

Weimin

List of Publications by Year in descending order

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38
papers

1,243
citations

331670

21
h-index

361022

35
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38
all docs

38
docs citations

38
times ranked

1299
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Hydrophobic networked PbO ₂ electrode for electrochemical oxidation of paracetamol drug and degradation mechanism kinetics. Chemosphere, 2018, 193, 89-99.	8.2	70
5	Electrochemical oxidation of aqueous phenol at low concentration using Ti/BDD electrode. Separation and Purification Technology, 2012, 88, 116-120.	7.9	55
6	Mechanism and kinetics of the electrocatalytic hydrogenation of furfural to furfuryl alcohol. Journal of Electroanalytical Chemistry, 2017, 804, 248-253.	3.8	51
7	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
8	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
9	Performance characterization of Ti substrate lead dioxide electrode with different solid solution interlayers. Journal of Materials Science, 2012, 47, 6709-6715.	3.7	42
10	Boron doped diamond electrodes based on porous Ti substrates. Materials Letters, 2012, 83, 112-114.	2.6	41
11	Application of porous boron-doped diamond electrode towards electrochemical mineralization of triphenylmethane dye. Journal of Electroanalytical Chemistry, 2016, 775, 292-298.	3.8	41
12	Healable and shape editable supercapacitors based on shape memory polyurethanes. Journal of Materials Chemistry A, 2019, 7, 17456-17465.	10.3	40
13	Electrochemical synthesis of ammonia from N ₂ and H ₂ O using a typical non-noble metal carbon-based catalyst under ambient conditions. Catalysis Science and Technology, 2019, 9, 1208-1214.	4.1	37
14	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
15	A hydrophobic three-dimensionally networked boron-doped diamond electrode towards electrochemical oxidation. Chemical Communications, 2016, 52, 8026-8029.	4.1	31
16	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
17	Recent progress in carbon-based materials boosting electrochemical water splitting. Chinese Chemical Letters, 2022, 33, 3623-3631.	9.0	28
18	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

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19	Effect of SnO ₂ ∕Sb ₂ O ₅ Interlayer on Electrochemical Performances of a Ti∕Substrate Lead Dioxide Electrode. Chinese Journal of Chemistry, 2012, 30, 2059-2065.	4.9	26
20	Facile synthesis of Fe∕Ni bimetallic N-doped carbon framework for efficient electrochemical hydrogen evolution reaction. Materials Today Energy, 2020, 16, 100387.	4.7	26
21	Influence of F ⁻ 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
22	Surface Treatment Effects on the Mechanical Properties of Silica Carbon Black Reinforced Natural Rubber/Butadiene Rubber Composites. Polymers, 2019, 11, 1763.	4.5	17
23	FeNiMo trimetallic nanoparticles encapsulated in carbon cages as efficient hydrogen evolution reaction electrocatalysts. Materials Advances, 2020, 1, 54-60.	5.4	16
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	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
26	A novel La ³⁺ 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
27	Feasibility and advantage of biofilm-electrode reactor for phenol degradation. Journal of Environmental Sciences, 2009, 21, 1181-1185.	6.1	10
28	Synthesis of rare earth doped MOF base coating on TiO ₂ nanotubes arrays by electrochemical method using as antibacterial implant material. Inorganic Chemistry Communication, 2021, 127, 108484.	3.9	10
29	Facile synthesis of bimetallic N-doped carbon hybrid material for electrochemical nitrogen reduction. Journal of Energy Chemistry, 2021, 59, 715-720.	12.9	10
30	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
31	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
32	Accelerating Optimizing the Design of Carbon∕based Electrocatalyst via Machine Learning. Electroanalysis, 2022, 34, 599-607.	2.9	9
33	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
34	Electro-deposition of Nd ³⁺ -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
35	Morphological and reactive optimization of g-C ₃ N ₄ -derived Co,N-codoped carbon nanotubes for hydrogen evolution reaction. New Journal of Chemistry, 2021, 45, 6308-6314.	2.8	4
36	Tensile and biodegradable properties of Mg-6.0Zn-1.0Nd-0.5Zr alloy. Inorganic Chemistry Communication, 2021, 123, 108337.	3.9	1

#	ARTICLE	IF	CITATIONS
37	An electrochemical synthesis of a rare-earth(La ³⁺)-doped ZIF-8 hydroxyapatite composite coating for a Ti/TiO ₂ implant material. <i>New Journal of Chemistry</i> , 2021, 45, 6543-6549.	2.8	1
38	Cerium doped ZIF nanoparticles and hydroxyapatite co-deposited coating on titanium dioxide nanotubes array exhibiting biocompatibility and antibacterial property. <i>Nano Select</i> , 2021, 2, 1225-1232.	3.7	0