Mohmmad Khalid

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2540757/publications.pdf

Version: 2024-02-01

25 papers	772 citations	566801 15 h-index	580395 25 g-index
25 all docs	25 docs citations	25 times ranked	1171 citing authors

#	Article	IF	Citations
1	Coralâ€like nitrogen doped carbon derived from polyanilineâ€silicon nitride hybrid for highly active oxygen reduction electrocatalysis. Electrochemical Science Advances, 2021, 1, e2000010.	1.2	2
2	Inkjet Printing of Polypyrrole Electroconductive Layers Based on Direct Inks Freezing and Their Use in Textile Solid-State Supercapacitors. Materials, 2021, 14, 3577.	1.3	14
3	Electro-reduced graphene oxide nanosheets coupled with RuAu bimetallic nanoparticles for efficient hydrogen evolution electrocatalysis. Chemical Engineering Journal, 2021, 421, 129987.	6.6	27
4	Surface and Volumetric Phenomena on Polyaniline-Supported Electrocatalysts. Journal of Physical Chemistry C, 2021, 125, 26073-26083.	1.5	1
5	Metallic single-atoms confined in carbon nanomaterials for the electrocatalysis of oxygen reduction, oxygen evolution, and hydrogen evolution reactions. Catalysis Science and Technology, 2020, 10, 6420-6448.	2.1	33
6	A sugar derived carbon-red phosphorus composite for oxygen evolution reaction and supercapacitor activities. Materials Science for Energy Technologies, 2020, 3, 508-514.	1.0	6
7	Trifunctional catalytic activities of trimetallic FeCoNi alloy nanoparticles embedded in a carbon shell for efficient overall water splitting. Journal of Materials Chemistry A, 2020, 8, 9021-9031.	5.2	72
8	Nitrogen and sulfur co-doped fibrous-like carbon electrocatalyst derived from conductive polymers for highly active oxygen reduction catalysis. Synthetic Metals, 2020, 264, 116383.	2.1	5
9	Electrochemical reduction of CO₂ to formic acid on Bi₂O₂CO₃/carbon fiber electrodes. Journal of Materials Research, 2020, 35, 272-280.	1.2	14
10	A general potentiodynamic approach for red phosphorus and sulfur nanodot incorporation on reduced graphene oxide sheets: metal-free and binder-free electrodes for supercapacitor and hydrogen evolution activities. Journal of Materials Chemistry A, 2018, 6, 3141-3150.	5.2	32
11	Multifunctional electrocatalysts derived from conducting polymer and metal organic framework complexes. Nano Energy, 2018, 45, 127-135.	8.2	166
12	Bendable tube-shaped supercapacitor based on reduced graphene oxide and Prussian blue coated carbon fiber yarns for energy storage. Journal of Energy Chemistry, 2018, 27, 866-873.	7.1	37
13	Nano-flocks of a bimetallic organic framework for efficient hydrogen evolution electrocatalysis. Chemical Communications, 2018, 54, 11048-11051.	2.2	31
14	Uniformly self-decorated Co₃O₄ nanoparticles on N, S co-doped carbon layers derived from a camphor sulfonic acid and metalâ€“organic framework hybrid as an oxygen evolution electrocatalyst. Journal of Materials Chemistry A, 2018, 6, 12106-12114.	5.2	36
15	Ionically conducting and environmentally safe gum Arabic as a high-performance gel-like electrolyte for solid-state supercapacitors. Journal of Solid State Electrochemistry, 2017, 21, 2443-2447.	1.2	13
16	Ion-exchange and humidity sensing properties of poly-o-anisidine Sn(IV) arsenophosphate nano-composite cation-exchanger. Journal of Environmental Chemical Engineering, 2013, 1, 310-319.	3.3	8
17	Electrically conductive polyaniline-titanium(IV)molybdophosphate cation exchange nanocomposite: Synthesis, characterization and alcohol vapour sensing properties. Journal of Industrial and Engineering Chemistry, 2013, 19, 1226-1233.	2.9	44
18	Electrical Conductivity Studies of Polyaniline Nanotubes Doped with Different Sulfonic Acids. Indian Journal of Materials Science, 2013, 2013, 1-7.	0.6	25

#	Article	IF	Citations
19	Ammonia vapor sensing properties of polyanilineâ€“titanium(IV)phosphate cation exchange nanocomposite. Journal of Hazardous Materials, 2011, 186, 2037-2042.	6.5	44
20	Electroanalytical studies on electrically conducting polyaniline:polyethyleneterephthalate composite films. Journal of Applied Polymer Science, 2010, 116, 1366-1375.	1.3	2
21	Synthesis of nanoâ€sized ZnO and polyanilineâ€zinc oxide composite: Characterization, stability in terms of DC electrical conductivity retention and application in ammonia vapor detection. Journal of Applied Polymer Science, 2010, 117, 1601-1607.	1.3	32
22	Synthesis and characterization of polyanilineâ€“titanium(IV)phosphate cation exchange composite: Methanol sensor and isothermal stability in terms of DC electrical conductivity. Reactive and Functional Polymers, 2010, 70, 849-855.	2.0	42
23	Preparation, FTIR spectroscopic characterization and isothermal stability of differently doped conductive fibers based on polyaniline and polyacrylonitrile. Synthetic Metals, 2010, 160, 708-712.	2.1	35
24	Preparation, FTIR spectroscopic characterization and isothermal stability of differently doped fibrous conducting polymers based on polyaniline and nylon-6,6. Synthetic Metals, 2009, 159, 119-122.	2.1	41
25	Preparation and electroanalytical characterization of polyaniline: Polyacrylonitrile composite films. Journal of Applied Polymer Science, 2008, 108, 3769-3780.	1.3	10