

Yu-Zhen Chen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

4,194
citations

567281

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839539

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docs citations

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times ranked

6561
citing authors

#	ARTICLE	IF	CITATIONS
1	From Bimetallic Metal-Organic Framework to Porous Carbon: High Surface Area and Multicomponent Active Dopants for Excellent Electrocatalysis. <i>Advanced Materials</i> , 2015, 27, 5010-5016.	21.0	1,224
2	Metal-organic framework-derived porous materials for catalysis. <i>Coordination Chemistry Reviews</i> , 2018, 362, 1-23.	18.8	737
3	Singlet Oxygen-Engaged Selective Photo-Oxidation over Pt Nanocrystals/Porphyrinic MOF: The Roles of Photothermal Effect and Pt Electronic State. <i>Journal of the American Chemical Society</i> , 2017, 139, 2035-2044.	13.7	616
4	Multifunctional PdAg@MIL-101 for One-Pot Cascade Reactions: Combination of Host-Guest Cooperation and Bimetallic Synergy in Catalysis. <i>ACS Catalysis</i> , 2015, 5, 2062-2069.	11.2	363
5	Tiny Pd@Co Core-Shell Nanoparticles Confined inside a Metal-Organic Framework for Highly Efficient Catalysis. <i>Small</i> , 2015, 11, 71-76.	10.0	215
6	Conversion of a metal-organic framework to N-doped porous carbon incorporating Co and CoO nanoparticles: direct oxidation of alcohols to esters. <i>Chemical Communications</i> , 2015, 51, 8292-8295.	4.1	191
7	Porphyrinic Metal-Organic Framework Catalyzed Heck-Reaction: Fluorescence Turn-On Sensing of Cu(II) Ion. <i>Chemistry of Materials</i> , 2016, 28, 6698-6704.	6.7	161
8	One-pot tandem catalysis over Pd@MIL-101: boosting the efficiency of nitro compound hydrogenation by coupling with ammonia borane dehydrogenation. <i>Chemical Communications</i> , 2015, 51, 10419-10422.	4.1	157
9	Palladium nanoparticles stabilized with N-doped porous carbons derived from metal-organic frameworks for selective catalysis in biofuel upgrade: the role of catalyst wettability. <i>Green Chemistry</i> , 2016, 18, 1212-1217.	9.0	148
10	Location determination of metal nanoparticles relative to a metal-organic framework. <i>Nature Communications</i> , 2019, 10, 3462.	12.8	99
11	Low-cost CuNi@MIL-101 as an excellent catalyst toward cascade reaction: integration of ammonia borane dehydrogenation with nitroarene hydrogenation. <i>Chemical Communications</i> , 2017, 53, 12361-12364.	4.1	92
12	Three-Shell Cu@Co@Ni Nanoparticles Stabilized with a Metal-Organic Framework for Enhanced Tandem Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 940-947.	8.0	58
13	Encapsulating Copper Nanocrystals into Metal-Organic Frameworks for Cascade Reactions by Photothermal Catalysis. <i>Small</i> , 2021, 17, e2004481.	10.0	52
14	A seed-mediated approach to the general and mild synthesis of non-noble metal nanoparticles stabilized by a metal-organic framework for highly efficient catalysis. <i>Materials Horizons</i> , 2015, 2, 606-612.	12.2	42
15	Metal-Organic Frameworks: From Bimetallic Metal-Organic Framework to Porous Carbon: High Surface Area and Multicomponent Active Dopants for Excellent Electrocatalysis (<i>Adv. Mater.</i> 34/2015). <i>Advanced Materials</i> , 2015, 27, 5009-5009.	21.0	21
16	Novel CoNi-metal-organic framework crystal-derived CoNi@C: synthesis and effective cascade catalysis. <i>Dalton Transactions</i> , 2020, 49, 10567-10573.	3.3	10
17	Photocatalytic cascade reactions and dye degradation over CdS-metal-organic framework hybrids. <i>RSC Advances</i> , 2021, 11, 35326-35330.	3.6	6
18	Metal-Organic Frameworks: Tiny Pd@Co Core-Shell Nanoparticles Confined inside a Metal-Organic Framework for Highly Efficient Catalysis (<i>Small</i> 1/2015). <i>Small</i> , 2015, 11, 70-70.	10.0	2