Jun-Kang Guo

List of Publications by Year
in descending order

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28	1,119	394421	501196
papers	citations	19 h-index	28 g-index

28	28	28	958
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activity and Stability Boosting of an Oxygenâ€Vacancyâ€Rich BiVO₄ Photoanode by NiFeâ€MOFs Thin Layer for Water Oxidation. Angewandte Chemie - International Edition, 2021, 60, 1433-1440.	13.8	205
2	Boosted Photocatalytic Oxidation of Toluene into Benzaldehyde on CdIn₂S₄-CdS: Synergetic Effect of Compact Heterojunction and S-Vacancy. ACS Catalysis, 2021, 11, 2492-2503.	11.2	136
3	CdS nanorods anchored with CoS2 nanoparticles for enhanced photocatalytic hydrogen production. Applied Catalysis A: General, 2019, 588, 117281.	4.3	72
4	Bi2MoO6/g-C3N4 of 0D/2D heterostructure as efficient photocatalyst for selective oxidation of aromatic alkanes. Applied Surface Science, 2019, 490, 102-108.	6.1	69
5	Aqueous Metal-Free Atom Transfer Radical Polymerization: Experiments and Model-Based Approach for Mechanistic Understanding. Macromolecules, 2018, 51, 2367-2376.	4.8	61
6	Facile Fabrication of Octahedral CdSâ€“ZnS by Cation Exchange for Photocatalytic Toluene Selective Oxidation. ACS Sustainable Chemistry and Engineering, 2020, 8, 1302-1310.	6.7	59
7	Double-Shell and Flower-Like ZnSâ€“C₃N₄ Derived from in Situ Supramolecular Self-Assembly for Selective Aerobic Oxidation of Amines to Imines. ACS Sustainable Chemistry and Engineering, 2019, 7, 14203-14209.	6.7	50
8	Kinetic Insights into the Iron-Based Electrochemically Mediated Atom Transfer Radical Polymerization of Methyl Methacrylate. Macromolecules, 2016, 49, 4038-4046.	4.8	43
9	Kinetic insight into electrochemically mediated ATRP gained through modeling. AICHE Journal, 2015, 61, 4347-4357.	3.6	41
10	Boosted Activity for Toluene Selective Photooxidation over Fe-Doped Bi₂WO₆. Industrial & Engineering Chemistry Research, 2020, 59, 13528-13538.	3.7	37
11	Preparation of Helical BiVO₄/Ag/C₃N₄ for Selective Oxidation of Câ€“H Bond under Visible Light Irradiation. ACS Sustainable Chemistry and Engineering, 2019, 7, 17500-17506.	6.7	36
12	Activity and Stability Boosting of an Oxygenâ€Vacancyâ€Rich BiVO₄ Photoanode by NiFeâ€MOFs Thin Layer for Water Oxidation. Angewandte Chemie, 2021, 133, 1453-1460.	2.0	33
13	Efficient photocatalytic toluene selective oxidation over Cs3Bi1.8Sb0.2Br9 Nanosheets: Enhanced charge carriers generation and Câ€“H bond dissociation. Chemical Engineering Science, 2022, 247, 116983.	3.8	32
14	A novel and efficient route for aryl ketones generation over Co3O4/Ag@C3N4 photocatalyst. Chemical Engineering Science, 2019, 207, 271-279.	3.8	28
15	Regulating MoS2 edge site for photocatalytic nitrogen fixation: A theoretical and experimental study. Chemical Engineering Journal, 2022, 442, 136211.	12.7	27
16	Photoinduced Iron(III)-Mediated Atom Transfer Radical Polymerization with In Situ Generated Initiator: Mechanism and Kinetics Studies. Industrial & Engineering Chemistry Research, 2016, 55, 10235-10242.	3.7	26
17	Ironâ€based electrochemically mediated atom transfer radical polymerization with tunable catalytic activity. AICHE Journal, 2018, 64, 961-969.	3.6	22
18	Electrochemically mediated ATRP process intensified by ionic liquid: A â€œflashâ€•polymerization of methyl acrylate. Chemical Engineering Journal, 2019, 372, 163-170.	12.7	20

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19	Visible-Light-Induced Atom-Transfer-Radical Polymerization with a ppm-Level Iron Catalyst. Industrial & Engineering Chemistry Research, 2017, 56, 4949-4956.	3.7	19
20	Photoinduced Fe-mediated atom transfer radical polymerization in aqueous media. Polymer Chemistry, 2017, 8, 7360-7368.	3.9	19
21	Fabrication of Ag3PO4/Ag/MoO3-x Z-scheme system with excellent photocatalytic degradation performance under visible light irradiation. Materials Chemistry and Physics, 2020, 253, 123325.	4.0	16
22	Fabrication of Mo2C-QDs/C/Bi2MoO6 composite as efficient photocatalyst for aerobic oxidation of amines to imines. Applied Surface Science, 2021, 541, 148476.	6.1	14
23	How the catalyst circulates and works in organocatalyzed atom transfer radical polymerization. AICHE Journal, 2018, 64, 2581-2591.	3.6	12
24	Synthesis of Submicron-Sized SAPO-34 as Efficient Catalyst for Olefin Generation from CH₃Br. Industrial & Engineering Chemistry Research, 2019, 58, 18582-18589.	3.7	11
25	Kinetic features of <scp>ironâ€based</scp> electrochemically mediated <scp>ATRP</scp> revealed by Monte Carlo simulation. AICHE Journal, 2021, 67, e17098.	3.6	11
26	Assessment of Microwave Effect on Polymerization Conducted under ARGET ATRP Conditions. Macromolecular Reaction Engineering, 2018, 12, 1700032.	1.5	9
27	Enhanced Photocatalytic Activity for Selective Oxidation of Toluene over Cubicâ€“Hexagonal CdS Phase Junctions. Industrial & Engineering Chemistry Research, 2021, 60, 11106-11116.	3.7	7
28	Efficient and versatile synthesis of imines from alcohols and amines over CdS-SnS2 of heterostructure under visible-light irradiation. Applied Catalysis A: General, 2022, 640, 118660.	4.3	4