

Jingling Yang

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,652
citations

331670

21
h-index

361022

35
g-index

36
all docs

36
docs citations

36
times ranked

2096
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress on the removal of antibiotic pollutants using photocatalytic oxidation process. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1401-1448.	12.8	72
2	Realizing a redox-robust Ag/MnO ₂ catalyst for efficient wet catalytic ozonation of S-VOCs: Promotional role of Ag(0)/Ag(I)-Mn based redox shuttle. <i>Applied Catalysis B: Environmental</i> , 2022, 303, 120881.	20.2	43
3	Efficient ozone decomposition over bifunctional Co ₃ Mn-layered double hydroxide with strong electronic interaction. <i>Chinese Chemical Letters</i> , 2022, 33, 4679-4682.	9.0	24
4	Efficient Catalytic Elimination of CH ₃ SH by a Wet-Piezotronics System over Ag Cluster-Deposited BaTiO ₃ with Electronic Metal-Support Interaction. <i>ACS ES&T Engineering</i> , 2022, 2, 1179-1187.	7.6	10
5	What is the role of light in persulfate-based advanced oxidation for water treatment?. <i>Water Research</i> , 2021, 189, 116627.	11.3	214
6	Highly Selective Conversion of Glycerol to Formic Acid over a Synergistic Au/Phosphotungstic Acid Catalyst under Nanoconfinement. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3571-3579.	6.7	18
7	CsPbBr ₃ Perovskite Nanocrystal: A Robust Photocatalyst for Realizing NO Abatement. <i>ACS ES&T Engineering</i> , 2021, 1, 1021-1027.	7.6	18
8	Realizing ultrathin silica membranes with straight-through channels for high-performance organic solvent nanofiltration (OSN). <i>Journal of Membrane Science</i> , 2021, 627, 119224.	8.2	8
9	Silver embedded in defective twin brush-like ZnO for efficient and stable photocatalytic NO removal. <i>Surfaces and Interfaces</i> , 2021, 25, 101298.	3.0	4
10	Enhanced durability of nitric oxide removal on TiO ₂ (P25) under visible light: Enabled by the direct Z-scheme mechanism and enhanced structure defects through coupling with C ₃ N ₅ . <i>Applied Catalysis B: Environmental</i> , 2021, 296, 120372.	20.2	96
11	Mesoporous silica thin films incorporated chitosan mixed matrix nanofiltration membranes for textile wastewater treatment. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 451-461.	1.4	6
12	Enhanced Catalytic Ozonation for Eliminating CH ₃ SH via Graphene-Supported Positively Charged Atomic Pt Undergoing Pt ²⁺ /Pt ⁴⁺ Redox Cycle. <i>Environmental Science & Technology</i> , 2021, 55, 16723-16734.	10.0	47
13	In-situ fabrication of AgI-BiOI nanoflake arrays film photoelectrode for efficient wastewater treatment, electricity production and enhanced recovery of copper in photocatalytic fuel cell. <i>Catalysis Today</i> , 2020, 339, 379-390.	4.4	20
14	Hydroxylamine promoted Fe(III)/Fe(II) cycle on ilmenite surface to enhance persulfate catalytic activation and aqueous pharmaceutical ibuprofen degradation. <i>Catalysis Today</i> , 2020, 358, 294-302.	4.4	34
15	Mesoporous silica-supported V-substituted heteropoly acid for efficient selective conversion of glycerol to formic acid. <i>Journal of Saudi Chemical Society</i> , 2020, 24, 1-8.	5.2	10
16	Defect in reduced graphene oxide tailored selectivity of photocatalytic CO ₂ reduction on Cs ₄ PbBr ₆ perovskite hole-in-microdisk structure. <i>Nano Energy</i> , 2020, 78, 105388.	16.0	64
17	Active site-directed tandem catalysis on CuO/VO-MnO ₂ for efficient and stable catalytic ozonation of S-VOCs under mild condition. <i>Nano Today</i> , 2020, 35, 100944.	11.9	69
18	Photo-assisted peroxydisulfate activation via 2D/2D heterostructure of Ti ₃ C ₂ /g-C ₃ N ₄ for degradation of diclofenac. <i>Chemosphere</i> , 2020, 258, 127339.	8.2	78

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19	Advanced nanoporous separators for stable lithium metal electrodeposition at ultra-high current densities in liquid electrolytes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5095-5104.	10.3	47
20	Mesoporous Silica Thin Membrane with Tunable Pore Size for Ultrahigh Permeation and Precise Molecular Separation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7459-7465.	8.0	21
21	Mycelial pellet-derived heteroatom-doped carbon nanosheets with a three-dimensional hierarchical porous structure for efficient capacitive deionization. <i>Environmental Science: Nano</i> , 2019, 6, 1430-1442.	4.3	33
22	Diatom-Mimicking Ultrahigh-Flux Mesoporous Silica Thin Membrane with Straight-Through Channels for Selective Protein and Nanoparticle Separations. <i>Chemistry of Materials</i> , 2019, 31, 1745-1751.	6.7	27
23	Ordered mesoporous Au/TiO ₂ nanospheres for solvent-free visible-light-driven plasmonic oxidative coupling reactions of amines. <i>Applied Catalysis B: Environmental</i> , 2018, 231, 283-291.	20.2	92
24	One-step synthesis of silicon carbide foams supported hierarchical porous sludge-derived activated carbon as efficient odor gas adsorbent. <i>Journal of Hazardous Materials</i> , 2018, 344, 33-41.	12.4	28
25	Ultrathin nanobelts-assembled Chinese knot-like 3D TiO ₂ for fast and stable lithium storage. <i>Nano Research</i> , 2018, 11, 2116-2128.	10.4	14
26	Hierarchical Ta-Doped TiO ₂ Nanorod Arrays with Improved Charge Separation for Photoelectrochemical Water Oxidation under FTO Side Illumination. <i>Nanomaterials</i> , 2018, 8, 983.	4.1	12
27	Enhanced Performance and Conversion Pathway for Catalytic Ozonation of Methyl Mercaptan on Single-Atom Ag Deposited Three-Dimensional Ordered Mesoporous MnO ₂ . <i>Environmental Science & Technology</i> , 2018, 52, 13399-13409.	10.0	134
28	Carbohydrates-Derived Nitrogen-Doped Hierarchical Porous Carbon for Ultrasensitive Detection of 4-Nitrophenol. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17391-17401.	6.7	55
29	Ta-Doped porous TiO ₂ nanorod arrays by substrate-assisted synthesis: efficient photoelectrocatalysts for water oxidation. <i>Nanoscale</i> , 2018, 10, 19367-19374.	5.6	15
30	Three-dimensional hierarchical porous sludge-derived carbon supported on silicon carbide foams as effective and stable Fenton-like catalyst for odorous methyl mercaptan elimination. <i>Journal of Hazardous Materials</i> , 2018, 358, 136-144.	12.4	38
31	Hollow nanocubes constructed from $\langle 001 \rangle$ oriented anatase TiO ₂ nanoarrays: topotactic conversion and fast lithium-ion storage. <i>CrystEngComm</i> , 2017, 19, 2456-2463.	2.6	11
32	Chestnut-Like TiO ₂ @Fe ₂ O ₃ Core-Shell Nanostructures with Abundant Interfaces for Efficient and Ultralong Life Lithium-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 354-361.	8.0	56
33	Completely $\langle 001 \rangle$ oriented anatase TiO ₂ nanoarrays: topotactic growth and orientation-related efficient photocatalysis. <i>Nanoscale</i> , 2015, 7, 13888-13897.	5.6	22
34	Ultrathin Anatase TiO ₂ Nanosheets Embedded with TiO ₂ Nanodomains for Lithium-Ion Storage: Capacity Enhancement by Phase Boundaries. <i>Advanced Energy Materials</i> , 2015, 5, 1401756.	19.5	208
35	Visible-Light-Induced Activity of AgI-BiOI Composites for Removal of Organic Contaminants from Water and Wastewater. <i>ACS Symposium Series</i> , 2013, , 277-290.	0.5	3