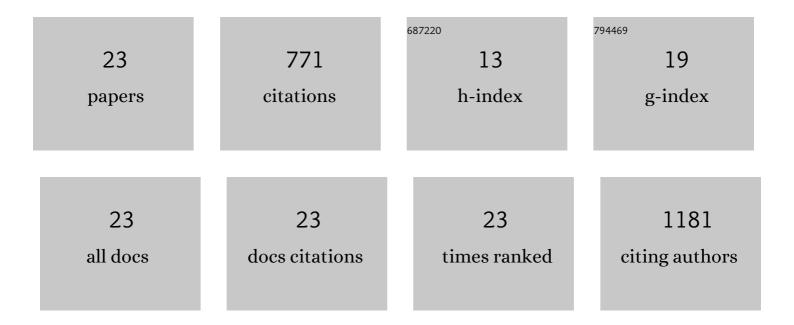
Alba GarzÃ³n-ManjÃ³n

List of Publications by Year in descending order

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ΔΙ ΒΑ CADZÃ3N-ΜΑΝΙÃ3Ν

#	Article	IF	CITATIONS
1	Exploring stability of a nanoscale complex solid solution thin film by in situ heating transmission electron microscopy. MRS Bulletin, 2022, 47, 371-378.	1.7	3
2	Evaluation of functional layers thinning of high temperature polymer electrolyte membrane fuel cells after long term operation. Nanoscale, 2022, 14, 11543-11551.	2.8	5
3	Enhanced antibacterial performance of ultrathin silver/platinum nanopatches by a sacrificial anode mechanism. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102126.	1.7	11
4	Influence of synthesis methods on the internalization of fluorescent gold nanoparticles into glioblastoma stem-like cells. Journal of Inorganic Biochemistry, 2020, 203, 110952.	1.5	17
5	Water oxidation electrocatalysis using ruthenium coordination oligomers adsorbed on multiwalled carbon nanotubes. Nature Chemistry, 2020, 12, 1060-1066.	6.6	54
6	Sputter deposition of highly active complex solid solution electrocatalysts into an ionic liquid library: effect of structure and composition on oxygen reduction activity. Nanoscale, 2020, 12, 23570-23577.	2.8	21
7	Electrochemical dealloying as a tool to tune the porosity, composition and catalytic activity of nanomaterials. Journal of Materials Chemistry A, 2020, 8, 19405-19413.	5.2	29
8	Synthesis of plasmonic Fe/Al nanoparticles in ionic liquids. RSC Advances, 2020, 10, 12891-12899.	1.7	14
9	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography. PLoS ONE, 2020, 15, e0227920.	1.1	26
10	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography. , 2020, 15, e0227920.		0
11	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography. , 2020, 15, e0227920.		0
12	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography. , 2020, 15, e0227920.		0
13	Cryo-focused ion beam preparation of perovskite based solar cells for atom probe tomography. , 2020, 15, e0227920.		0
14	Fluorescence enhancement induced by the interaction of silver nanoclusters with lead ions in water. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 579, 123634.	2.3	21
15	Combinatorial Synthesis of Binary Nanoparticles in Ionic Liquids by Cosputtering and Mixing of Elemental Nanoparticles. ACS Combinatorial Science, 2019, 21, 743-752.	3.8	13
16	Synthesis, microstructure, and hardness of rapidly solidified Cu-Cr alloys. Journal of Alloys and Compounds, 2019, 794, 203-209.	2.8	24
17	Toward a Paradigm Shift in Electrocatalysis Using Complex Solid Solution Nanoparticles. ACS Energy Letters, 2019, 4, 1206-1214.	8.8	140
18	Sodium enhances indium-gallium interdiffusion in copper indium gallium diselenide photovoltaic absorbers. Nature Communications, 2018, 9, 826.	5.8	51

#	Article	IF	CITATIONS
19	Controlling the Amorphous and Crystalline State of Multinary Alloy Nanoparticles in An Ionic Liquid. Nanomaterials, 2018, 8, 903.	1.9	31
20	Discovery of a Multinary Noble Metal–Free Oxygen Reduction Catalyst. Advanced Energy Materials, 2018, 8, 1802269.	10.2	227
21	Simple Synthesis of Biocompatible Stable CeO ₂ Nanoparticles as Antioxidant Agents. Bioconjugate Chemistry, 2018, 29, 2325-2331.	1.8	21
22	Induced shape controllability by tailored precursor design in thermal and microwave-assisted synthesis of \$\$mathrm{Fe}_{3}mathrm{O}_{4}\$\$ Fe 3 O 4 nanoparticles. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	14
23	Epitaxial YBa ₂ Cu ₃ O _{7â^'<i>x</i>} nanocomposite thin films from colloidal solutions. Superconductor Science and Technology, 2015, 28, 124007.	1.8	49