Cd as probe nuclei. Hyperfine Interactions, 2010, 197, 105-109.	0.5	5
57	Search for Room Temperature Ferromagnetism in Low-Concentration Transition Metal Doped ZnO Nanocrystalline Powders Using a Microscopic Technique. IEEE Transactions on Magnetics, 2010, 46, 1780-1783.	2.1	5
58	Magnetic hyperfine field at Nd sites in NdAg studied by perturbed angular correlation spectroscopy and ab-initio calculations. Journal of Magnetism and Magnetic Materials, 2010, 322, 1130-1133.	2.3	5
59	Magnetic behavior of La-doped Fe3O4 studied by perturbed angular correlation spectroscopy with 111Cd and 140Ce. Journal of Applied Physics, 2015, 117, 17D511.	2.5	5
60	An irradiation rig for neutron transmutation doping of silicon in the IEA-R1 research reactor. Nuclear Instruments & Methods in Physics Research B, 1993, 83, 157-162.	1.4	4
61	X-ray and time differential perturbed angular correlation measurements in ZrCr2 and ZrCr2H3 Laves phase compounds. Journal of Alloys and Compounds, 1995, 224, 60-65.	5.5	4
62	Temperature Dependence of the Magnetic Hyperfine Field at 140Ce on Gd Sites in GdAg Compound. Hyperfine Interactions, 2004, 158, 125-129.	0.5	4
63	Investigation of the magnetic hyperfine field at Gd and In sites in GdTIn (T=Ni, Pd, Cu) compounds. Physica B: Condensed Matter, 2007, 389, 168-171.	2.7	4
64	Hyperfine interactions at R and In sites in RNiIn (R = Gd, Tb, Dy, Ho) compounds measured by perturbed angular correlation spectroscopy. Hyperfine Interactions, 2007, 176, 101-106.	0.5	4
65	The Ce electronic ground state in CeMn2Ge2 determined by 140Ce PAC spectroscopy and electronic structure calculations. Physica B: Condensed Matter, 2007, 389, 73-76.	2.7	4
66	Investigation of hyperfine interactions in GdCrO3 perovskite oxide using PAC spectroscopy. Hyperfine Interactions, 2010, 197, 53-58.	0.5	4
67	Absence of room temperature ferromagnetism in transition metal doped ZnO nanocrystalline powders from PAC spectroscopy. Hyperfine Interactions, 2010, 197, 77-81.	0.5	4
68	Study of hyperfine interactions in GdIn3. Journal of Applied Physics, 2013, 113, 17E133.	2.5	4
69	Hierarchically structured nanowires on and nanosticks in ZnO microtubes. Scientific Reports, 2015, 5, 15128.	3.3	4
70	Incorporation of Cd-Doping in SnO2. Crystals, 2020, 10, 35.	2.2	4
71	Locally symmetric oxygen vacancy around Cd impurities in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeO</mml:mi><mml:mn>2</mml:mn></mml:msub></m Physical Review B, 2021, 104, .	3.2	4
72	Hyperfine Interactions in CeT2Ge2 (T = Mn, Co) Heavy Fermions Compounds Measured by TDPAC. Hyperfine Interactions, 2001, 136/137, 345-349.	0.5	3

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73	Lattice Site Dependence of a Cd Hyperfine Field in Pd2MnSn Heusler Alloy. Hyperfine Interactions, 2001, 133, 71-76.	0.5	3
74	Installation of the IMPAC technique in the Pelletron laboratory. Brazilian Journal of Physics, 2003, 33, 291-293.	1.4	3
75	Electronic structure of the n-type doped AgInO2 and CuAlO2 delafossites: similarities and differences. Brazilian Journal of Physics, 2004, 34, 611-613.	1.4	3
76	Different nature of magnetism at cerium sublattices in CeMn2Si2 and CeMn2Ge2 compounds. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 633-634.	2.3	3
77	Magnetic hyperfine fields at Gd and in sites in GdPdIn compound. Hyperfine Interactions, 2007, 176, 75-79.	0.5	3
78	Characterization of magnetic phase transitions in PrMn2Ge2 compound investigated by magnetization and hyperfine field measurements. AIP Advances, 2017, 7, 056211.	1.3	3
79	Implantation of cobalt in SnO2 thin films studied by TDPAC. AIP Advances, 2017, 7, .	1.3	3
80	Low temperature synthesis of pure and Fe-doped HfSiO4: Determination of Si and Fe fractions by neutron activation analysis. Radiation Physics and Chemistry, 2019, 155, 287-290.	2.8	3
81	Effect of the magnetic impurity on the charge diffusion in highly dilute Ce doped LaMnO3. AIP Advances, 2020, 10, 015223.	1.3	3
82	DFT-based calculations of the magnetic hyperfine interactions at Cd sites in RCd (R = rare earth) compounds with the FP-LAPW ELK code. AIP Advances, 2021, 11, .	1.3	3
83	Magnetic hyperfine field at Hf site in Hf(Fe1-xCox)2 and Hf(Fe1-xCox)2Hy at low Co concentration measured by TDPAC. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1431-1433.	2.3	2
84	PAC Measurements on New Ferromagnetic Compound Pd2TiSn. Hyperfine Interactions, 2001, 133, 83-87.	0.5	2
85	Implantation of 111In-probe Nuclei with Nuclear Reactions 108Pd(6, 7Li, xn)111In using Pelletron Tandem Accelerator: Study of Local Magnetism in Heusler Alloys. Hyperfine Interactions, 2004, 158, 223-227.	0.5	2
86	Magnetic hyperfine fields on 140Ce probes substituting for the rare earth in RCo2 laves phases. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 631-632.	2.3	2
87	Spin transitions of Co ions in RCoO3â€ˆ(R=Gd,Tb) investigated by measuring the electric field gradient at R and Co sites. Journal of Applied Physics, 2008, 103, .	2.5	2
88	Characterization of nanostructured HfO2 films using Perturbed Angular Correlation (PAC) technique. Hyperfine Interactions, 2010, 198, 41-45.	0.5	2
89	Magnetic hyperfine field in antiferromagnetic RGa2 (R = Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho, Er) studied by perturbed angular correlation spectroscopy using Cd111. Journal of Applied Physics, 2013, 113, 17E139.	2.5	2
90	Investigation of the magnetic hyperfine field at R and Zn sites in RZn (Râ€‰=â€‰Gd, Tb, Dy) compounds using perturbed gamma-gamma angular correlation spectroscopy with 140Ce and 111Cd as probe nuclei. Journal of Applied Physics, 2013, 113, 17E136.	2.5	2

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91	Investigation of the local environment of SnO2 in an applied magnetic field. Physica B: Condensed Matter, 2020, 586, 412120.	2.7	2
92	Effects of an external magnetic field on the hyperfine parameters in RE2O3 (RE = Gd, Er) nanoparticles measured by perturbed angular correlation spectroscopy. AIP Advances, 2020, 10, 015039.	1.3	2
93	Magnetic and structural properties of the intermetallic Ce(1â^’x)LaxCrGe3 series of compounds. Physical Review Materials, 2021, 5, .	2.4	2
94	Insights into the aftereffects phenomenon in solids based on DFT and time-differential perturbed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>Î³</mml:mi></mm angular correlation studies in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>111</mml:mn></mml:msup><mml:mi>In</mml:mi></mml:math> <mml:math xmlns:mml="http://	3.2	2
95	Ionic Size Induced Defects in Lead Titanate-Zirconate Perovskite Studied by TDPAC Method. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 1998, 53, 318-322.	1.5	1
96	Study of Hyperfine Fields in CeIn3 by Electronic Structure Calculations. Hyperfine Interactions, 2001, 136/137, 743-747.	0.5	1
97	Measurement of Quadrupole Interactions in LaMO3 (M = Cr, Fe, Co) Perovskites by TDPAC. Hyperfine Interactions, 2001, 136/137, 509-513.	0.5	1
98	Temperature dependence of the magnetic hyperfine field at cerium impurity in Co. Hyperfine Interactions, 2007, 176, 69-73.	0.5	1
99	Investigation of the different nature of magnetic hyperfine fields of Ce probes in Gd and Co matrices. Hyperfine Interactions, 2007, 176, 119-123.	0.5	1
100	Study of hyperfine interactions in the intermetallic compound CePd2Si2 using PAC technique with 111Cd as probe nuclei. Hyperfine Interactions, 2007, 176, 81-85.	0.5	1
101	Temperature dependence of electric field gradient in TbCoO3. Hyperfine Interactions, 2007, 178, 7-11.	0.5	1
102	Hyperfine interaction study of CeRh2Si2 with perturbed Î³-Î³ angular correlation spectroscopy using C111d and C140e probes. Journal of Applied Physics, 2010, 107, 09E141.	2.5	1
103	Structural and magnetic modifications induced by hydrogen atoms occupying interstitial sites in GdNiInH0.5 compound. Journal of Alloys and Compounds, 2012, 545, 63-66.	5.5	1
104	Characterization of nanostructured HfO2 films using RBS and PAC. Nuclear Instruments & Methods in Physics Research B, 2012, 273, 195-198.	1.4	1
105	A weak magnetism observed in SnO2 doped with Fe by means of Perturbed Gamma-Gamma Angular Correlation and MÃ¶ssbauer Spectroscopy. Physics Procedia, 2012, 28, 90-94.	1.2	1
106	Study of electric quadrupole interactions at 111Cd on Zn sites in RZn (R = Ce, Gd, Tb, Dy) compounds using the PAC spectroscopy. Hyperfine Interactions, 2013, 221, 59-64.	0.5	1
107	Cd Hyperfine Interactions in DNA Bases and DNA of Mouse Strains Infected with <i>Trypanosoma cruzi</i> Investigated by Perturbed Angular Correlation Spectroscopy and <i>ab Initio</i> Calculations. Biochemistry, 2014, 53, 3446-3456.	2.5	1
108	Hyperfine field at Mn in the intermetallic compound LaMnSi2 measured by PAC using 111Cd nuclear probe. Hyperfine Interactions, 2015, 231, 95-99.	0.5	1

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109	Mapping the magnetic hyperfine field in GdCo5. AIP Advances, 2016, 6, .	1.3	1
110	Magnetic interactions at Ce impurities in REMn2Ge2 (REÂ=ÂLa, Ce, Pr, Nd) compounds. Physica B: Condensed Matter, 2018, 536, 137-141.	2.7	1
111	Magnetic field at Ce impurities in La sites of La0.5Ba0.5MnO3 double perovskites. AIP Advances, 2019, 9, .	1.3	1
112	Local inspection of magnetic properties in GdMnIn by measuring hyperfine interactions. AIP Advances, 2021, 11, .	1.3	1
113	Synthesis and characterization of Fe3O4-HfO2 nanoparticles by hyperfine interactions measurements. AIP Advances, 2021, 11, .	1.3	1
114	TDPAC study of Cd-doped SnO. , 2008, , 283-289.		1
115	Magnetic phase diagram of the solid solution LaMn2(Ge1â^'xSix)2 (0â€‰â‰â€‰xâ€‰â‰â€‰1) unraveled by powder neutron diffraction. Scientific Reports, 2022, 12, .	3.3	1
116	Temperature Dependence of the Hyperfine Magnetic Field at 140Ce in Orthorhombic Tb3In5. Hyperfine Interactions, 2004, 158, 205-209.	0.5	0
117	Measurement of Quadrupole Interactions in La1 â^' x Sr x CoO3 Perovskites Using TDPAC Technique. Hyperfine Interactions, 2004, 158, 401-405.	0.5	0
118	Fitting PAC spectra with a hybrid algorithm. Hyperfine Interactions, 2008, 181, 127-130.	0.5	0
119	Structural and magnetic properties and hyperfine interaction in La 3.5 Ru 4 O 13 compound. Physica B: Condensed Matter, 2009, 404, 3116-3118.	2.7	0
120	Temperature dependence of the electric field gradient at181Ta in nanostructured HfO2film. Journal of Physics: Conference Series, 2010, 249, 012051.	0.4	0
121	Study of hyperfine interactions in pure and Co-doped CeO2 nanoparticles by PAC spectroscopy using 111Cd. Hyperfine Interactions, 2010, 197, 233-237.	0.5	0
122	Experimental evidences of the conservation of the Sâ€‰=â€‰1 moment in La2RuO5 determined by perturbed angular correlations. Journal of Applied Physics, 2012, 112, 063915.	2.5	0
123	Study of hyperfine interactions in the tetragonal GdRh2Si2 using PAC spectroscopy. Hyperfine Interactions, 2013, 221, 53-58.	0.5	0
124	Anomalous behavior of the magnetic hyperfine field at 140Ce impurities at La sites in LaMnSi2. AIP Advances, 2018, 8, 055702.	1.3	0
125	Electric Field Gradient at Nb Site in the Intermetallic Compounds Nb3X (X = Al, In, Si, Ge, Sn) Measured by PAC. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2000, 55, 41-44.	1.5	0
126	Time Differential Perturbed AngularÎ³Î³-Correlation Studies of Diethylenetriaminepentaacetic Acid Complexes with111In and111mCd. Acta Physica Polonica A, 2001, 100, 799-805.	0.5	0

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127	Temperature Dependence of the Hyperfine Magnetic Field at 140Ce in Orthorhombic Tb3In5. , 2005, , 205-209.		0
128	Temperature dependence of the magnetic hyperfine field at cerium impurity in Co. , 2008, , 69-73.		0
129	Magnetic hyperfine fields at Gd and in sites in GdPdIn compound. , 2008, , 75-79.		0
130	Study of hyperfine interactions in the intermetallic compound CePd2Si2 using PAC technique with 111Cd as probe nuclei. , 2008, , 81-85.		0
131	Temperature dependence of electric field gradient in TbCoO3. , 2008, , 253-257.		0
132	Investigation of hyperfine interactions in RMO3 (R =La, Nd; M =Cr, Fe) antiferromagnetic perovskite oxides using PAC spectroscopy. , 2008, , 291-295.		0
133	Study of the magnetic properties of GdZn compound using PAC spectroscopy with 140Ce and 111Cd as probe nuclei. , 2010, , 105-109.		0
134	Electric quadrupole interactions in nano-structured SnO 2 as measured with PAC spectroscopy. , 2010, , 239-243.		0
135	Absence of room temperature ferromagnetism in transition metal doped ZnO nanocrystalline powders from PAC spectroscopy. , 2010, , 77-81.		0
136	Investigation of hyperfine interactions in GdCrO3 perovskite oxide using PAC spectroscopy. , 2010, , 53-58.		0
137	Study of hyperfine interactions in the tetragonal GdRh2Si2 using PAC spectroscopy. , 2012, , 147-152.		0
138	Electric field gradient in nanostructured SnO2 studied by means of PAC spectroscopy using 111Cd or 181Ta as probe nuclei. , 2012, , 223-230.		0
139	Temperature Dependence of the Magnetic Hyperfine Field at 140Ce on Gd Sites in GdAg Compound. , 2005, , 125-129.		0
140	Investigation of Hyperfine Interactions in GdNiIn Compound. , 2005, , 157-161.		0
141	Implantation of 111In-probe Nuclei with Nuclear Reactions 108Pd(6,7Li, xn)111In using Pelletron Tandem Accelerator: Study of Local Magnetism in Heusler Alloys. , 2005, , 223-227.		0
142	Measurement of Quadrupole Interactions in La1â˘’x SrxCoO3 Perovskites Using TDPAC Technique. , 2005, , 401-405.		0
143	The effect of Er doping on local structure of magnetite nanoparticles. Hyperfine Interactions, 2021, 242, 1.	0.5	0