

# Lukasz Hawelek

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Influence of Cu Content on Structure, Thermal Stability and Magnetic Properties in FeNiNbCuSiB Alloys. <i>Materials</i> , <b>2021</b> , 14,	3.5	4
28	Lead Electrodeposition from Triethylenetetramine Solution Containing Inhibitors. <i>Metals</i> , <b>2021</b> , 11, 1330.	2.3	0
27	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> , <b>2020</b> , 145, 109530	3.9	5
26	Influence of Cu Content on Structure and Magnetic Properties in FeCuB Alloys. <i>Materials</i> , <b>2020</b> , 13,	3.5	5
25	Effect of Co Substitution on Crystallization and Magnetic Behavior of FeCoCuB Metallic Glass. <i>Materials</i> , <b>2020</b> , 13,	3.5	1
24	The Structure and Magnetic Properties of Rapidly Quenched FeNiNbSiB Alloy. <i>Materials</i> , <b>2020</b> , 14,	3.5	2
23	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> , <b>2020</b> , 496, 165951	2.8	3
22	Active Carbon Modified by Rhenium Species as a Perspective Supercapacitor Electrode. <i>Electrochem</i> , <b>2020</b> , 1, 278-285	2.9	0
21	Fe-Co-B Soft Magnetic Ribbons: Crystallization Process, Microstructure and Coercivity. <i>Materials</i> , <b>2020</b> , 13,	3.5	1
20	Dielectric and electromagnetic interference shielding properties of high entropy (Zn,Fe,Ni,Mg,Cd)FeO ferrite. <i>Scientific Reports</i> , <b>2019</b> , 9, 20078	4.9	51
19	Magnetic moments and exchange splitting in Mn3s and Mn2p core levels of magnetocaloric Mn <sub>1.1</sub> Fe <sub>0.9</sub> P <sub>0.6</sub> As <sub>0.4</sub> and Mn <sub>1.1</sub> Fe <sub>0.9</sub> P <sub>0.5</sub> As <sub>0.4</sub> Si <sub>0.1</sub> compounds. <i>Physica B: Condensed Matter</i> , <b>2018</b> , 549, 127-132	2.8	1
18	Magneto-Structural Properties of Multielement NiCuCoMnBn Heusler Bulk Alloys. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2018</b> , 215, 1800358	1.6	0
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> , <b>2018</b> , 763, 141-152	5.7	9
16	Magnetocaloric Properties of MnFePAsGe (0 ≤ x ≤ 1) Compounds. <i>Materials</i> , <b>2017</b> , 10,	3.5	2
15	Structure and optical properties of Fe <sub>3</sub> O <sub>4</sub> nanoparticles synthesized by co-precipitation method with different organic modifiers. <i>Materials Characterization</i> , <b>2017</b> , 131, 148-156	3.9	78
14	The Effect of a Multiphase Microstructure on the Inverse Magnetocaloric Effect in NiMnCrBn Metamagnetic Heusler Alloys. <i>Magnetochemistry</i> , <b>2017</b> , 3, 24	3.1	7
13	Temperature- and Pressure-Induced Structural Changes of Cobalt(II) in a Phosphonium-Based Ionic Liquid. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 10156-10161	3.8	10

12	Magneto-structural transformations in Ni <sub>50</sub> Mn <sub>37.5</sub> Sn <sub>12.5</sub> Heusler powders. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 412, 123-131	2.8	12
11	The atomic scale structure of graphene powder studied by neutron and X-ray diffraction. <i>Journal of Applied Crystallography</i> , <b>2015</b> , 48, 1429-1436	3.8	12
10	Conversion of Natural Tannin to Hydrothermal and Graphene-Like Carbons Studied by Wide-Angle X-ray Scattering. <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 8692-701	2.8	19
9	Magnetocaloric properties and exchange bias effect in Al for Sn substituted Ni <sub>48</sub> Mn <sub>39.5</sub> Sn <sub>12.5</sub> Heusler alloy ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2014</b> , 358-359, 142-148	2.8	21
8	Carbon Molecular Sieves: Reconstruction of Atomistic Structural Models with Experimental Constraints. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 12996-13007	3.8	17
7	Short-range order in Fe-based metallic glasses: Wide-angle X-ray scattering studies. <i>Journal of Solid State Chemistry</i> , <b>2014</b> , 219, 179-184	3.3	12
6	Impact of cobalt content on the crystallization pattern in the Finemet-type ribbons. <i>Journal of Alloys and Compounds</i> , <b>2014</b> , 615, S203-S207	5.7	4
5	Cleavage and size reduction of graphite crystal using ultrasound radiation. <i>Carbon</i> , <b>2013</b> , 55, 53-61	10.4	33
4	High-pressure crystallization of 1-methyl-3-trimethylsilylmethylimidazolium tetrafluoroborate ionic liquid. <i>Chemical Physics Letters</i> , <b>2012</b> , 546, 150-152	2.5	4
3	Band Structure Calculations for (Ni <sub>1-x</sub> Cu <sub>x</sub> ) <sub>2</sub> MnGa Heusler Alloys. <i>Solid State Phenomena</i> , <b>2012</b> , 194, 262-265	2.5	4
2	Effect of cryogrinding on chemical stability of the sparingly water-soluble drug furosemide. <i>Pharmaceutical Research</i> , <b>2011</b> , 28, 3220-36	4.5	34
1	A pulsed neutron diffraction study of the topological defects presence in carbon nanohorns. <i>Chemical Physics Letters</i> , <b>2011</b> , 502, 87-91	2.5	18