Lukasz Hawelek

List of Publications by Year
in descending order

30	580	758635 12	610482 24
papers	citations	h-index	g-index

30	30	30	842
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and optical properties of Fe 3 O 4 nanoparticles synthesized by co-precipitation method with different organic modifiers. Materials Characterization, 2017, 131, 148-156.	1.9	149
2	Dielectric and electromagnetic interference shielding properties of high entropy (Zn,Fe,Ni,Mg,Cd)Fe2O4 ferrite. Scientific Reports, 2019, 9, 20078.	1.6	108
3	Effect of Cryogrinding on Chemical Stability of the Sparingly Water-Soluble Drug Furosemide. Pharmaceutical Research, 2011, 28, 3220-3236.	1.7	42
4	Cleavage and size reduction of graphite crystal using ultrasound radiation. Carbon, 2013, 55, 53-61.	5.4	40
5	Magnetocaloric properties and exchange bias effect in Al for Sn substituted Ni48Mn39.5Sn12.5 Heusler alloy ribbons. Journal of Magnetism and Magnetic Materials, 2014, 358-359, 142-148.	1.0	23
6	Conversion of Natural Tannin to Hydrothermal and Graphene-Like Carbons Studied by Wide-Angle X-ray Scattering. Journal of Physical Chemistry A, 2015, 119, 8692-8701.	1.1	22
7	A pulsed neutron diffraction study of the topological defects presence in carbon nanohorns. Chemical Physics Letters, 2011, 502, 87-91.	1.2	21
8	Carbon Molecular Sieves: Reconstruction of Atomistic Structural Models with Experimental Constraints. Journal of Physical Chemistry C, 2014, 118, 12996-13007.	1.5	21
9	Thermodynamic approach for determining chemical composition of Fe-Co based amorphous alloys with high thermal stability and glass forming ability. Journal of Alloys and Compounds, 2018, 763, 141-152.	2.8	19
10	The atomic scale structure of graphene powder studied by neutron and X-ray diffraction. Journal of Applied Crystallography, 2015, 48, 1429-1436.	1.9	18
11	Magneto-structural transformations in Ni50Mn37.5Sn12.5âˆ’In Heusler powders. Journal of Magnetism and Magnetic Materials, 2016, 412, 123-131.	1.0	13
12	Structure and magnetic properties of ultrafine superparamagnetic Sn-doped magnetite nanoparticles synthesized by glycol assisted co-precipitation method. Journal of Physics and Chemistry of Solids, 2020, 145, 109530.	1.9	13
13	Short-range order in Fe-based metallic glasses: Wide-angle X-ray scattering studies. Journal of Solid State Chemistry, 2014, 219, 179-184.	1.4	12
14	Temperature- and Pressure-Induced Structural Changes of Cobalt(II) in a Phosphonium-Based Ionic Liquid. Journal of Physical Chemistry C, 2016, 120, 10156-10161.	1.5	11
15	Influence of Cu Content on Structure and Magnetic Properties in Fe86-xCuxB14 Alloys. Materials, 2020, 13, 1451.	1.3	11
16	The Effect of a Multiphase Microstructure on the Inverse Magnetocaloric Effect in Niâ€“Mnâ€“Crâ€“Sn Metamagnetic Heusler Alloys. Magnetochemistry, 2017, 3, 24.	1.0	8
17	Influence of copper addition and heat treatment parameters on nanocrystallization process of Fe-Co-Mo-B-Si amorphous ribbons with high saturation magnetization about 1.6â€ T. Journal of Magnetism and Magnetic Materials, 2020, 496, 165951.	1.0	8
18	Influence of Cu Content on Structure, Thermal Stability and Magnetic Properties in Fe72âˆ’xNi8Nb4CuxSi2B14 Alloys. Materials, 2021, 14, 726.	1.3	8

#	Article	IF	Citations
19	Impact of cobalt content on the crystallization pattern in the Finemet-type ribbons. Journal of Alloys and Compounds, 2014, 615, S203-S207.	2.8	7
20	The Structure and Magnetic Properties of Rapidly Quenched Fe72Ni8Nb4Si2B14 Alloy. Materials, 2021, 14, 5.	1.3	7
21	High-pressure crystallization of 1-methyl-3-trimethylsilylmethylimidazolium tetrafluoroborate ionic liquid. Chemical Physics Letters, 2012, 546, 150-152.	1.2	5
22	Effect of Co Substitution on Crystallization and Magnetic Behavior of Fe85.45â˜'xCoxCu0.55B14 Metallic Glass. Materials, 2020, 13, 919.	1.3	5
23	Magnetocaloric Properties of Mn1.1Fe0.9P0.5As0.5â˜'xGex (0 â‰¤ x â‰¤ 0.1) Compounds. Materials, 2017, 10, 529.	1.3	2
24	Active Carbon Modified by Rhenium Species as a Perspective Supercapacitor Electrode. Electrochem, 2020, 1, 278-285.	1.7	2
25	Magnetic moments and exchange splitting in Mn3s and Mn2p core levels of magnetocaloric Mn1.1Fe0.9P0.6As0.4 and Mn1.1Fe0.9P0.5As0.4Si0.1 compounds. Physica B: Condensed Matter, 2018, 549, 127-132.	1.3	1
26	Magnetoâ€Structural Properties of Multielement Niâ€“Cuâ€“Coâ€“Mnâ€“Sn Heusler Bulk Alloys. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800358.	0.8	1
27	Fe-Co-B Soft Magnetic Ribbons: Crystallization Process, Microstructure and Coercivity. Materials, 2020, 13, 1639.	1.3	1
28	Lead Electrodeposition from Triethylenetetramine Solution Containing Inhibitors. Metals, 2021, 11, 1330.	1.0	1
29	Lead electrodeposition from aliphatic polyamines solutions. SN Applied Sciences, 2022, 4, .	1.5	1
30	Band Structure Calculations for (Ni_{1-X}Cu_x)₂MnGa Heusler Alloys. Solid State Phenomena, 0, 194, 262-265.	0.3	0