

Junli Zhang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6544957/junli-zhang-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.

40
papers

919
citations

16
h-index

30
g-index

40
ext. papers

1,172
ext. citations

8
avg. IF

4.15
L-index

#	Paper	IF	Citations
40	Enhanced gas sensing performance of electrospun Pt-functionalized NiO nanotubes with chemical and electronic sensitization. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 7410-6	9.5	147
39	Multidirection Piezoelectricity in Mono- and Multilayered Hexagonal HgSe. <i>ACS Nano</i> , 2018 , 12, 4976-4983	16.7	133
38	Synthesis and enhanced microwave absorption properties of Ni@Ni ₂ O ₃ core-shell particles. <i>Journal of Alloys and Compounds</i> , 2013 , 567, 21-25	5.7	71
37	BaFe ₁₂ O ₁₉ single-particle-chain nanofibers: preparation, characterization, formation principle, and magnetization reversal mechanism. <i>ACS Nano</i> , 2012 , 6, 2273-80	16.7	68
36	Unique magnetic properties and magnetization reversal process of CoFe ₂ O ₄ nanotubes fabricated by electrospinning. <i>Nanoscale</i> , 2012 , 4, 3932-6	7.7	64
35	New Organic Complex for Lithium Layered Oxide Modification: Ultrathin Coating, High-Voltage, and Safety Performances. <i>ACS Energy Letters</i> , 2019 , 4, 656-665	20.1	59
34	Co@Co ₃ O ₄ core-shell three-dimensional nano-network for high-performance electrochemical energy storage. <i>Small</i> , 2014 , 10, 2618-24	11	46
33	Wire-in-tube structure fabricated by single capillary electrospinning via nanoscale Kirkendall effect: the case of nickel-zinc ferrite. <i>Nanoscale</i> , 2013 , 5, 12551-7	7.7	36
32	Nanoscale characterization and magnetic reversal mechanism investigation of electrospun NiFe ₂ O ₄ multi-particle-chain nanofibres. <i>Nanoscale</i> , 2012 , 4, 2754-9	7.7	34
31	Interfacial Model Deciphering High-Voltage Electrolytes for High Energy Density, High Safety, and Fast-Charging Lithium-Ion Batteries. <i>Advanced Materials</i> , 2021 , 33, e2102964	24	33
30	Low-Temperature Electrolyte Design for Lithium-Ion Batteries: Prospect and Challenges. <i>Chemistry - A European Journal</i> , 2021 , 27, 15842-15865	4.8	25
29	Energizing Fe ₂ O ₃ -based supercapacitors with tunable surface pseudocapacitance via physical spatial-confining strategy. <i>Chemical Engineering Journal</i> , 2021 , 406, 126875	14.7	24
28	Direct observation of cation distributions of ideal inverse spinel CoFeO nanofibres and correlated magnetic properties. <i>Nanoscale</i> , 2017 , 9, 7493-7500	7.7	20
27	Direct Observation of Magnetocrystalline Anisotropy Tuning Magnetization Configurations in Uniaxial Magnetic Nanomaterials. <i>ACS Nano</i> , 2018 , 12, 3442-3448	16.7	20
26	Solvent effect on electrospinning of nanotubes: The case of magnesium ferrite. <i>Journal of Alloys and Compounds</i> , 2013 , 577, 97-102	5.7	19
25	Electrolyte Issues in Lithium-Sulfur Batteries: Development, Prospect, and Challenges. <i>Energy & Fuels</i> , 2021 , 35, 10405-10427	4.1	17
24	Improvement of microwave-absorbing properties of Co ₂ Z barium ferrite composite by coating Ag nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014 , 615, 749-753	5.7	12

23	Metal Catalyst to Construct Carbon Nanotubes Networks on Metal Oxide Microparticles towards Designing High-Performance Electrode for High-Voltage Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2009122	15.6	10
22	Unveiling the Origin of Multidomain Structures in Compositionally Modulated Cylindrical Magnetic Nanowires. <i>ACS Nano</i> , 2020 , 14, 12819-12827	16.7	9
21	Direct observation of dynamical magnetization reversal process governed by shape anisotropy in single NiFeO nanowire. <i>Nanoscale</i> , 2018 , 10, 10123-10129	7.7	8
20	The improvement of high-frequency magnetic properties in oriented hcp-Co78Ir22 soft magnetic films fabricated at high substrate temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 406, 118-122	2.8	8
19	A Coulomb explosion strategy to tailor the nano-architecture of β -MoO nanobelts and an insight into its intrinsic mechanism. <i>Nanoscale</i> , 2018 , 10, 8285-8291	7.7	7
18	New Insight into the Mechanism of Multivalent Ion Hybrid Supercapacitor: From the Effect of Potential Window Viewpoint. <i>Small</i> , 2020 , 16, e2003403	11	7
17	Weak antilocalization effect and high-pressure transport properties of ScPdBi single crystal. <i>Applied Physics Letters</i> , 2019 , 115, 172407	3.4	7
16	Atomic-scale imaging of the ferrimagnetic/diamagnetic interface in Au-FeO nanodimers and correlated exchange-bias origin. <i>Nanoscale</i> , 2018 , 10, 21499-21508	7.7	7
15	Interfacial scattering effect on anomalous Hall effect in Ni/Au multilayers. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 235002	3	4
14	The magnetization reversal mechanism in electrospun tubular nickel ferrite: a chain-of-rings model for symmetric fanning. <i>Nanoscale</i> , 2019 , 11, 13824-13831	7.7	3
13	Skew scattering dominated anomalous Hall effect in Co (MgO) granular thin films. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 415802	1.8	3
12	Strategic harmonization of surface charge distribution with tunable redox radical for high-performing MnO ₂ -based supercapacitor. <i>Electrochimica Acta</i> , 2021 , 375, 137979	6.7	3
11	Hydrogen atom induced magnetic behaviors in two-dimensional materials: insight on origination in the model of β -MoO. <i>Nanoscale</i> , 2018 , 10, 14100-14106	7.7	3
10	Topological electronic state and anisotropic Fermi surface in half-Heusler GdPtBi. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 355707	1.8	2
9	Interfacial scattering effect on anisotropic magnetoresistance and anomalous Hall effect in Ta/Fe multilayers. <i>AIP Advances</i> , 2018 , 8, 055813	1.5	2
8	Micromagnetic Configuration of Variable Nanostructured Cobalt Ferrite: Modulating and Simulations toward Memory Devices. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 28442-28448	9.5	2
7	Bottom-up nanoarchitectures of semiconductor nano-building blocks obtained via a controllable in situ SEM-FIB thermal soldering method. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8707-8713	7.1	2
6	Microstructure and magnetic anisotropy of electrospun Cu _{1-x} Zn _x Fe ₂ O ₄ nanofibres: a local probe study. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 445304	3	2

5	Frontispiece: Low-Temperature Electrolyte Design for Lithium-Ion Batteries: Prospect and Challenges. <i>Chemistry - A European Journal</i> , 2021 , 27,	4.8	1
4	Superconductivity and High-Pressure Performance of 2D MoC Crystals. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 2219-2225	6.4	1
3	Synthesis and Microwave Absorption Properties of CoZr Barium Ferrite by Salt-Molten Method. <i>Advanced Materials Research</i> , 2010 , 160-162, 957-961	0.5	
2	The Faraday rotation angle of Ni nanowire arrays: its dependence on photon energy and nanowire size. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 8561-7	1.3	
1	Modulation of Weyl semimetal state in half-Heusler GdPtBi enabled by hydrostatic pressure. <i>New Journal of Physics</i> , 2021 , 23, 083041	2.9	