

Alba Garzn-Manjn

List of Publications by Citations

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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.

22
papers

464
citations

12
h-index

21
g-index

23
ext. papers

621
ext. citations

8.1
avg, IF

3.66
L-index

#	Paper	IF	Citations
22	Discovery of a Multinary Noble Metal-Free Oxygen Reduction Catalyst. <i>Advanced Energy Materials</i> , 2018 , 8, 1802269	21.8	131
21	Toward a Paradigm Shift in Electrocatalysis Using Complex Solid Solution Nanoparticles. <i>ACS Energy Letters</i> , 2019 , 4, 1206-1214	20.1	81
20	Epitaxial YBa ₂ Cu ₃ O _{7-x} nanocomposite thin films from colloidal solutions. <i>Superconductor Science and Technology</i> , 2015 , 28, 124007	3.1	43
19	Sodium enhances indium-gallium interdiffusion in copper indium gallium diselenide photovoltaic absorbers. <i>Nature Communications</i> , 2018 , 9, 826	17.4	34
18	Water oxidation electrocatalysis using ruthenium coordination oligomers adsorbed on multiwalled carbon nanotubes. <i>Nature Chemistry</i> , 2020 , 12, 1060-1066	17.6	27
17	Controlling the Amorphous and Crystalline State of Multinary Alloy Nanoparticles in An Ionic Liquid. <i>Nanomaterials</i> , 2018 , 8,	5.4	23
16	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography. <i>PLoS ONE</i> , 2020 , 15, e0227920	3.7	19
15	Fluorescence enhancement induced by the interaction of silver nanoclusters with lead ions in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 579, 123634	5.1	14
14	Synthesis, microstructure, and hardness of rapidly solidified Cu-Cr alloys. <i>Journal of Alloys and Compounds</i> , 2019 , 794, 203-209	5.7	12
13	Induced shape controllability by tailored precursor design in thermal and microwave-assisted synthesis of (Fe ₃ O ₄) nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	12
12	Influence of synthesis methods on the internalization of fluorescent gold nanoparticles into glioblastoma stem-like cells. <i>Journal of Inorganic Biochemistry</i> , 2020 , 203, 110952	4.2	12
11	Simple Synthesis of Biocompatible Stable CeO Nanoparticles as Antioxidant Agents. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2325-2331	6.3	12
10	Combinatorial Synthesis of Binary Nanoparticles in Ionic Liquids by Cosputtering and Mixing of Elemental Nanoparticles. <i>ACS Combinatorial Science</i> , 2019 , 21, 743-752	3.9	11
9	Synthesis of plasmonic Fe/Al nanoparticles in ionic liquids.. <i>RSC Advances</i> , 2020 , 10, 12891-12899	3.7	9
8	Sputter deposition of highly active complex solid solution electrocatalysts into an ionic liquid library: effect of structure and composition on oxygen reduction activity. <i>Nanoscale</i> , 2020 , 12, 23570-23577	7.7	9
7	Enhanced antibacterial performance of ultrathin silver/platinum nanopatches by a sacrificial anode mechanism. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 24, 102126	6	8
6	Electrochemical dealloying as a tool to tune the porosity, composition and catalytic activity of nanomaterials. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 19405-19413	13	7

- 5 Exploring stability of a nanoscale complex solid solution thin film by in situ heating transmission electron microscopy. *MRS Bulletin*,1 3.2 0
- 4 Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography **2020**, 15, e0227920
- 3 Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography **2020**, 15, e0227920
- 2 Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography **2020**, 15, e0227920
- 1 Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography **2020**, 15, e0227920