

Anning Zhou

List of Publications by Year in descending order

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36
papers

2,201
citations

430874

18
h-index

345221

36
g-index

37
all docs

37
docs citations

37
times ranked

2864
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-deep desulfurization and denitrogenation of diesel fuel by selective adsorption over three different adsorbents: A study on adsorptive selectivity and mechanism. <i>Catalysis Today</i> , 2006, 111, 74-83.	4.4	535
2	Liquid-Phase Adsorption of Multi-Ring Thiophenic Sulfur Compounds on Carbon Materials with Different Surface Properties. <i>Journal of Physical Chemistry B</i> , 2006, 110, 4699-4707.	2.6	198
3	Efficient and Stable Photoelectrochemical Seawater Splitting with TiO ₂ @g-C ₃ N ₄ Nanorod Arrays Decorated by Co-Pi. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20283-20292.	3.1	161
4	A novel method for oxidative desulfurization of liquid hydrocarbon fuels based on catalytic oxidation using molecular oxygen coupled with selective adsorption. <i>Catalysis Today</i> , 2007, 123, 276-284.	4.4	151
5	Effects of oxidative modification of carbon surface on the adsorption of sulfur compounds in diesel fuel. <i>Applied Catalysis B: Environmental</i> , 2009, 87, 190-199.	20.2	142
6	Graphene Sheets from Graphitized Anthracite Coal: Preparation, Decoration, and Application. <i>Energy & Fuels</i> , 2012, 26, 5186-5192.	5.1	136
7	Construction of inorganic-organic 2D/2D WO ₃ /g-C ₃ N ₄ nanosheet arrays toward efficient photoelectrochemical splitting of natural seawater. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 10255-10261.	2.8	118
8	Dielectric properties and thermal conductivity of core-shell structured Ni@NiO/poly(vinylidene fluoride). <i>Journal of Applied Physics</i> , 2010, 107, 104301.	9.5	110
9	Thermal, electrical, and mechanical properties of hexagonal boron nitride-reinforced epoxy composites. <i>Journal of Composite Materials</i> , 2014, 48, 2517-2526.	2.4	92
10	Adsorption Behavior of Methyl Orange onto Modified Ultrafine Coal Powder. <i>Chinese Journal of Chemical Engineering</i> , 2009, 17, 942-948.	3.5	75
11	HECT E3 ubiquitin ligases: emerging insights into their biological roles and disease relevance. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	73
12	Fabrication of inorganic-organic core-shell heterostructure: novel CdS@g-C ₃ N ₄ nanorod arrays for photoelectrochemical hydrogen evolution. <i>RSC Advances</i> , 2015, 5, 14074-14080.	3.6	71
13	Kinetic comparison of photocatalysis with H ₂ O ₂ -free photo-Fenton process on BiVO ₄ and the effective antibiotic degradation. <i>Chemical Engineering Journal</i> , 2022, 429, 132577.	12.7	51
14	Tramadol hydrochloride/montmorillonite composite: Preparation and controlled drug release. <i>Applied Clay Science</i> , 2010, 49, 108-112.	5.2	45
15	Preparation of hollow TiO ₂ microspheres by the reverse microemulsions. <i>Materials Letters</i> , 2008, 62, 1930-1932.	2.6	41
16	Electrodeposited ternary iron-cobalt-nickel catalyst on nickel foam for efficient water electrolysis at high current density. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 694-702.	4.7	34
17	Time evolution of coal structure during low temperature air oxidation. <i>International Journal of Mining Science and Technology</i> , 2012, 22, 517-521.	10.3	30
18	Preparation of Organic Sulfur Adsorbent from Coal for Adsorption of Dibenzothiophene-type Compounds in Diesel Fuel. <i>Energy & Fuels</i> , 2009, 23, 2620-2627.	5.1	27

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19	Assembly of Copper Phthalocyanine on TiO ₂ Nanorod Arrays as Co-catalyst for Enhanced Photoelectrochemical Water Splitting. <i>Frontiers in Chemistry</i> , 2019, 7, 334.	3.6	14
20	A novel fiber-reinforced silicone rubber composite with Al particles for enhanced dielectric and thermal properties. <i>Advances in Polymer Technology</i> , 2018, 37, 1507-1516.	1.7	13
21	Effects of nitrogen doping on microstructure and photocatalytic activity of nanocrystalline TiO ₂ powders. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2007, 22, 457-461.	1.0	9
22	Asymmetric Organocatalytic Michael Additions in Aqueous Media. <i>Mini-Reviews in Organic Chemistry</i> , 2013, 10, 207-216.	1.3	9
23	Composite of Cobalt ₃ N ₄ on TiO ₂ Nanorod Arrays as Co-catalyst for Enhanced Photoelectrochemical Water Splitting. <i>ChemistrySelect</i> , 2021, 6, 4319-4329.	1.5	9
24	Study on behavior and kinetics of sorption of Ag ⁺ by Shenfu3 [#] 1 coal. <i>Microporous and Mesoporous Materials</i> , 2005, 85, 104-110.	4.4	8
25	Biochemicals distribution and the collaborative pyrolysis study from three main components of <i>Helianthus annuus</i> stems based on PY-GC/MS. <i>Renewable Energy</i> , 2017, 114, 960-967.	8.9	7
26	Facile Fabrication of a Hierarchical Superhydrophobic Coating with Aluminate Coupling Agent Modified Kaolin. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-5.	2.7	6
27	Desulfurization of model FCC gasoline by extraction with ionic liquid and conventional extraction solvents. <i>Petroleum Science and Technology</i> , 2017, 35, 1699-1705.	1.5	6
28	A dry separation technique for improving the quality of coking coal middlings. <i>International Journal of Coal Preparation and Utilization</i> , 2020, 40, 175-185.	2.1	6
29	Tuning Rheological Behaviors of Supramolecular Aqueous Gels via Charge Transfer Interactions. <i>Langmuir</i> , 2021, 37, 14713-14723.	3.5	5
30	Novel antibacterial composite of coal/LLDPE loaded with silver ions. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1559-1565.	2.6	4
31	Influence of microwave treatment under a hydrogen or methane atmosphere on the flotability of the macerals in Shenfu coals. <i>Mining Science and Technology</i> , 2011, 21, 761-766.	0.3	4
32	Preparation of graphene from Taixi anthracite and its photocatalyst performance for CO ₂ conversion. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems</i> , 2014, 228, 61-64.	0.1	4
33	Air impact pulverization—precise classification process to support ultraclean coal production. <i>Powder Technology</i> , 2017, 318, 231-241.	4.2	2
34	Synthesis of Novel Phenyl Porous Organic Polymers and Their Excellent Visible Light Photocatalytic Performance on Antibiotics. <i>Materials</i> , 2019, 12, 3296.	2.9	2
35	Hydroisomerization with a Hierarchical SAPO-11 Supported Ni Catalyst: Effect of DTAB Content ^[**] . <i>ChemistrySelect</i> , 2021, 6, 11528-11536.	1.5	2
36	In-situ modification in ultrafine crushing process of Taixi ultralow ash anthracite. <i>Powder Technology</i> , 2016, 295, 315-321.	4.2	1