

Katarzyna ReÄko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7921160/publications.pdf>

Version: 2024-02-01

45
papers

374
citations

1040056

9
h-index

888059

17
g-index

45
all docs

45
docs citations

45
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat capacity anomaly near magnetic phase transition in GaFeO ₃ . Journal of Magnetism and Magnetic Materials, 2022, 548, 168978.	2.3	2
2	Titanium matrix composites reinforced with biogenic filler. Scientific Reports, 2022, 12, .	3.3	5
3	Investigation of the Structure and Corrosion Resistance of Novel High-Entropy Alloys for Potential Biomedical Applications. Materials, 2022, 15, 3938.	2.9	7
4	Mössbauer measurements of GaFeO ₃ single crystal multiferroic. Hyperfine Interactions, 2021, 242, 1.	0.5	1
5	Crystal and magnetic structures, magnetic and ferroelectric properties of strontium ferrite partially substituted with in ions. Journal of Alloys and Compounds, 2020, 821, 153412.	5.5	98
6	Magnetic and ferroelectric properties, crystal and magnetic structures of SrFe _{11.9} In _{0.1} O ₁₉ . Physica Scripta, 2020, 95, 044006.	2.5	5
7	Magnetism of Surface-Modified and Gallium-Doped Magnetite Particles. Journal of Surface Investigation, 2020, 14, S85-S92.	0.5	6
8	Fretting and Fretting Corrosion Processes of Ti6Al4V Implant Alloy in Simulated Oral Cavity Environment. Materials, 2020, 13, 1561.	2.9	7
9	Phase composition and magnetism of sol-gel synthesized Ga-Fe-O nanograins. Phase Transitions, 2018, 91, 128-139.	1.3	6
10	Properties of Ga-Doped Magnetite Nanoparticles. Acta Physica Polonica A, 2018, 134, 998-1002.	0.5	7
11	Determination of hyperfine fields and atomic ordering in NiMnFeGe exhibiting martensitic transformation. Nukleonika, 2015, 60, 127-131.	0.8	3
12	Multiferroic properties of GFO ferrite nanoparticles. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s97-s97.	0.1	0
13	Reconstruction of the Exchange Integrals Map of ScFe ₄ Al ₈ Magnetic Structure. Acta Physica Polonica A, 2015, 127, 424-426.	0.5	0
14	Magnetic anisotropy in the incommensurate ScFe ₄ Al ₈ system. Journal of Magnetism and Magnetic Materials, 2015, 388, 82-89.	2.3	1
15	Electrical and Magnetic Properties of Selected Fe-Based High Entropy Alloys. Acta Physica Polonica A, 2014, 126, 999-1004.	0.5	4
16	Characterization of fretting products between austenitic and martensitic stainless steels using Mössbauer and X-ray techniques. Wear, 2013, 300, 90-95.	3.1	5
17	Electric and Magnetic Properties of bcc Fe Based Multicomponent Alloys. Journal of the Physical Society of Japan, 2012, 81, 064715.	1.6	4
18	Magnetic and structural properties of Fe _{3-x} Cr _x Al _{0.5} Si _{0.5} . Journal of Physics: Conference Series, 2012, 340, 012070.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Magnetic Moments and Hyperfine Parameters of Fe _{3-x} Cr _x Al _{0.5} Si _{0.5} . Journal of the Physical Society of Japan, 2012, 81, 044713.	1.6	5
20	Site preference and magnetism of Fe _{3-x} Cr _x Al _{0.5} Si _{0.5} . Journal of Magnetism and Magnetic Materials, 2012, 324, 2442-2451.	2.3	3
21	The Magnetic Properties of GaFeO ₃ by Neutron Diffraction and Mössbauer Spectroscopy. Acta Physica Polonica A, 2012, 122, 396-399.	0.5	6
22	Structural and magnetic properties of Sc _{1.1} Fe _{3.9} Al ₈ alloy. Journal of Magnetism and Magnetic Materials, 2011, 323, 1860-1867.	2.3	4
23	Effect of Annealing in Multicomponent bcc Alloys. Acta Physica Polonica A, 2011, 119, 62-64.	0.5	3
24	The method of invariants in ⁵⁷ Fe Mössbauer spectroscopy on selected examples. Journal of Physics: Conference Series, 2010, 217, 012010.	0.4	3
25	Cr ₃ Si doped by Co studied by muon spin relaxation and scanning electron microscopy techniques. Journal of Alloys and Compounds, 2010, 498, 5-12.	5.5	19
26	Formation of a Partially Oxidized Gold Compound by Electrolytic Oxidation of the Solvoluminescent Gold(I) Trimer, Au ₃ (MeNâ•C ₂ O ₂) ₃ . Inorganic Chemistry, 2009, 48, 1551-1558.	4.0	14
27	Hyperfine Interactions of ⁵⁷ Fe in Pt ₃ Fe - Ab Initio and Mössbauer Effect Studies. Acta Physica Polonica A, 2009, 115, 197-199.	0.5	1
28	Variations in the crystalline deposits formed upon electrochemical oxidation of the anions, [Ir(CO) ₂ X ₂] ^{â•} (X = Cl, Br, and I). Electrochimica Acta, 2008, 53, 7288-7297.	5.2	6
29	¹ / ₄ SR study of Co doped Cr ₃ Si. Journal of Alloys and Compounds, 2007, 442, 213-215.	5.5	4
30	Magnetic phase transitions in ScFe ₄ Al ₈ by powder and single crystal neutron diffraction. Phase Transitions, 2007, 80, 575-586.	1.3	5
31	Remarkable solvent effect on the structure and electrochemical properties of [M(bipyridyl) ₃](ClO ₄) ₃ (M=Co, Fe and Ru) films. Electrochimica Acta, 2006, 51, 4544-4553.	5.2	8
32	Modulated magnetic structure of ScFe ₄ Al ₈ by X-ray, neutron powder diffraction and Mössbauer effect. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 764-766.	2.3	1
33	Magnetic properties of Cr ₃ Si doped Fe and Co. Physica Status Solidi A, 2003, 196, 260-262.	1.7	6
34	Magnetic properties of ThFe _x Al _{12-x} alloys. Physica Status Solidi A, 2003, 196, 344-347.	1.7	9
35	Magnetic properties of ThFe _x Al _{12-x} powder samples. Acta Crystallographica Section A: Foundations and Advances, 2002, 58, c181-c181.	0.3	0
36	Magnetism of the UFe _x Al _{12-x} alloys. Journal of Alloys and Compounds, 2002, 334, 58-67.	5.5	11

#	ARTICLE	IF	CITATIONS
37	Magnetism of UFe_4Al_{8+x} ($x=0.4, 0.4\%$) intermetallics. Journal of Alloys and Compounds, 2001, 323-324, 531-533.	5.5	5
38	Debye temperatures and magnetic structures of $UFexAl_{12-x}$ ($3.6 \leq x \leq 5$) intermetallic alloys. Physica B: Condensed Matter, 2000, 276-278, 566-567.	2.7	4
39	Mössbauer and magnetic studies of $Fe_3Al_{1-x}Co_x$. Journal of Magnetism and Magnetic Materials, 2000, 210, 150-162.	2.3	21
40	Projected iron moments in UFe_4Al_8 investigated with monochromatic polarized Mössbauer radiation. Journal of Physics Condensed Matter, 1999, 11, 6451-6461.	1.8	11
41	Friction-Free Mechanical Grinder. Materials Science Forum, 1997, 235-238, 223-230.	0.3	4
42	The crystal and magnetic structures of intermetallic compounds. Journal of Physics Condensed Matter, 1997, 9, 9541-9553.	1.8	27
43	Structural and magnetic properties of $Fe-Cr-Al$ alloys with DO ₃ -type structure. Journal of Magnetism and Magnetic Materials, 1997, 169, 240-252.	2.3	25
44	The crystal and magnetic structures of $UFexAl_{12-x}$ alloys. Physica B: Condensed Matter, 1997, 234-236, 696-697.	2.7	7
45	Investigation of Electronic Structure of $Zn_{1-x}Mg_x$ Mixed Crystals by Compton Spectroscopy Method. Acta Physica Polonica A, 1996, 90, 907-910.	0.5	0