

Gamze YÄ±lmaz

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,963
citations

393982

19
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

3212
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic thermal trapping enables cross-species smart nanoparticle swarms. <i>Science Advances</i> , 2021, 7, .	4.7	1
2	Autonomous atmospheric water seeping MOF matrix. <i>Science Advances</i> , 2020, 6, .	4.7	120
3	Modular Deformable Steam Electricity Cogeneration System with Photothermal, Water, and Electrochemical Tunable Multilayers. <i>Advanced Functional Materials</i> , 2020, 30, 2002867.	7.8	133
4	Photothermal Catalytic Gel Featuring Spectral and Thermal Management for Parallel Freshwater and Hydrogen Production. <i>Advanced Energy Materials</i> , 2020, 10, 2000925.	10.2	162
5	A Hybrid Solar Absorberâ€“Electrocatalytic Nâ€“Doped Carbon/Alloy/Semiconductor Electrode for Localized Photothermic Electrocatalysis. <i>Advanced Materials</i> , 2019, 31, e1903605.	11.1	43
6	Atomicâ€“and Molecularâ€“Level Design of Functional Metalâ€“Organic Frameworks (MOFs) and Derivatives for Energy and Environmental Applications. <i>Advanced Science</i> , 2019, 6, 1901129.	5.6	121
7	Stimulated Electrocatalytic Hydrogen Evolution Activity of MOFâ€“Derived MoS ₂ Basal Domains via Charge Injection through Surface Functionalization and Heteroatom Doping. <i>Advanced Science</i> , 2019, 6, 1900140.	5.6	73
8	Pseudomorphic Transformation of Interpenetrated Prussian Blue Analogs into Defective Nickel Iron Selenides for Enhanced Electrochemical and Photoâ€“Electrochemical Water Splitting. <i>Advanced Energy Materials</i> , 2019, 9, 1802983.	10.2	150
9	One-step activation towards spontaneous etching of hollow and hierarchical porous carbon nanospheres for enhanced pollutant adsorption and energy storage. <i>Applied Catalysis B: Environmental</i> , 2018, 220, 533-541.	10.8	89
10	Functional Defective Metalâ€“Organic Coordinated Network of Mesostuctured Nanoframes for Enhanced Electrocatalysis. <i>Advanced Functional Materials</i> , 2018, 28, 1704177.	7.8	68
11	Multi-compositional hierarchical nanostructured Ni ₃ S ₂ @MoS _x /NiO electrodes for enhanced electrocatalytic hydrogen generation and energy storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20491-20499.	5.2	25
12	In Situ Transformation of MOFs into Layered Double Hydroxide Embedded Metal Sulfides for Improved Electrocatalytic and Supercapacitive Performance. <i>Advanced Materials</i> , 2017, 29, 1606814.	11.1	502
13	Cross-linker mediated formation of sulfur-functionalized V ₂ O ₅ /graphene aerogels and their enhanced pseudocapacitive performance. <i>Nanoscale</i> , 2017, 9, 802-811.	2.8	68
14	Direct Growth of 3â€“D Hierarchical Porous Ni ₃ S ₂ Nanostructures on Nickel Foam for Highâ€“Performance Supercapacitors. <i>ChemNanoMat</i> , 2016, 2, 719-725.	1.5	20
15	Highâ€“Performance Solidâ€“State Supercapacitors Based on V ₂ O ₅ /Carbon Nanotube Composites. <i>ChemElectroChem</i> , 2016, 3, 158-164.	1.7	62
16	Hierarchical nanocomposite composed of layered V ₂ O ₅ /PEDOT/MnO ₂ nanosheets for high-performance asymmetric supercapacitors. <i>Nano Energy</i> , 2015, 12, 76-87.	8.2	90
17	Computational screening of ZIFs for CO ₂ separations. <i>Molecular Simulation</i> , 2015, 41, 713-726.	0.9	28
18	Molecular modeling of MOF and ZIF-filled MMMs for CO ₂ /N ₂ separations. <i>Journal of Membrane Science</i> , 2014, 454, 407-417.	4.1	45

#	ARTICLE	IF	CITATIONS
19	Recent Advances in Metalâ€‘Organic Frameworkâ€‘Based Mixed Matrix Membranes. Chemistry - an Asian Journal, 2013, 8, 1692-1704.	1.7	95
20	Predicting the Performance of Zeolite Imidazolate Framework/Polymer Mixed Matrix Membranes for CO ₂ , CH ₄ , and H ₂ Separations Using Molecular Simulations. Industrial & Engineering Chemistry Research, 2012, 51, 14218-14228.	1.8	68