

Lukasz Hawelek

List of Publications by Citations

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29
papers

366
citations

11
h-index

18
g-index

30
ext. papers

459
ext. citations

3.4
avg, IF

3.5
L-index

#	Paper	IF	Citations
29	Structure and optical properties of Fe ₃ O ₄ nanoparticles synthesized by co-precipitation method with different organic modifiers. <i>Materials Characterization</i> , 2017 , 131, 148-156	3.9	78
28	Dielectric and electromagnetic interference shielding properties of high entropy (Zn,Fe,Ni,Mg,Cd)FeO ferrite. <i>Scientific Reports</i> , 2019 , 9, 20078	4.9	51
27	Effect of cryogrinding on chemical stability of the sparingly water-soluble drug furosemide. <i>Pharmaceutical Research</i> , 2011 , 28, 3220-36	4.5	34
26	Cleavage and size reduction of graphite crystal using ultrasound radiation. <i>Carbon</i> , 2013 , 55, 53-61	10.4	33
25	Magnetocaloric properties and exchange bias effect in Al for Sn substituted Ni ₄₈ Mn _{39.5} Sn _{12.5} Heusler alloy ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 358-359, 142-148	2.8	21
24	Conversion of Natural Tannin to Hydrothermal and Graphene-Like Carbons Studied by Wide-Angle X-ray Scattering. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 8692-701	2.8	19
23	A pulsed neutron diffraction study of the topological defects presence in carbon nanohorns. <i>Chemical Physics Letters</i> , 2011 , 502, 87-91	2.5	18
22	Carbon Molecular Sieves: Reconstruction of Atomistic Structural Models with Experimental Constraints. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 12996-13007	3.8	17
21	The atomic scale structure of graphene powder studied by neutron and X-ray diffraction. <i>Journal of Applied Crystallography</i> , 2015 , 48, 1429-1436	3.8	12
20	Short-range order in Fe-based metallic glasses: Wide-angle X-ray scattering studies. <i>Journal of Solid State Chemistry</i> , 2014 , 219, 179-184	3.3	12
19	Magneto-structural transformations in Ni ₅₀ Mn _{37.5} Sn _{12.5} Heusler powders. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 412, 123-131	2.8	12
18	Temperature- and Pressure-Induced Structural Changes of Cobalt(II) in a Phosphonium-Based Ionic Liquid. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 10156-10161	3.8	10
17	Thermodynamic approach for determining chemical composition of Fe-Co based amorphous alloys with high thermal stability and glass forming ability. <i>Journal of Alloys and Compounds</i> , 2018 , 763, 141-152	5.7	9
16	The Effect of a Multiphase Microstructure on the Inverse Magnetocaloric Effect in NiMnCrSn Metamagnetic Heusler Alloys. <i>Magnetochemistry</i> , 2017 , 3, 24	3.1	7
15	Structure and magnetic properties of ultrafine superparamagnetic Sn-doped magnetite nanoparticles synthesized by glycol assisted co-precipitation method. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 145, 109530	3.9	5
14	Influence of Cu Content on Structure and Magnetic Properties in FeCuB Alloys. <i>Materials</i> , 2020 , 13,	3.5	5
13	Impact of cobalt content on the crystallization pattern in the Finemet-type ribbons. <i>Journal of Alloys and Compounds</i> , 2014 , 615, S203-S207	5.7	4

12	High-pressure crystallization of 1-methyl-3-trimethylsilylmethylimidazolium tetrafluoroborate ionic liquid. <i>Chemical Physics Letters</i> , 2012 , 546, 150-152	2.5	4
11	Influence of Cu Content on Structure, Thermal Stability and Magnetic Properties in FeNiNbCuSiB Alloys. <i>Materials</i> , 2021 , 14,	3.5	4
10	Influence of copper addition and heat treatment parameters on nanocrystallization process of Fe-Co-Mo-B-Si amorphous ribbons with high saturation magnetization about 1.6 T. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 496, 165951	2.8	3
9	Magnetocaloric Properties of MnFePAsGe (0 ≤ x ≤ 1) Compounds. <i>Materials</i> , 2017 , 10,	3.5	2
8	The Structure and Magnetic Properties of Rapidly Quenched FeNiNbSiB Alloy. <i>Materials</i> , 2020 , 14,	3.5	2
7	Effect of Co Substitution on Crystallization and Magnetic Behavior of FeCoCuB Metallic Glass. <i>Materials</i> , 2020 , 13,	3.5	1
6	Fe-Co-B Soft Magnetic Ribbons: Crystallization Process, Microstructure and Coercivity. <i>Materials</i> , 2020 , 13,	3.5	1
5	Magnetic moments and exchange splitting in Mn3s and Mn2p core levels of magnetocaloric Mn _{1.1} Fe _{0.9} P _{0.6} As _{0.4} and Mn _{1.1} Fe _{0.9} P _{0.5} As _{0.4} Si _{0.1} compounds. <i>Physica B: Condensed Matter</i> , 2018 , 549, 127-132	2.8	1
4	Active Carbon Modified by Rhenium Species as a Perspective Supercapacitor Electrode. <i>Electrochem</i> , 2020 , 1, 278-285	2.9	0
3	Magneto-Structural Properties of Multielement Ni _{1-x} Co _x Mn ₂ B Heusler Bulk Alloys. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018 , 215, 1800358	1.6	0
2	Lead Electrodeposition from Triethylenetetramine Solution Containing Inhibitors. <i>Metals</i> , 2021 , 11, 1330.	3	0
1	Band Structure Calculations for (Ni _{1-x} Cu _x) ₂ MnGa Heusler Alloys. <i>Solid State Phenomena</i> , 2012 , 194, 262-265	2.6	0