

Beata Kalska-Szostko

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5436184/beata-kalska-szostko-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

20
papers

225
citations

7
h-index

14
g-index

24
ext. papers

275
ext. citations

3.5
avg, IF

3.08
L-index

#	Paper	IF	Citations
20	Small noncytotoxic carbon nano-onions: first covalent functionalization with biomolecules. <i>Chemistry - A European Journal</i> , 2010 , 16, 4870-80	4.8	61
19	Thermal treatment of magnetite nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1385-96	3	37
18	Melanin-Like Pigment Synthesis by Soil <i>Bacillus weihenstephanensis</i> Isolates from Northeastern Poland. <i>PLoS ONE</i> , 2015 , 10, e0125428	3.7	35
17	Gold-functionalized magnetic nanoparticles restrict growth of <i>Pseudomonas aeruginosa</i> . <i>International Journal of Nanomedicine</i> , 2014 , 9, 2217-24	7.3	29
16	Heavy-metal detectors based on modified ferrite nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 762-770	3	10
15	Magnetic nanowires (Fe, Fe-Co, Fe-Ni) –magnetic moment reorientation in respect of wires composition. <i>Nukleonika</i> , 2015 , 60, 63-67	1	9
14	Characterization of ferrite nanoparticles for preparation of biocomposites. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 1257-1265	3	9
13	Modified ferrite core-shell nanoparticles magneto-structural characterization. <i>Applied Surface Science</i> , 2018 , 444, 161-167	6.7	7
12	Importance of Surfactant Quantity and Quality on Growth Regime of Iron Oxide Nanoparticles. <i>Materials</i> , 2020 , 13,	3.5	6
11	Synthesis and characterization of modified magnetic nanoparticles as theranostic agents: in vitro safety assessment in healthy cells. <i>Toxicology in Vitro</i> , 2021 , 72, 105094	3.6	5
10	Modulation of iron–nickel layers composition by an external magnetic field. <i>Chemical Engineering Communications</i> , 2019 , 206, 804-814	2.2	3
9	The Effect of a Substrate Material on Composition Gradients of Fe-Ni Films obtained by Electrodeposition. <i>Scientific Reports</i> , 2020 , 10, 1029	4.9	3
8	Carbon coating of air-sensitive insulating transition metal fluorides: An example study on Li_3FeF_6 high-performance cathode for lithium ion batteries. <i>Journal of Materials Science and Technology</i> , 2020 , 55, 107-115	9.1	3
7	α Phase of iron oxide out of thermally treated magnetite nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 497, 165999	2.8	3
6	Structure of iron ions in some acetone based electrolytes. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 2190-4	2.8	2
5	Determination of hyperfine fields and atomic ordering in NiMnFeGe exhibiting martensitic transformation. <i>Nukleonika</i> , 2015 , 60, 127-131	1	2
4	Influence of Atomic Doping on Thermal Stability of Ferrite Nanoparticles-Structural and Magnetic Studies. <i>Materials</i> , 2020 , 14,	3.5	1

- | | | | |
|---|--|-----|---|
| 3 | Ferrite Core-Shell Nanoparticles Synthesized by Seed-Based Method Characterization and Potential Application. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018 , 215, 1700901 | 1.6 | o |
| 2 | The Influence of the Substrate and External Magnetic Field Orientation on FeNi Film Growth. <i>Energies</i> , 2022 , 15, 3520 | 3.1 | o |
| 1 | Studies of Fretting Processes in Titanium Implantation Alloys from the Ti-Al-V Group. <i>Key Engineering Materials</i> , 2016 , 687, 98-105 | 0.4 | |