

Artur W Carbonari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4549782/publications.pdf>

Version: 2024-02-01

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	into the aftereffects phenomenon in solids based on DFT and time-differential perturbed angular correlation studies in LaMnO_3 . Scientific Reports, 2022, 12, .	3.2	2
2	Magnetic phase diagram of the solid solution $\text{LaMn}_2(\text{Ge}_{1-x}\text{Si}_x)_2$ ($0 \leq x \leq 1$) unraveled by powder neutron diffraction. Scientific Reports, 2022, 12, .	3.3	1
3	Local inspection of magnetic properties in GdMnIn by measuring hyperfine interactions. AIP Advances, 2021, 11, .	1.3	1
4	Synthesis and characterization of Fe_3O_4 - HfO_2 nanoparticles by hyperfine interactions measurements. AIP Advances, 2021, 11, .	1.3	1
5	DFT-based calculations of the magnetic hyperfine interactions at Cd sites in RCd ($R = \text{rare earth}$) compounds with the FP-LAPW ELK code. AIP Advances, 2021, 11, .	1.3	3
6	Locally symmetric oxygen vacancy around Cd impurities in CeO_2 . Physical Review B, 2021, 104, .		
7	Crystalline and magnetic properties of CoO nanoparticles locally investigated by using radioactive indium tracer. Scientific Reports, 2021, 11, 21028.	3.3	11
8	The effect of Er doping on local structure of magnetite nanoparticles. Hyperfine Interactions, 2021, 242, 1.	0.5	0
9	Magnetic and structural properties of the intermetallic $\text{Ce}_{(1-x)}\text{La}_x\text{CrGe}_3$ series of compounds. Physical Review Materials, 2021, 5, .	2.4	2
10	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
11	Preparation of In-doped Y_2O_3 ceramics through a sol-gel process: Effects on the structural and electronic properties. Ceramics International, 2020, 46, 16088-16095.	4.8	7
12	High-saturation magnetization in small nanoparticles of Fe_3O_4 coated with natural oils. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	12
13	Investigation of the local environment of SnO_2 in an applied magnetic field. Physica B: Condensed Matter, 2020, 586, 412120.	2.7	2
14	Incorporation of Cd-Doping in SnO_2 . Crystals, 2020, 10, 35.	2.2	4
15	Effects of an external magnetic field on the hyperfine parameters in RE_2O_3 ($\text{RE} = \text{Gd, Er}$) nanoparticles measured by perturbed angular correlation spectroscopy. AIP Advances, 2020, 10, 015039.	1.3	2
16	Effect of the magnetic impurity on the charge diffusion in highly dilute Ce doped LaMnO_3 . AIP Advances, 2020, 10, 015223.	1.3	3
17	Low temperature synthesis of pure and Fe-doped HfSiO_4 : Determination of Si and Fe fractions by neutron activation analysis. Radiation Physics and Chemistry, 2019, 155, 287-290.	2.8	3
18	Magnetic field at Ce impurities in La sites of $\text{La}_{0.5}\text{Ba}_{0.5}\text{MnO}_3$ double perovskites. AIP Advances, 2019, 9, .	1.3	1

#	ARTICLE	IF	CITATIONS
19	Synthesis and atomic scale characterization of Er ₂ O ₃ nanoparticles: enhancement of magnetic properties and changes in the local structure. Nanotechnology, 2018, 29, 205704.	2.6	9
20	Magnetic interactions at Ce impurities in REMn ₂ Ge ₂ (RE=La, Ce, Pr, Nd) compounds. Physica B: Condensed Matter, 2018, 536, 137-141.	2.7	1
21	Anomalous behavior of the magnetic hyperfine field at ¹⁴⁰ Ce impurities at La sites in LaMnSi ₂ . AIP Advances, 2018, 8, 055702.	1.3	0
22	Experimental TDPAC and Theoretical DFT Study of Structural, Electronic, and Hyperfine Properties in ¹¹¹ In- ¹¹¹ Cd-Doped SnO ₂ 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	Characterization of magnetic phase transitions in PrMn ₂ Ge ₂ compound investigated by magnetization and hyperfine field measurements. AIP Advances, 2017, 7, 056211.	1.3	3
24	Stable tetragonal phase and magnetic properties of Fe-doped HfO ₂ nanoparticles. AIP Advances, 2017, 7, 056315.	1.3	7
25	Ion implantation in titanium dioxide thin films studied by perturbed angular correlations. Journal of Applied Physics, 2017, 121, .	2.5	14
26	Implantation of cobalt in SnO ₂ thin films studied by TDPAC. AIP Advances, 2017, 7, .	1.3	3
27	Cd and In-doping in thin film SnO ₂ . Journal of Applied Physics, 2017, 121, 195303.	2.5	7
28	In and Cd as defect traps in titanium dioxide. Hyperfine Interactions, 2017, 238, 1.	0.5	15
29	Substitutional Ta-doping in Y ₂ O ₃ semiconductor by sol-gel synthesis: experimental and theoretical studies. Semiconductor Science and Technology, 2017, 32, 085010.	2.0	6
30	Properties of Gd ₂ O ₃ nanoparticles studied by hyperfine interactions and magnetization measurements. AIP Advances, 2016, 6, .	1.3	23
31	Mapping the magnetic hyperfine field in GdCo ₅ . AIP Advances, 2016, 6, .	1.3	1
32	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
33	Magnetic hyperfine interactions on Cd sites of the rare-earth cadmium compounds $R\text{Cd}$	3.2	7
34	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
35	Hierarchically structured nanowires on and nanosticks in ZnO microtubes. Scientific Reports, 2015, 5, 15128.	3.3	4
36	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

#	ARTICLE	IF	CITATIONS
37	Hyperfine field at Mn in the intermetallic compound LaMnSi ₂ measured by PAC using ¹¹¹ Cd nuclear probe. <i>Hyperfine Interactions</i> , 2015, 231, 95-99.	0.5	1
38	Magnetic and transport properties assisted by local distortions in Bi ₂ Mn ₄ O ₁₀ and Bi ₂ Fe ₄ O ₉ multiferroic compounds. <i>Journal of Alloys and Compounds</i> , 2015, 651, 405-413.	5.5	13
39	Magnetic behavior of La-doped Fe ₃ O ₄ studied by perturbed angular correlation spectroscopy with ¹¹¹ Cd and ¹⁴⁰ Ce. <i>Journal of Applied Physics</i> , 2015, 117, 17D511.	2.5	5
40	The magnetic behavior of the intermetallic compound NdMn ₂ Ge ₂ studied by magnetization and hyperfine interactions measurements. <i>Journal of Applied Physics</i> , 2015, 117, 17E304.	2.5	8
41	Magnetic behavior of LaMn ₂ (Si(1-x)Gex) ₂ compounds characterized by magnetic hyperfine field measurements. <i>Journal of Applied Physics</i> , 2014, 115, 17E124.	2.5	10
42	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. <i>Biochemistry</i> , 2014, 53, 3446-3456.	2.5	1
43	Magnetic hyperfine field in antiferromagnetic RGa ₂ (R = Ce, Pr, Nd, Sm, Gd, Tb, Dy, Ho, Er) studied by perturbed angular correlation spectroscopy using ¹¹¹ Cd. <i>Journal of Applied Physics</i> , 2013, 113, 17E139.	2.5	2
44	TDPAC measurements in pure and Fe-doped In ₂ O ₃ . <i>Hyperfine Interactions</i> , 2013, 221, 105-110.	0.5	6
45	Electric field gradient in nanostructured SnO ₂ studied by means of PAC spectroscopy using ¹¹¹ Cd or ¹⁸¹ Ta as probe nuclei. <i>Hyperfine Interactions</i> , 2013, 221, 129-136.	0.5	6
46	Study of hyperfine interactions in the tetragonal GdRh ₂ Si ₂ using PAC spectroscopy. <i>Hyperfine Interactions</i> , 2013, 221, 53-58.	0.5	0
47	Study of electric quadrupole interactions at ¹¹¹ Cd on Zn sites in RZn (R = Ce, Gd, Tb, Dy) compounds using the PAC spectroscopy. <i>Hyperfine Interactions</i> , 2013, 221, 59-64.	0.5	1
48	Investigation of the magnetic hyperfine field at R and Zn sites in RZn (R = Gd, Tb, Dy) compounds using perturbed gamma-gamma angular correlation spectroscopy with ¹⁴⁰ Ce and ¹¹¹ Cd as probe nuclei. <i>Journal of Applied Physics</i> , 2013, 113, 17E136.	2.5	2
49	Effect of Ge substitution for Si on the magnetic hyperfine field in LaMn ₂ Si ₂ compound measured by perturbed angular correlation spectroscopy with ¹⁴⁰ Ce as probe nuclei. <i>Journal of Applied Physics</i> , 2013, 113, 17E124.	2.5	10
50	Study of hyperfine interactions in GdIn ₃ . <i>Journal of Applied Physics</i> , 2013, 113, 17E133.	2.5	4
51	The effect of hybridization on local magnetic interactions at highly diluted Ce ions in tetragonal intermetallic compounds RERh ₂ Si ₂ (RE=Ce, Pr, Nd, Gd, Tb, Dy). <i>Journal of Physics Condensed Matter</i> , 2012, 24, 416002.	1.8	15
52	Experimental evidences of the conservation of the S = 1 moment in La ₂ RuO ₅ determined by perturbed angular correlations. <i>Journal of Applied Physics</i> , 2012, 112, 063915.	2.5	0
53	Structural and magnetic modifications induced by hydrogen atoms occupying interstitial sites in GdNiInH _{0.5} compound. <i>Journal of Alloys and Compounds</i> , 2012, 545, 63-66.	5.5	1
54	Dynamic hyperfine interactions in ¹¹¹ In(¹¹¹ Cd)-doped ZnO semiconductor: PAC results supported by <i>ab initio</i> calculations. <i>Physica B: Condensed Matter</i> , 2012, 407, 3121-3124.	2.7	14

#	ARTICLE	IF	CITATIONS
55	Magnetic hyperfine field at highly diluted Ce impurities in the antiferromagnetic compound GdRh ₂ Si ₂ studied by perturbed gamma-gamma angular correlation spectroscopy. Journal of Alloys and Compounds, 2012, 515, 44-48.	5.5	21
56	Characterization of nanostructured HfO ₂ films using RBS and PAC. Nuclear Instruments & Methods in Physics Research B, 2012, 273, 195-198.	1.4	1
57	A weak magnetism observed in SnO ₂ doped with Fe by means of Perturbed Gamma-Gamma Angular Correlation and Mössbauer Spectroscopy. Physics Procedia, 2012, 28, 90-94.	1.2	1
58	Study of hyperfine interactions in the tetragonal GdRh ₂ Si ₂ using PAC spectroscopy. , 2012, , 147-152.		0
59	Electric field gradient in nanostructured SnO ₂ studied by means of PAC spectroscopy using ¹¹¹ Cd or ¹⁸¹ Ta as probe nuclei. , 2012, , 223-230.		0
60	Temperature dependence of the electric field gradient at ¹⁸¹ Ta in nanostructured HfO ₂ film. Journal of Physics: Conference Series, 2010, 249, 012051.	0.4	0
61	Investigation of hyperfine interactions in GdCrO ₃ perovskite oxide using PAC spectroscopy. Hyperfine Interactions, 2010, 197, 53-58.	0.5	4
62	PAC study of dynamic hyperfine interactions at ¹¹¹ In-doped Sc ₂ O ₃ semiconductor and comparison with ab initio calculations. Hyperfine Interactions, 2010, 197, 199-205.	0.5	8
63	Absence of room temperature ferromagnetism in transition metal doped ZnO nanocrystalline powders from PAC spectroscopy. Hyperfine Interactions, 2010, 197, 77-81.	0.5	4
64	Study of hyperfine interactions in pure and Co-doped CeO ₂ nanoparticles by PAC spectroscopy using ¹¹¹ Cd. Hyperfine Interactions, 2010, 197, 233-237.	0.5	0
65	Electric quadrupole interactions in nano-structured SnO ₂ as measured with PAC spectroscopy. Hyperfine Interactions, 2010, 197, 239-243.	0.5	11
66	Study of the magnetic properties of GdZn compound using PAC spectroscopy with ¹⁴⁰ Ce and ¹¹¹ Cd as probe nuclei. Hyperfine Interactions, 2010, 197, 105-109.	0.5	5
67	Characterization of nanostructured HfO ₂ films using Perturbed Angular Correlation (PAC) technique. Hyperfine Interactions, 2010, 198, 41-45.	0.5	2
68	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
69	Local investigation of hyperfine interactions in pure and Co-doped ZnO. Journal of Magnetism and Magnetic Materials, 2010, 322, 1195-1197.	2.3	19
70	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
71	Hyperfine interaction study of CeRh ₂ Si ₂ with perturbed $\hat{I}^3\hat{I}^3$ angular correlation spectroscopy using ¹¹¹ Cd and ¹⁴⁰ Ce probes. Journal of Applied Physics, 2010, 107, 09E141.	2.5	1
72	Study of the magnetic properties of GdZn compound using PAC spectroscopy with ¹⁴⁰ Ce and ¹¹¹ Cd as probe nuclei. , 2010, , 105-109.		0

#	ARTICLE	IF	CITATIONS
73	Electric quadrupole interactions in nano-structured SnO ₂ as measured with PAC spectroscopy. , 2010, , 239-243.		0
74	Absence of room temperature ferromagnetism in transition metal doped ZnO nanocrystalline powders from PAC spectroscopy. , 2010, , 77-81.		0
75	Investigation of hyperfine interactions in GdCrO ₃ perovskite oxide using PAC spectroscopy. , 2010, , 53-58.		0
76	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
77	Fitting PAC spectra with a hybrid algorithm. Hyperfine Interactions, 2008, 181, 127-130.	0.5	0
78	Investigation of spin transition in GdCoO ₃ by measuring the electric field gradient at Co sites. Journal of Magnetism and Magnetic Materials, 2008, 320, e32-e35.	2.3	5
79	Magnetic field at ¹⁴⁰ Ce 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
80	Spin transitions of Co ions in RCoO ₃ (R=Gd,Tb) investigated by measuring the electric field gradient at R and Co sites. Journal of Applied Physics, 2008, 103, .	2.5	2
81	TDPAC study of Cd-doped SnO ₂ . , 2008, , 283-289.		1
82	Temperature dependence of the magnetic hyperfine field at cerium impurity in Co. , 2008, , 69-73.		0
83	Magnetic hyperfine fields at Gd and In sites in GdPdIn compound. , 2008, , 75-79.		0
84	Study of hyperfine interactions in the intermetallic compound CePd ₂ Si ₂ using PAC technique with ¹¹¹ Cd as probe nuclei. , 2008, , 81-85.		0
85	Temperature dependence of electric field gradient in TbCoO ₃ . , 2008, , 253-257.		0
86	Investigation of hyperfine interactions in RMO ₃ (R =La, Nd; M =Cr, Fe) antiferromagnetic perovskite oxides using PAC spectroscopy. , 2008, , 291-295.		0
87	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
88	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
89	Temperature dependence of the magnetic hyperfine field at cerium impurity in Co. Hyperfine Interactions, 2007, 176, 69-73.	0.5	1
90	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

#	ARTICLE	IF	CITATIONS
91	Investigation of the different nature of magnetic hyperfine fields of Ce probes in Gd and Co matrices. <i>Hyperfine Interactions</i> , 2007, 176, 119-123.	0.5	1
92	Magnetic hyperfine fields at Gd and in sites in GdPdIn compound. <i>Hyperfine Interactions</i> , 2007, 176, 75-79.	0.5	3
93	Study of hyperfine interactions in the intermetallic compound CePd ₂ Si ₂ using PAC technique with ¹¹¹ Cd as probe nuclei. <i>Hyperfine Interactions</i> , 2007, 176, 81-85.	0.5	1
94	Characterization of ZnO and Zn _{0.95} Co _{0.05} O prepared by sol-gel method using PAC spectroscopy. <i>Hyperfine Interactions</i> , 2007, 178, 1-5.	0.5	7
95	Temperature dependence of electric field gradient in TbCoO ₃ . <i>Hyperfine Interactions</i> , 2007, 178, 7-11.	0.5	1
96	TDPAC study of Cd-doped SnO. <i>Hyperfine Interactions</i> , 2007, 178, 37-43.	0.5	10
97	Investigation of hyperfine interactions in RMO ₃ (R = La, Nd; M = Cr, Fe) antiferromagnetic perovskite oxides using PAC spectroscopy. <i>Hyperfine Interactions</i> , 2007, 178, 45-49.	0.5	5
98	The Ce electronic ground state in CeMn ₂ Ge ₂ determined by ¹⁴⁰ Ce PAC spectroscopy and electronic structure calculations. <i>Physica B: Condensed Matter</i> , 2007, 389, 73-76.	2.7	4
99	Study of the effect of disorder on the local magnetism in Heusler alloys. <i>Journal of Applied Physics</i> , 2006, 99, 08J104.	2.5	10
100	Temperature dependence of electric field gradient in LaCoO ₃ perovskite investigated by perturbed angular correlation spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 6989-6997.	1.8	12
101	Temperature Dependence of the Hyperfine Magnetic Field at ¹⁴⁰ Ce in Orthorhombic Tb ₃ In ₅ . , 2005, , 205-209.		0
102	Temperature Dependence of the Magnetic Hyperfine Field at ¹⁴⁰ Ce on Gd Sites in GdAg Compound. , 2005, , 125-129.		0
103	Investigation of Hyperfine Interactions in GdNiIn Compound. , 2005, , 157-161.		0
104	Implantation of ¹¹¹ In-probe Nuclei with Nuclear Reactions ¹⁰⁸ Pd(6,7Li, xn) ¹¹¹ In using Pelletron Tandem Accelerator: Study of Local Magnetism in Heusler Alloys. , 2005, , 223-227.		0
105	Measurement of Quadrupole Interactions in La ^{1-x} Sr _x CoO ₃ Perovskites Using TDPAC Technique. , 2005, , 401-405.		0
106	Electronic structure of the n-type doped AgInO ₂ and CuAlO ₂ delafossites: similarities and differences. <i>Brazilian Journal of Physics</i> , 2004, 34, 611-613.	1.4	3
107	Magnetic hyperfine interaction in CeMn ₂ Ge ₂ and CeMn ₂ Si ₂ measured by perturbed angular correlation spectroscopy. <i>Physical Review B</i> , 2004, 69, .	3.2	32
108	The low-temperature magnetism of cerium atoms in CeMn ₂ Si ₂ and CeMn ₂ Ge ₂ compounds. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 6685-6693.	1.8	5

#	ARTICLE	IF	CITATIONS
109	Study of the local magnetic environment in LaMnO ₃ perovskite by measuring hyperfine interactions. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1639-E1641.	2.3	6
110	Temperature Dependence of the Magnetic Hyperfine Field at ¹⁴⁰ Ce on Gd Sites in GdAg Compound. Hyperfine Interactions, 2004, 158, 125-129.	0.5	4
111	Investigation of the Magnetic Hyperfine Field at ¹⁴⁰ Ce on Gd Sites in GdCo ₂ Compound. Hyperfine Interactions, 2004, 158, 189-193.	0.5	5
112	Investigation of Hyperfine Interactions in GdNiIn Compound. Hyperfine Interactions, 2004, 158, 157-161.	0.5	7
113	Temperature Dependence of the Hyperfine Magnetic Field at ¹⁴⁰ Ce in Orthorhombic Tb ₃ In ₅ . Hyperfine Interactions, 2004, 158, 205-209.	0.5	0
114	Implantation of ¹¹¹ In-probe Nuclei with Nuclear Reactions ¹⁰⁸ Pd(6, ⁷ Li, xn) ¹¹¹ In using Pelletron Tandem Accelerator: Study of Local Magnetism in Heusler Alloys. Hyperfine Interactions, 2004, 158, 223-227.	0.5	2
115	A Perturbed-Angular-Correlation Study of Hyperfine Interactions at ¹⁸¹ Ta in $\hat{\pm}$ -Fe ₂ O ₃ . Hyperfine Interactions, 2004, 158, 371-375.	0.5	5
116	Measurement of Quadrupole Interactions in La _{1-x} Sr _x CoO ₃ Perovskites Using TDPAC Technique. Hyperfine Interactions, 2004, 158, 401-405.	0.5	0
117	Magnetic hyperfine fields on ¹⁴⁰ Ce probes substituting for the rare earth in RCo ₂ laves phases. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 631-632.	2.3	2
118	Different nature of magnetism at cerium sublattices in CeMn ₂ Si ₂ and CeMn ₂ Ge ₂ compounds. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 633-634.	2.3	3
119	Changes induced by the presence of Zn or Ni impurity at Cu sites in CuAlO ₂ delafossite. Solid State Communications, 2003, 125, 175-178.	1.9	24
120	Structural, magnetic and hyperfine properties of Zr(Cr _{1-x} Fe _x) ₂ hydrides. Journal of Alloys and Compounds, 2003, 356-357, 200-203.	5.5	5
121	Installation of the IMPAC technique in the Pelletron laboratory. Brazilian Journal of Physics, 2003, 33, 291-293.	1.4	3
122	Influence of Cd impurity on the electronic properties of CuAlO ₂ delafossite: first-principles calculations. Journal of Physics Condensed Matter, 2002, 14, 5517-5528.	1.8	23
123	Influence of electron capture after-effects on the stability of ¹¹¹ In(¹¹¹ Cd)-complexes with organic ligands. Chemical Physics, 2002, 279, 255-263.	1.9	10
124	First-principles calculations of hyperfine fields in the CeIn ₃ intermetallic compound. Physical Review B, 2001, 65, .	3.2	19
125	Hyperfine interaction measurements in LaCrO ₃ and LaFeO ₃ perovskites using perturbed angular correlation spectroscopy. Physical Review B, 2001, 63, .	3.2	92
126	Hyperfine Interactions in CeT ₂ Ge ₂ (T = Mn, Co) Heavy Fermions Compounds Measured by TDPAC. Hyperfine Interactions, 2001, 136/137, 345-349.	0.5	3

#	ARTICLE	IF	CITATIONS
127	Study of Hyperfine Fields in CeIn ₃ by Electronic Structure Calculations. <i>Hyperfine Interactions</i> , 2001, 136/137, 743-747.	0.5	1
128	Measurement of Quadrupole Interactions in LaMO ₃ (M = Cr, Fe, Co) Perovskites by TDPAC. <i>Hyperfine Interactions</i> , 2001, 136/137, 509-513.	0.5	1
129	Investigation of Hyperfine Interactions in CeIn ₃ by TDPAC. <i>Hyperfine Interactions</i> , 2001, 133, 77-81.	0.5	14
130	Lattice Site Dependence of a Cd Hyperfine Field in Pd ₂ MnSn Heusler Alloy. <i>Hyperfine Interactions</i> , 2001, 133, 71-76.	0.5	3
131	PAC Measurements on New Ferromagnetic Compound Pd ₂ TiSn. <i>Hyperfine Interactions</i> , 2001, 133, 83-87.	0.5	2
132	Time Differential Perturbed Angular Correlation Studies of Diethylenetriaminepentaacetic Acid Complexes with ¹¹¹ In and ¹¹¹ mCd. <i>Acta Physica Polonica A</i> , 2001, 100, 799-805.	0.5	0
133	Electric Field Gradient at Nb Site in the Intermetallic Compounds Nb ₃ X (X = Al, In, Si, Ge, Sn) Measured by PAC. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2000, 55, 41-44.	1.5	0
134	Title is missing!. , 1999, 120/121, 475-478.		7
135	Magnetic hyperfine field at Hf site in Hf(Fe _{1-x} Co _x) ₂ and Hf(Fe _{1-x} Co _x) ₂ Hy at low Co concentration measured by TDPAC. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 177-181, 1431-1433.	2.3	2
136	Delafossite oxides ABO ₂ (A=Ag, Cu; B=Al, Cr, Fe, In, Nd, Y) studied by perturbed-angular-correlation spectroscopy using a ¹¹¹ Ag (¹²⁵ Ag) ¹¹¹ Cd probe. <i>Physical Review B</i> , 1998, 58, 2563-2569.	3.2	25
137	Ionic Size Induced Defects in Lead Titanate-Zirconate Perovskite Studied by TDPAC Method. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 1998, 53, 318-322.	1.5	1
138	Magnetic hyperfine field in the Heusler alloys Co ₂ YZ (Y = V, Nb, Ta, Cr; Z = Al, Ga). <i>Journal of Magnetism and Magnetic Materials</i> , 1996, 163, 313-321.	2.3	105
139	Investigation of the magnetic hyperfine field at the Y site in the Heusler alloys (Y = Ti, V, Nb, Cr; Z = Tj) ETQq1 1 0.784314 rgBT / Overlo	1.8	16
140	X-ray and time differential perturbed angular correlation measurements in ZrCr ₂ and ZrCr ₂ H ₃ Laves phase compounds. <i>Journal of Alloys and Compounds</i> , 1995, 224, 60-65.	5.5	4
141	An irradiation rig for neutron transmutation doping of silicon in the IEA-R1 research reactor. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993, 83, 157-162.	1.4	4
142	Magnetic hyperfine fields in the Heusler alloys Co ₂ YZ (Y=Sc, Ti, Hf, V, Nb; Z=Al, Ga, Si, Ge, Sn). <i>Hyperfine Interactions</i> , 1993, 80, 971-976.	0.5	21
143	Impurities in Magnetic Materials Studied by PAC Spectroscopy. <i>Defect and Diffusion Forum</i> , 0, 311, 39-61.	0.4	11