Weimin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2106042/publications.pdf

Version: 2024-02-01

38 papers	1,243 citations	331670 21 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	1299 citing authors

#	Article	IF	Citations
1	Accelerating Optimizing the Design of Carbonâ€based Electrocatalyst via Machine Learning. Electroanalysis, 2022, 34, 599-607.	2.9	9
2	Recent progress in carbon-based materials boosting electrochemical water splitting. Chinese Chemical Letters, 2022, 33, 3623-3631.	9.0	28
3	Efficient single-atom Ni for catalytic transfer hydrogenation of furfural to furfuryl alcohol. Journal of Materials Chemistry A, 2021, 9, 1110-1118.	10.3	102
4	Tensile and biodegradable properties of Mg-6.0Zn-1.0Nd-0.5Zr alloy. Inorganic Chemistry Communication, 2021, 123, 108337.	3.9	1
5	An electrochemical synthesis of a rare-earth(La3+)-doped ZIF-8 hydroxyapatite composite coating for a Ti/TiO2 implant material. New Journal of Chemistry, 2021, 45, 6543-6549.	2.8	1
6	Morphological and reactive optimization of g-C₃N₄-derived Co,N-codoped carbon nanotubes for hydrogen evolution reaction. New Journal of Chemistry, 2021, 45, 6308-6314.	2.8	4
7	Cerium doped ZIF nanoparticles and hydroxyapatite coâ€deposited coating on titaniumÂdioxide nanotubes array exhibiting biocompatibility and antibacterialÂproperty. Nano Select, 2021, 2, 1225-1232.	3.7	0
8	Electro-deposition of Nd3+-doped metal-organic frameworks on titanium dioxide nanotube array coated by hydroxyapatite for anti-microbial and anticorrosive implant. Ionics, 2021, 27, 2707-2715.	2.4	5
9	Synthesis of rare earth doped MOF base coating on TiO2nanotubes arrays by electrochemical method using as antibacterial implant material. Inorganic Chemistry Communication, 2021, 127, 108484.	3.9	10
10	A novel La3+ doped MIL spherical analogue used as antibacterial and anticorrosive additives for hydroxyapatite coating on titanium dioxide nanotube array. Applied Surface Science, 2021, 551, 149425.	6.1	11
11	The Influence of Filler Size and Crosslinking Degree of Polymers on Mullins Effect in Filled NR/BR Composites. Polymers, 2021, 13, 2284.	4.5	9
12	Facile synthesis of bimetallic N-doped carbon hybrid material for electrochemical nitrogen reduction. Journal of Energy Chemistry, 2021, 59, 715-720.	12.9	10
13	Facile synthesis of a neodymium doped metal organic frame modified antibacterial material and corrosion resistant coating. Inorganica Chimica Acta, 2021, 528, 120599.	2.4	10
14	Facile synthesis of a Ru-dispersed N-doped carbon framework catalyst for electrochemical nitrogen reduction. Catalysis Science and Technology, 2020, 10, 1336-1342.	4.1	44
15	FeNiMo trimetallic nanoparticles encapsulated in carbon cages as efficient hydrogen evolution reaction electrocatalysts. Materials Advances, 2020, 1, 54-60.	5.4	16
16	Facile synthesis of Feâ€“Ni bimetallic N-doped carbon framework for efficient electrochemical hydrogen evolution reaction. Materials Today Energy, 2020, 16, 100387.	4.7	26
17	One-pot synthesis of ruthenium nanoparticles embedded nitrogen-doped carbon framework for electrocatalytic hydrogen evolution reaction. Inorganic Chemistry Communication, 2020, 116, 107914.	3.9	13
18	Surface Treatment Effects on the Mechanical Properties of Silica Carbon Black Reinforced Natural Rubber/Butadiene Rubber Composites. Polymers, 2019, 11, 1763.	4.5	17

#	Article	IF	Citations
19	Electrochemical synthesis of ammonia from N₂ and H₂O using a typical non-noble metal carbon-based catalyst under ambient conditions. Catalysis Science and Technology, 2019, 9, 1208-1214.	4.1	37
20	Healable and shape editable supercapacitors based on shape memory polyurethanes. Journal of Materials Chemistry A, 2019, 7, 17456-17465.	10.3	40
21	Effect of removing silica in rice husk for the preparation of activated carbon for supercapacitor applications. Chinese Chemical Letters, 2019, 30, 1315-1319.	9.0	44
22	Recent developments and advances in boron-doped diamond electrodes for electrochemical oxidation of organic pollutants. Separation and Purification Technology, 2019, 212, 802-821.	7.9	233
23	Hydrophobic networked PbO2 electrode for electrochemical oxidation of paracetamol drug and degradation mechanism kinetics. Chemosphere, 2018, 193, 89-99.	8.2	70
24	Hierarchical porous carbon derived from Allium cepa for supercapacitors through direct carbonization method with the assist of calcium acetate. Chinese Chemical Letters, 2017, 28, 2295-2297.	9.0	14
25	Mechanism and kinetics of the electrocatalytic hydrogenation of furfural to furfuryl alcohol. Journal of Electroanalytical Chemistry, 2017, 804, 248-253.	3.8	51
26	A hydrophobic three-dimensionally networked boron-doped diamond electrode towards electrochemical oxidation. Chemical Communications, 2016, 52, 8026-8029.	4.1	31
27	Application of porous boron-doped diamond electrode towards electrochemical mineralization of triphenylmethane dye. Journal of Electroanalytical Chemistry, 2016, 775, 292-298.	3.8	41
28	Enhanced electrochemical oxidation of organic pollutants by boron-doped diamond based on porous titanium. Separation and Purification Technology, 2015, 149, 124-131.	7.9	36
29	Investigation of boron-doped diamond on porous Ti for electrochemical oxidation of acetaminophen pharmaceutical drug. Journal of Electroanalytical Chemistry, 2015, 759, 167-173.	3.8	27
30	Study of the ion-channel behavior on glassy carbon electrode supported bilayer lipid membranes stimulated by perchlorate anion. Materials Science and Engineering C, 2015, 55, 431-435.	7.3	5
31	Anodic oxidation of aspirin on PbO 2 , BDD and porous Ti/BDD electrodes: Mechanism, kinetics and utilization rate. Separation and Purification Technology, 2015, 156, 124-131.	7.9	72
32	Improved electrochemical performance of boron-doped diamond electrode depending on the structure of titanium substrate. Journal of Electroanalytical Chemistry, 2015, 758, 170-177.	3.8	30
33	Influence of F^{â€} doping on the microstructure, surface morphology and electrochemical properties of the lead dioxide electrode. Surface and Interface Analysis, 2013, 45, 715-721.	1.8	22
34	Effect of SnO₂â€Sb₂O₅ Interlayer on Electrochemical Performances of a Tiâ€Substrate Lead Dioxide Electrode. Chinese Journal of Chemistry, 2012, 30, 2059-2065.	4.9	26
35	Performance characterization of Ti substrate lead dioxide electrode with different solid solution interlayers. Journal of Materials Science, 2012, 47, 6709-6715.	3.7	42
36	Electrochemical oxidation of aqueous phenol at low concentration using Ti/BDD electrode. Separation and Purification Technology, 2012, 88, 116-120.	7.9	55

#	Article	IF	Citations
37	Boron doped diamond electrodes based on porous Ti substrates. Materials Letters, 2012, 83, 112-114.	2.6	41
38	Feasibility and advantage of biofilm-electrode reactor for phenol degradation. Journal of Environmental Sciences, 2009, 21, 1181-1185.	6.1	10