Yu-Zhen Chen

List of Publications by Year
in descending order

18 papers	4,194 citations	567281 15 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	6561 citing authors

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