

Alba Garzn-Manjñ

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8595569/alba-garzon-manjon-publications-by-year.pdf>

Version: 2024-04-27

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.

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	Synthesis of plasmonic Fe/Al nanoparticles in ionic liquids.. <i>RSC Advances</i> , 2020 , 10, 12891-12899	3.7	9
21	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography. <i>PLoS ONE</i> , 2020 , 15, e0227920	3.7	19
20	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
19	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
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	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
16	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
15	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography 2020 , 15, e0227920		
14	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography 2020 , 15, e0227920		
13	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography 2020 , 15, e0227920		
12	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography 2020 , 15, e0227920		
11	Synthesis, microstructure, and hardness of rapidly solidified Cu-Cr alloys. <i>Journal of Alloys and Compounds</i> , 2019 , 794, 203-209	5.7	12
10	Toward a Paradigm Shift in Electrocatalysis Using Complex Solid Solution Nanoparticles. <i>ACS Energy Letters</i> , 2019 , 4, 1206-1214	20.1	81
9	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
8	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
7	Sodium enhances indium-gallium interdiffusion in copper indium gallium diselenide photovoltaic absorbers. <i>Nature Communications</i> , 2018 , 9, 826	17.4	34
6	Controlling the Amorphous and Crystalline State of Multinary Alloy Nanoparticles in An Ionic Liquid. <i>Nanomaterials</i> , 2018 , 8,	5.4	23

5	Discovery of a Multinary Noble Metal-Free Oxygen Reduction Catalyst. <i>Advanced Energy Materials</i> , 2018 , 8, 1802269	21.8	131
4	Simple Synthesis of Biocompatible Stable CeO Nanoparticles as Antioxidant Agents. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2325-2331	6.3	12
3	Induced shape controllability by tailored precursor design in thermal and microwave-assisted synthesis of (Fe_3O_4) nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	12
2	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
1	Exploring stability of a nanoscale complex solid solution thin film by in situ heating transmission electron microscopy. <i>MRS Bulletin</i> , 1	3.2	0