

Halidan Maimaiti

List of Publications by Year in descending order

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27
papers

659
citations

623734

14
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

948
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron Nitride Nanomaterials for Thermal Management Applications. ChemPhysChem, 2015, 16, 1339-1346.	2.1	119
2	Versatility with carbon dots “ from overcooked BBQ to brightly fluorescent agents and photocatalysts. RSC Advances, 2013, 3, 15604.	3.6	108
3	Enhanced fluorescence properties of carbon dots in polymer films. Journal of Materials Chemistry C, 2016, 4, 6967-6974.	5.5	74
4	Preparation of coal-based C-Dots/TiO ₂ 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
5	Preparation of coal-based graphene oxide/SiO ₂ nanosheet and loading ZnO nanorod for photocatalytic Fenton-like reaction. Applied Surface Science, 2019, 498, 143835.	6.1	37
6	Photocatalytic Synthesis of Urea (CO ₂ /N ₂ /H ₂ O) on Coal-Based Carbon Nanotubes with the Fe-Core-Supported Ti ³⁺ -TiO ₂ Composite Catalyst. ACS Sustainable Chemistry and Engineering, 2021, 9, 6991-7002.	6.7	30
7	Synthesis and photocatalytic CO ₂ reduction performance of Cu ₂ O/Coal-based carbon nanoparticle composites. Chemical Physics Letters, 2018, 700, 27-35.	2.6	27
8	Synthesis and visible-light photocatalytic N ₂ /H ₂ O to ammonia of ZnS nanoparticles supported by petroleum pitch-based graphene oxide. Applied Surface Science, 2019, 493, 514-524.	6.1	26
9	Preparation of cellulose-based fluorescent carbon nanoparticles and their application in trace detection of Pb(II). RSC Advances, 2017, 7, 2842-2850.	3.6	24
10	Preparation and photocatalytic CO ₂ reduction performance of silver nanoparticles coated with coal-based carbon dots. International Journal of Energy Research, 2018, 42, 4458-4469.	4.5	21
11	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
12	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
13	Synthesis and visible-light photocatalytic CO ₂ /H ₂ O reduction to methyl formate of TiO ₂ nanoparticles coated by aminated cellulose. Applied Surface Science, 2019, 466, 535-544.	6.1	18
14	Preparation of a Coal-Based MoS ₂ /SiO ₂ /GO Composite Catalyst and Its Performance in the Photocatalytic Degradation of Wastewater and Hydrogen Production. Langmuir, 2022, 38, 3305-3315.	3.5	14
15	Synthesis and photocatalytic CO ₂ reduction performance of aminated coal-based carbon nanoparticles. RSC Advances, 2018, 8, 35989-35997.	3.6	13
16	Preparation and photocatalytic N ₂ /H ₂ O to ammonia performance of cadmium sulfide/carbon nanoscrolls. Applied Surface Science, 2021, 542, 148639.	6.1	13
17	Oil absorbency of cellulose/butylmethacrylate graft polymer fibers. Iranian Polymer Journal (English) Tj ETQq1 1 0.784314 rgBT /Overlo 2.4 9	2.4	9
18	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

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19	Photoelectrocatalytic degradation of wastewater and simultaneous hydrogen production on copper nanorod-supported coal-based N-carbon dot composite nanocatalysts. <i>Applied Surface Science</i> , 2022, 585, 152701.	6.1	9
20	Photocatalytic synthesis of N ₂ /H ₂ O to ammonia on coal based GO/SiO ₂ supported Ru composite catalyst. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	7
21	Direct photocatalytic synthesis of N ₂ /H ₂ O to ammonia by plasmonic metal Pt supported on coal based graphene oxide/silica dioxide. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 130, 1155-1170.	1.7	6
22	Synthesis and phase transition energy storage capability of a cross-linked PEG/LACE copolymer. <i>RSC Advances</i> , 2015, 5, 20051-20057.	3.6	5
23	A comparative study on the preparation methods and properties of coal-based fluorescent carbon nanoparticles. <i>Surface and Interface Analysis</i> , 2020, 52, 98-109.	1.8	5
24	Effect of pH conditions on the depolymerization of Wucaiwan coal by mixed acids/ultrasound method and the product structures and performance. <i>International Journal of Coal Science and Technology</i> , 2017, 4, 342-353.	6.0	4
25	Synthesis and Visible-Light Photocatalytic N ₂ /H ₂ O to Ammonia of Au@CDs Core-Shell Nanocatalyst. <i>Nano</i> , 2020, 15, 2050103.	1.0	4
26	Synthesis of Petroleum Pitch-Based Graphene Oxide/Tungsten Trioxide Nanorod and Study On Photocatalytic Reduction of CO ₂ . <i>Nano</i> , 2021, 16, 2150045.	1.0	0
27	Preparation of Ti ³⁺ -TiO ₂ Supported Petroleum Pitch-Based Three-Dimensional Graphene Oxide Composite Photocatalysts for Photocatalysis of N ₂ /H ₂ O into Ammonia. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4762-4773.	3.1	0