

Joanna Klimontko

List of Publications by Year in descending order

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20
papers

237
citations

1040056

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363
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxide passivated Ni-supported Ru nanoparticles in silica: A new catalyst for low-temperature carbon dioxide methanation. <i>Applied Catalysis B: Environmental</i> , 2017, 206, 16-23.	20.2	49
2	Photofunctionalization of dental zirconia oxide: Surface modification to improve bio-integration preserving crystal stability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 194-202.	5.0	37
3	Nano silica and molybdenum supported Re, Rh, Ru or Ir nanoparticles for selective solvent-free glycerol conversion to cyclic acetals with propanone and butanone under mild conditions. <i>Applied Catalysis B: Environmental</i> , 2017, 202, 335-345.	20.2	24
4	Ultra-high coercivity of (Fe ₈₆ x Nb x B ₁₄) _{0.88} Tb _{0.12} bulk nanocrystalline magnets. <i>Acta Materialia</i> , 2015, 98, 318-326.	7.9	22
5	X-ray and Thermal Analysis of Selected Drugs Containing Acetaminophen. <i>Molecules</i> , 2020, 25, 5909.	3.8	21
6	Nano-Ru Supported on Ni Nanowires for Low-Temperature Carbon Dioxide Methanation. <i>Catalysts</i> , 2020, 10, 513.	3.5	17
7	Phase structure and magnetic properties of Fe-Nb-B-Tb type of bulk nanocrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2012, 537, 154-158.	5.5	16
8	Industrial wastewater treatment wastes used as oxygen carriers in energy generation processes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4247-4260.	3.6	13
9	Characterization of multiferroic PbFe _{0.5} Nb _{0.5} O ₃ and PbFe _{0.5} Ta _{0.5} O ₃ ceramics derived from citrate polymeric precursors. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1296-1308.	3.8	9
10	Influence of Transition and Rare Earth Elements on Magnetic Properties of Fe-Nb-B-M (M = Ni, Ag, Gd,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	8
11	Catalytic Gas-Phase Glycerol Processing over SiO ₂ -, Cu-, Ni- and Fe- Supported Au Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0142668.	2.5	4
12	High coercivity in Fe-Nb-B-Dy bulk nanocrystalline magnets. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2954-2958.	1.8	4
13	Effect of Tb/Y substitution on structural and magnetic properties of Fe-Nb-B-Tb type of high-coercive alloys. <i>Journal of Alloys and Compounds</i> , 2019, 784, 794-799.	5.5	4
14	The Usefulness of X-ray Diffraction and Thermal Analysis to Study Dietary Supplements Containing Iron. <i>Molecules</i> , 2022, 27, 197.	3.8	4
15	Phase Structure and Magnetic Properties of Fe-Nb-B-Pt Type of Bulk Nanocrystalline Alloys. <i>Acta Physica Polonica A</i> , 2014, 126, 174-175.	0.5	2
16	Size Effect of Hard Magnetic Properties of Fe-Nb-B-Tb Milled Alloys. <i>Acta Physica Polonica A</i> , 2018, 133, 645-647.	0.5	2
17	A Study of Catalytic Oxidation of a Library of C ₂ to C ₄ Alcohols in the Presence of Nanogold. <i>Nanomaterials</i> , 2019, 9, 442.	4.1	1
18	Influence of cooling rate on structural and magnetic properties of (Fe ₇₈ Nb ₈ B ₁₄) _{1-x} Tb _x alloys. <i>AIP Advances</i> , 2017, 7, 056235.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Influence of Dissolving Fe-Nb-Dy Alloys in Zirconium on Phase Structure, Microstructure and Magnetic Properties. <i>Materials</i> , 2021, 14, 2526.	2.9	0
20	High temperature transformation of iron-bearing minerals in basalt: Mössbauer spectroscopy studies. <i>Mineralogia</i> , 2022, 53, 10-19.	0.8	0