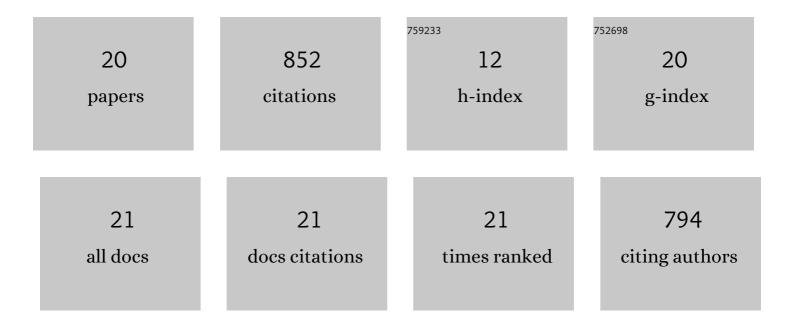
Fen Guo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3228831/publications.pdf Version: 2024-02-01



FEN CUO

#	Article	IF	CITATIONS
1	Optimal Design of an Ionic Liquid (IL)-Based Aromatic Extractive Distillation Process Involving Energy and Economic Evaluation. Industrial & amp; Engineering Chemistry Research, 2021, 60, 3605-3616.	3.7	21
2	Metal‣emiconductor Heterostructures for Photoredox Catalysis: Where Are We Now and Where Do We Go?. Advanced Functional Materials, 2021, 31, 2101103.	14.9	41
3	A fuel cell-electrolyzer series device for simultaneous monoethanolamine degradation and hydrogen production: From anode screening and optimization to device investigation. Journal of Power Sources, 2021, 494, 229783.	7.8	4
4	State-of-the-art progress in tracking plasmon-mediated photoredox catalysis. Pure and Applied Chemistry, 2021, 93, 509-524.	1.9	2
5	Integrated CNTs/SiO ₂ nano-additives on SBS polymeric superhydrophobic coatings for self-cleaning. Surface Engineering, 2020, 36, 601-606.	2.2	15
6	Nickel-Rhodium bimetallic dispersions supported on nickel foam as the efficient catalyst for urea electrooxidation in alkaline medium. Electrochimica Acta, 2020, 330, 135211.	5.2	22
7	Facile fabrication of durable superhydrophobic SiO2/polyacrylate composite coatings with low nanoparticle filling. Journal of Coatings Technology Research, 2020, 17, 1289-1295.	2.5	9
8	Integrative Ni@Pdâ€Ni Alloy Nanowire Array Electrocatalysts Boost Hydrazine Oxidation Kinetics. ChemElectroChem, 2019, 6, 5581-5587.	3.4	11
9	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
10	A cost-effective method for robust and anti-corrosive superhydrophobic coatings. SN Applied Sciences, 2019, 1, 1.	2.9	2
11	Amphiphilic hexadecyl-quaternized chitin micelles for doxorubicin delivery. International Journal of Biological Macromolecules, 2019, 130, 615-621.	7.5	13
12	Facile fabrication of hierarchically porous Ni foam@Ag-Ni catalyst for efficient hydrazine oxidation in alkaline medium. Journal of the Taiwan Institute of Chemical Engineers, 2019, 105, 75-84.	5.3	17
13	A double-chamber energy storage device with dual ionic electrolyte enabling high energy density. Electrochimica Acta, 2018, 274, 31-39.	5.2	8
14	Carbon- and Binder-Free Core–Shell Nanowire Arrays for Efficient Ethanol Electro-Oxidation in Alkaline Medium. ACS Applied Materials & Interfaces, 2018, 10, 4705-4714.	8.0	46
15	Electrochemical impedance analysis of urea electro-oxidation mechanism on nickel catalyst in alkaline medium. Electrochimica Acta, 2016, 210, 474-482.	5.2	155
16	Preparation of nickel-cobalt nanowire arrays anode electro-catalyst and its application in direct urea/hydrogen peroxide fuel cell. Electrochimica Acta, 2016, 199, 290-296.	5.2	112
17	Enhancement of direct urea-hydrogen peroxide fuel cell performance by three-dimensional porous nickel-cobalt anode. Journal of Power Sources, 2016, 307, 697-704.	7.8	102
18	Preparation of nickel nanowire arrays electrode for urea electro-oxidation in alkaline medium. Journal of Power Sources, 2015, 278, 562-568.	7.8	139

#	Article	IF	CITATIONS
19	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. Journal of Power Sources, 2015, 283, 408-415.	7.8	117
20	Palladium dispersed in three-dimensional polyaniline networks as the catalyst for hydrogen peroxide electro-reduction in an acidic medium. RSC Advances, 2015, 5, 94008-94015.	3.6	15