

Ahmed A Farghaly

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1412413/ahmed-a-farghaly-publications-by-citations.pdf>
Version: 2024-04-09

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.

17 papers	500 citations	11 h-index	22 g-index
30 ext. papers	619 ext. citations	6.6 avg, IF	4.02 L-index

#	Paper	IF	Citations
17	Conducting polymer-silk biocomposites for flexible and biodegradable electrochemical sensors. <i>Biosensors and Bioelectronics</i> , 2016 , 81, 294-302	11.8	128
16	Photolithographic Micropatterning of Conducting Polymers on Flexible Silk Matrices. <i>Advanced Materials</i> , 2016 , 28, 1406-12	24	71
15	Lignin-derived heteroatom-doped porous carbons for supercapacitor and CO2 capture applications. <i>International Journal of Energy Research</i> , 2018 , 42, 2686-2700	4.5	59
14	Supercapacitance and oxygen reduction characteristics of sulfur self-doped micro/mesoporous bio-carbon derived from lignin. <i>Materials Chemistry and Physics</i> , 2018 , 216, 508-516	4.4	53
13	Shape Controlled Synthesis of Au/Ag/Pd Nanoalloys and Their Oxidation-Induced Self-Assembly into Electrocatalytically Active Aerogel Monoliths. <i>Chemistry of Materials</i> , 2017 , 29, 7704-7715	9.6	48
12	Tailoring electrode microstructure via ink content to enable improved rated power performance for platinum cobalt/high surface area carbon based polymer electrolyte fuel cells. <i>Journal of Power Sources</i> , 2021 , 482, 228889	8.9	24
11	Potentiometric Measurements in Biofouling Solutions: Comparison of Nanoporous Gold to Planar Gold. <i>Journal of the Electrochemical Society</i> , 2016 , 163, H3083-H3087	3.9	22
10	Mesoporous Hybrid Polypyrrole-Silica Nanocomposite Films with a Strata-Like Structure. <i>Langmuir</i> , 2016 , 32, 5925-36	4	20
9	Electroassisted codeposition of sol-gel derived silica nanocomposite directs the fabrication of coral-like nanostructured porous gold. <i>Langmuir</i> , 2014 , 30, 5276-86	4	19
8	Magnetic field assisted polyol synthesis of cobalt carbide and cobalt microwires. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	13
7	Microdroplet-Based Potentiometric Redox Measurements on Gold Nanoporous Electrodes. <i>Analytical Chemistry</i> , 2016 , 88, 3768-74	7.8	11
6	Biofouling-Resistant Platinum Bimetallic Alloys. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 21103-21129	2.5	1129
5	Gold-Nanoparticle-Decorated Titanium Nitride Electrodes Prepared by Glancing-Angle Deposition for Sensing Applications. <i>ACS Applied Nano Materials</i> , 2019 , 2, 1562-1569	5.6	8
4	Positive and negative effects of nanoparticles on agricultural crops. <i>Nanotechnology for Environmental Engineering</i> , 2021 , 6, 1	5.1	7
3	Monoclinic Hydroxyapatite Nanoplates Hybrid Composite with Improved Compressive Strength, and Porosity for Bone Defect Repair: Biomimetic Synthesis and Characterization. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 2254-63	1.3	4
2	Micropatterned Flexible and Conformable Biofunctional Devices Using Silk Proteins. <i>MRS Advances</i> , 2016 , 1, 3539-3544	0.7	2
1	Heteroatoms-Doped Carbon Nanotubes for Energy Applications 2022 , 1-39		

