Bunyarat Rungtaweevoranit

List of Publications by Year
in descending order

21 papers	2,114 citations	840585 11 h-index	752573 20 g-index
23 all docs	23 docs citations	23 times ranked	3713 citing authors

#	Article	IF	Citations
1	Plasmon-Enhanced Photocatalytic CO₂ Conversion within Metalâ€“Organic Frameworks under Visible Light. Journal of the American Chemical Society, 2017, 139, 356-362.	6.6	511
2	Copper Nanocrystals Encapsulated in Zr-based Metalâ€“Organic Frameworks for Highly Selective CO₂ Hydrogenation to Methanol. Nano Letters, 2016, 16, 7645-7649.	4.5	370
3	Highly Active and Stable Single-Atom Cu Catalysts Supported by a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2019, 141, 5201-5210.	6.6	361
4	Bioinspired Metalâ€“Organic Framework Catalysts for Selective Methane Oxidation to Methanol. Journal of the American Chemical Society, 2018, 140, 18208-18216.	6.6	301
5	Positioning metal-organic framework nanoparticles within the context of drug delivery â€“ A comparison with mesoporous silica nanoparticles and dendrimers. Biomaterials, 2017, 123, 172-183.	5.7	221
6	Docking of Cu^I and Ag^I in Metalâ€“Organic Frameworks for Adsorption and Separation of Xenon. Angewandte Chemie - International Edition, 2021, 60, 3417-3421.	7.2	98
7	Spiers Memorial Lecture: : Progress and prospects of reticular chemistry. Faraday Discussions, 2017, 201, 9-45.	1.6	85
8	Cooperative effects at the interface of nanocrystalline metalâ€“organic frameworks. Nano Research, 2016, 9, 47-58.	5.8	57
9	A facile two-step synthesis of thiophene end-capped aromatic systems. Tetrahedron Letters, 2012, 53, 1816-1818.	0.7	23
10	Tuning CuZn interfaces in metalâ€“organic framework-derived electrocatalysts for enhancement of CO₂ conversion to C₂ products. Catalysis Science and Technology, 2021, 11, 8065-8078.	2.1	17
11	Casting Nanoporous Platinum in Metalâ€“Organic Frameworks. Advanced Materials, 2019, 31, e1807553.	11.1	13
12	Docking of Cu^I and Ag^I in Metalâ€“Organic Frameworks for Adsorption and Separation of Xenon. Angewandte Chemie, 2021, 133, 3459-3463.	1.6	12
13	Solvent effects in integrated reaction-separation process of liquid-phase hydrogenation of furfural to furfuryl alcohol over CuAl2O4 catalysts. Catalysis Communications, 2022, 169, 106468.	1.6	11
14	Development of CaO supported on modified geopolymer catalyst for transesterification of soybean oil to biodiesel. Materials Today Communications, 2021, 29, 102822.	0.9	7
15	Combined in situ XAS and DFT studies on the role of Pt in zeolite-supported metal catalysts for selective n-hexane isomerization. Fuel, 2022, 314, 123099.	3.4	7
16	Insight into Fructose Dehydration over Lewis Acid Î±â€Cu₂P₂O₇ Catalyst. ChemNanoMat, 2021, 7, 292-298.	1.5	6
17	Tuning BrÃ¸nsted and Lewis acidity on phosphated titanium dioxides for efficient conversion of glucose to 5-hydroxymethylfurfural. RSC Advances, 2021, 11, 29196-29206.	1.7	6
18	Identification of Cooperative Reaction Sites in Metalâ€'Organic Framework Catalysts for High Yielding Lactic Acid Production from d â€Xylose. ChemSusChem, 2022, , .	3.6	4

#	Article	IF	Citations
19	Coordination-driven self-assembly of a series of dinuclear M₂L₂ mesocates with a bis-bidentate pyridylimine ligand. Dalton Transactions, 2021, 50, 7736-7743.	1.6	3
20	Nanocatalysts for interconversion of CO2 to fuels and chemicals. , 2021, , 221-237.		0
21	InnenrÃ¼cktitelbild: Docking of Cu^I and Ag^I in Metalâ€“Organic Frameworks for Adsorption and Separation of Xenon (Angew. Chem. 7/2021). Angewandte Chemie, 2021, 133, 3867-3867.	1.6	0