

Fen Guo

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

852
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical impedance analysis of urea electro-oxidation mechanism on nickel catalyst in alkaline medium. <i>Electrochimica Acta</i> , 2016, 210, 474-482.	5.2	155
2	Preparation of nickel nanowire arrays electrode for urea electro-oxidation in alkaline medium. <i>Journal of Power Sources</i> , 2015, 278, 562-568.	7.8	139
3	Highly porous nickel@carbon sponge as a novel type of three-dimensional anode with low cost for high catalytic performance of urea electro-oxidation in alkaline medium. <i>Journal of Power Sources</i> , 2015, 283, 408-415.	7.8	117
4	Preparation of nickel-cobalt nanowire arrays anode electro-catalyst and its application in direct urea/hydrogen peroxide fuel cell. <i>Electrochimica Acta</i> , 2016, 199, 290-296.	5.2	112
5	Enhancement of direct urea-hydrogen peroxide fuel cell performance by three-dimensional porous nickel-cobalt anode. <i>Journal of Power Sources</i> , 2016, 307, 697-704.	7.8	102
6	Carbon- and Binder-Free Core-Shell Nanowire Arrays for Efficient Ethanol Electro-Oxidation in Alkaline Medium. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4705-4714.	8.0	46
7	Metal-Semiconductor Heterostructures for Photoredox Catalysis: Where Are We Now and Where Do We Go?. <i>Advanced Functional Materials</i> , 2021, 31, 2101103.	14.9	41
8	Nickel-Rhodium bimetallic dispersions supported on nickel foam as the efficient catalyst for urea electrooxidation in alkaline medium. <i>Electrochimica Acta</i> , 2020, 330, 135211.	5.2	22
9	Optimal Design of an Ionic Liquid (IL)-Based Aromatic Extractive Distillation Process Involving Energy and Economic Evaluation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 3605-3616.	3.7	21
10	Facile fabrication of hierarchically porous Ni foam@Ag-Ni catalyst for efficient hydrazine oxidation in alkaline medium. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 105, 75-84.	5.3	17
11	Palladium dispersed in three-dimensional polyaniline networks as the catalyst for hydrogen peroxide electro-reduction in an acidic medium. <i>RSC Advances</i> , 2015, 5, 94008-94015.	3.6	15
12	Integrated CNTs/SiO ₂ nano-additives on SBS polymeric superhydrophobic coatings for self-cleaning. <i>Surface Engineering</i> , 2020, 36, 601-606.	2.2	15
13	Amphiphilic hexadecyl-quaternized chitin micelles for doxorubicin delivery. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 615-621.	7.5	13
14	Integrative Ni@Pd-Ni Alloy Nanowire Array Electrocatalysts Boost Hydrazine Oxidation Kinetics. <i>ChemElectroChem</i> , 2019, 6, 5581-5587.	3.4	11
15	Facile fabrication of durable superhydrophobic SiO ₂ /polyacrylate composite coatings with low nanoparticle filling. <i>Journal of Coatings Technology Research</i> , 2020, 17, 1289-1295.	2.5	9
16	A double-chamber energy storage device with dual ionic electrolyte enabling high energy density. <i>Electrochimica Acta</i> , 2018, 274, 31-39.	5.2	8
17	A fuel cell-electrolyzer series device for simultaneous monoethanolamine degradation and hydrogen production: From anode screening and optimization to device investigation. <i>Journal of Power Sources</i> , 2021, 494, 229783.	7.8	4
18	A cost-effective method for robust and anti-corrosive superhydrophobic coatings. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	2

#	ARTICLE	IF	CITATIONS
19	State-of-the-art progress in tracking plasmon-mediated photoredox catalysis. Pure and Applied Chemistry, 2021, 93, 509-524.	1.9	2
20	Monoethanolamine Electro-Oxidation Assists Efficient Hydrogen Evolution over Nickel Nanowire Arrays Anode. IOP Conference Series: Earth and Environmental Science, 2019, 300, 052036.	0.3	1