

Amina S Aljaber

List of Publications by Year in Descending Order

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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.

14 papers	178 citations	8 h-index	13 g-index
15 ext. papers	232 ext. citations	4.1 avg, IF	3.19 L-index

#	Paper	IF	Citations
14	CO Oxidation at Near-Ambient Temperatures over TiO-Supported Pd-Cu Catalysts: Promoting Effect of Pd-Cu Nanointerface and TiO Morphology. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
13	Photoelectrocatalytic hydrogen production on ternary Co-Pi/Ag/TiON nanotube array photocatalysts. <i>International Journal of Energy Research</i> , 2021 , 45, 6360-6368	4.5	1
12	Tailored fabrication of iridium nanoparticle-sensitized titanium oxynitride nanotubes for solar-driven water splitting: experimental insights on the photocatalytic activity-defects relationship. <i>Catalysis Science and Technology</i> , 2020 , 10, 801-809	5.5	14
11	Improved electrochemical performance of SiO ₂ -coated Li-rich layered oxides-Li _{1.2} Ni _{0.13} Mn _{0.54} Co _{0.13} O ₂ . <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 19475-19486	5.1	14
10	Integrated Lab-on-a-Chip Optical Biosensor Using Ultrathin Silicon Waveguide SOI MMI Device. <i>Sensors</i> , 2020 , 20,	3.8	2
9	Combustion Synthesis of Non-Precious CuO-CeO ₂ Nanocrystalline Catalysts with Enhanced Catalytic Activity for Methane Oxidation. <i>Materials</i> , 2019 , 12,	3.5	14
8	Bimetallic palladium-supported halloysite nanotubes for low temperature CO oxidation: Experimental and DFT insights. <i>Applied Surface Science</i> , 2019 , 493, 70-80	6.7	12
7	Natural clay-supported palladium catalysts for methane oxidation reaction: effect of alloying.. <i>RSC Advances</i> , 2019 , 9, 32928-32935	3.7	11
6	Computational exploration of the effect of molecular medium on the tautomerization of azo prodrug of 5-aminosalicylic acid. <i>Journal of Molecular Graphics and Modelling</i> , 2019 , 86, 160-169	2.8	2
5	Tuning the activity of Cu-containing rare earth oxide catalysts for CO oxidation reaction: Cooling while heating paradigm in microwave-assisted synthesis. <i>Materials Research Bulletin</i> , 2018 , 108, 142-150	5.1	16
4	Tailoring the reducibility and catalytic activity of CuO nanoparticles for low temperature CO oxidation.. <i>RSC Advances</i> , 2018 , 8, 19499-19511	3.7	39
3	Silver Nanoparticles-Decorated Titanium Oxynitride Nanotube Arrays for Enhanced Solar Fuel Generation. <i>Scientific Reports</i> , 2017 , 7, 1913	4.9	32
2	Self-assembled zirconia nanotube arrays: fabrication mechanism, energy consideration and optical activity. <i>RSC Advances</i> , 2014 , 4, 36336-36343	3.7	30
1	Inner sphere oxidation of N,N'-ethylenebis(isonitrosoacetylacetoneimine)copper(II) by N-bromosuccinimide in aqueous weakly acidic solutions. <i>Transition Metal Chemistry</i> , 2013 , 38, 213-218	2.1	