

Qiangqiang Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

333
citations

933264

10
h-index

839398

18
g-index

24
all docs

24
docs citations

24
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesizing Co ₃ O ₄ -BiVO ₄ /g-C ₃ N ₄ heterojunction composites for superior photocatalytic redox activity. Separation and Purification Technology, 2020, 239, 116562.	3.9	99
2	Multiscale cellulose-based self-assembly of hierarchical structure for photocatalytic degradation of organic pollutant. Cellulose, 2020, 27, 5241-5253.	2.4	30
3	One-pot preparation of porous piezoresistive sensor with high strain sensitivity via emulsion-templated polymerization. Composites Part A: Applied Science and Manufacturing, 2017, 101, 195-198.	3.8	27
4	Enhanced photocatalytic conversion of (3D/2D) BiVO ₄ @Polypyrrole/g-C ₃ N ₄ ternary composites with Z-scheme band alignment for the Antibiotic removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 624, 126783.	2.3	23
5	Construction of perylene diimide/CuS supramolecular heterojunction for the highly efficient visible light-driven environmental remediation. Journal of Colloid and Interface Science, 2022, 606, 898-911.	5.0	22
6	Synthesis of stilbene, 1,4-distyrylbenzene and 4,4'-distyrylbiphenyl via Horner-Wadsworth-Emmons reaction in phase-transfer catalysis system. Dyes and Pigments, 2013, 99, 339-347.	2.0	16
7	Two-step method to prepare the direct Z-scheme heterojunction hierarchical flower-like Ag@AgBr/Bi ₂ MoO ₆ microsphere photocatalysts for waste water treatment under visible light. Journal of Materials Science: Materials in Electronics, 2020, 31, 5054-5067.	1.1	14
8	Coloring properties of novel 1,4-distyrylbenzene and 4,4'-distyrylbiphenyl fluorescent brighteners and their arrangement in cotton and polyester fiber. Cellulose, 2014, 21, 2937-2950.	2.4	11
9	Anion exchange cycle of catalyst in liquid-liquid phase-transfer catalysis reaction: Novel autocatalysis. Chemical Engineering Journal, 2015, 262, 756-765.	6.6	11
10	Novel kinetics model for the crosslinking reaction of 1,2,3,4-butanetetracarboxylic acid with cellulose within cotton fabrics. Cellulose, 2021, 28, 5071-5085.	2.4	11
11	Kinetics and mechanism of Horner-Wadsworth-Emmons reaction of weakly acidic phosphonate in solid-liquid phase-transfer catalysis system. Catalysis Communications, 2013, 36, 98-103.	1.6	10
12	Control over ABA-type triblock copolymer latex morphology in RAFT miniemulsion polymerization and mechanical properties of the latex films. Colloid and Polymer Science, 2017, 295, 891-902.	1.0	9
13	Environmental impact on the light and perspiration stability of triazinylstilbene fluorescent brighteners on cotton fabrics. Fibers and Polymers, 2014, 15, 1915-1920.	1.1	7
14	Novel kinetics model for third-liquid phase-transfer catalysis system of the α -complex-carbanion: Competitive role between catalytic cycles. Chemical Engineering Journal, 2015, 280, 782-795.	6.6	7
15	Static phase transfer catalysis for Williamson reactions: Pickering interfacial catalysis. Catalysis Science and Technology, 2019, 9, 3445-3453.	2.1	7
16	Catalytic Process for the Hydroxide-Initiated Reaction of the α -Weakly Acidic-Substrate in the Third-Liquid Phase-Transfer Catalytic System. Industrial & Engineering Chemistry Research, 2018, 57, 13318-13326.	1.8	6
17	Third-Liquid Phase Transfer Catalysis for Horner-Wadsworth-Emmons Reactions of α -Moderately Acidic and α -Weakly Acidic-Phosphonates. Industrial & Engineering Chemistry Research, 2016, 55, 7604-7611.	1.8	5
18	Mechanism and kinetics of Horner-Wadsworth-Emmons reaction in liquid-liquid phase-transfer catalytic system. Journal of Molecular Catalysis A, 2015, 400, 111-120.	4.8	4

#	ARTICLE	IF	CITATIONS
19	Cotton Fabric-Supported Cationic Acrylate Polymer as an Efficient and Recyclable Catalyst for Williamson Ether Synthesis Reaction in Solid-Liquid Phase Transfer Catalysis System. ACS Omega, 2020, 5, 21468-21475.	1.6	4
20	Facile construction of thermo-responsive Pickering emulsion for esterification reaction in phase transfer catalysis system. Molecular Catalysis, 2021, 500, 111335.	1.0	3
21	Durable Hydrophilic Modification of Wool Scales with Reactive Surfactants in Saturated Neutral Salt System. Fibers and Polymers, 2020, 21, 2769-2779.	1.1	3
22	Enhanced synergistic catalysis by a light-harvesting binary organic dyes system based on FRET for cross-dehydrogenative-coupling reaction. Dyes and Pigments, 2022, 200, 110156.	2.0	3
23	Differences between ab initio emulsion and miniemulsion polymerization of styrene mediated by an alkenyl-functionalized amphiphilic RAFT agent. Colloid and Polymer Science, 2018, 296, 1615-1625.	1.0	1