

Ahmed A Farghaly

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.

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	Heteroatoms-Doped Carbon Nanotubes for Energy Applications 2022 , 1-39		
16	Positive and negative effects of nanoparticles on agricultural crops. <i>Nanotechnology for Environmental Engineering</i> , 2021 , 6, 1	5.1	7
15	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
14	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
13	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
12	Biofouling-Resistant Platinum Bimetallic Alloys. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 21103-21129	9.3	1129
11	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
10	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
9	Mesoporous Hybrid Polypyrrole-Silica Nanocomposite Films with a Strata-Like Structure. <i>Langmuir</i> , 2016 , 32, 5925-36	4	20
8	Microdroplet-Based Potentiometric Redox Measurements on Gold Nanoporous Electrodes. <i>Analytical Chemistry</i> , 2016 , 88, 3768-74	7.8	11
7	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
6	Conducting polymer-silk biocomposites for flexible and biodegradable electrochemical sensors. <i>Biosensors and Bioelectronics</i> , 2016 , 81, 294-302	11.8	128
5	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
4	Photolithographic Micropatterning of Conducting Polymers on Flexible Silk Matrices. <i>Advanced Materials</i> , 2016 , 28, 1406-12	24	71
3	Micropatterned Flexible and Conformable Biofunctional Devices Using Silk Proteins. <i>MRS Advances</i> , 2016 , 1, 3539-3544	0.7	2
2	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
1	Magnetic field assisted polyol synthesis of cobalt carbide and cobalt microwires. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	13

