Halidan Maimaiti

List of Publications by Year
in descending order

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27	659	623734	580821
papers	citations	14 h-index	25 g-index

27	27	27	948
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoelectrocatalytic degradation of wastewater and simultaneous hydrogen production on copper nanorod-supported coal-based N-carbon dot composite nanocatalysts. Applied Surface Science, 2022, 585, 152701.	6.1	9
2	Preparation of a Coal-Based MoS₂/SiO₂/GO Composite Catalyst and Its Performance in the Photocatalytic Degradation of Wastewater and Hydrogen Production. Langmuir, 2022, 38, 3305-3315.	3.5	14
3	Preparation of Ti³⁺-TiO₂ Supported Petroleum Pitch-Based Three-Dimensional Graphene Oxide Composite Photocatalysts for Photocatalysis of N₂/H₂O into Ammonia. Journal of Physical Chemistry C, 2022, 126, 4762-4773.	3.1	0
4	Preparation and photocatalytic N2/H2O to ammonia performance of cadmium sulfide/carbon nanoscrolls. Applied Surface Science, 2021, 542, 148639.	6.1	13
5	Synthesis of Petroleum Pitch-Based Graphene Oxide/Tungsten Trioxide Nanorod and Study On Photocatalytic Reduction of CO₂. Nano, 2021, 16, 2150045.	1.0	0
6	Photocatalytic Synthesis of Urea (CO₂/N₂/H₂O) on Coal-Based Carbon Nanotubes with the Fe-Core-Supported Ti³⁺-TiO₂ Composite Catalyst. ACS Sustainable Chemistry and Engineering, 2021, 9, 6991-7002.	6.7	30
7	A comparative study on the preparation methods and properties of coalâ€based fluorescent carbon nanoparticles. Surface and Interface Analysis, 2020, 52, 98-109.	1.8	5
8	Direct photocatalytic synthesis of N2/H2O to ammonia by plasmonic metal Pt supported on coal based graphene oxide/silica dioxide. Reaction Kinetics, Mechanisms and Catalysis, 2020, 130, 1155-1170.	1.7	6
9	Synthesis and Visible-Light Photocatalytic N2/H2O to Ammonia of Au@CDs Core-Shell Nanocatalyst. Nano, 2020, 15, 2050103.	1.0	4
10	Photocatalytic synthesis of N2/H2O to ammonia on coal based GO/SiO2 supported Ru composite catalyst. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	7
11	Synthesis and visible-light photocatalytic N2/H2O to ammonia of ZnS nanoparticles supported by petroleum pitch-based graphene oxide. Applied Surface Science, 2019, 493, 514-524.	6.1	26
12	Photo-derived fixation of dinitrogen into ammonia at ambient condition with water on ruthenium/coal-based carbon nanosheets. Science of the Total Environment, 2019, 695, 133865.	8.0	9
13	Preparation of coal-based graphene oxide/SiO2 nanosheet and loading ZnO nanorod for photocatalytic Fenton-like reaction. Applied Surface Science, 2019, 498, 143835.	6.1	37
14	Fixation of Nitrogen to Ammonia with Photocatalytic on Petroleum Pitch-Based Graphene Oxide Supported Nickel/Nickel Oxide Composite Catalyst. Journal of Physical Chemistry C, 2019, 123, 31119-31129.	3.1	20
15	Synthesis and visible-light photocatalytic CO2/H2O reduction to methyl formate of TiO2 nanoparticles coated by aminated cellulose. Applied Surface Science, 2019, 466, 535-544.	6.1	18
16	Synthesis and photocatalytic CO2 reduction performance of Cu2O/Coal-based carbon nanoparticle composites. Chemical Physics Letters, 2018, 700, 27-35.	2.6	27
17	Preparation of Cuprous Oxide Nanoparticles Coated with Aminated Cellulose for the Photocatalytic Reduction of Carbon Dioxide to Methanol. Energy Technology, 2018, 6, 1168-1177.	3.8	20
18	Synthesis and photocatalytic CO₂ reduction performance of aminated coal-based carbon nanoparticles. RSC Advances, 2018, 8, 35989-35997.	3.6	13

#	Article	IF	Citations
19	Preparation and photocatalytic CO₂ reduction performance of silver nanoparticles coated with coal-based carbon dots. International Journal of Energy Research, 2018, 42, 4458-4469.	4.5	21
20	Preparation of cellulose-based fluorescent carbon nanoparticles and their application in trace detection of Pb(<scp>ii</scp>). RSC Advances, 2017, 7, 2842-2850.	3.6	24
21	Preparation of coal-based C-Dots/TiO2 and its visible-light photocatalytic characteristics for degradation of pulping black liquor. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 345, 54-62.	3.9	37
22	Effect of pH conditions on the depolymerization of Wucaiwan coal by mixed acids/ultrasound method and the product structures and performance. International Journal of Coal Science and Technology, 2017, 4, 342-353.	6.0	4
23	Enhanced fluorescence properties of carbon dots in polymer films. Journal of Materials Chemistry C, 2016, 4, 6967-6974.	5.5	74
24	Boron Nitride Nanomaterials for Thermal Management Applications. ChemPhysChem, 2015, 16, 1339-1346.	2.1	119
25	Synthesis and phase transition energy storage capability of a cross-linked PEG/LACE copolymer. RSC Advances, 2015, 5, 20051-20057.	3.6	5
26	Oil absorbency of cellulose/butylmethacrylate graft polymer fibers. Iranian Polymer Journal (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	9
27	Versatility with carbon dots â€“ from overcooked BBQ to brightly fluorescent agents and photocatalysts. RSC Advances, 2013, 3, 15604.	3.6	108