Yajun Gao

List of Publications by Year
in descending order

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13 papers	130 citations	1478505 6 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	119 citing authors

#	Article	IF	Citations
1	Formation of a mixed-valence Cu(<scp>i</scp>)/Cu(<scp>ii</scp>) metalâ€“organic framework with the full light spectrum and high selectivity of CO₂ photoreduction into CH₄. Chemical Science, 2020, 11, 10143-10148.	7.4	40
2	A low symmetry cluster meets a low symmetry ligand to sharply boost MOF thermal stability. Chemical Communications, 2020, 56, 11985-11988.	4.1	19
3	Formation of a N/O/F-Rich and Rooflike Cluster-Based Highly Stable Cu(I/II)-MOF for Promising Pipeline Natural Gas Upgrading by the Recovery of Individual C₃H₈ and C₂H₆ Gases. ACS Applied Materials & Interfaces, 2021, 13, 40713-40723.	8.0	15
4	The interface and surface effects of the bicrystal nanowires on their mechanical behaviors under uniaxial stretching. Journal of Applied Physics, 2010, 108, 074311.	2.5	11
5	Uniaxial tension-induced breaking in the gold nanowire with the influence of defects and temperatures. Journal of Applied Physics, 2011, 110, 084307.	2.5	11
6	Twin boundary spacing-dependent deformation behaviours of twinned silver nanowires. Molecular Simulation, 2015, 41, 1546-1552.	2.0	8
7	Investigation on the mechanical behaviour of faceted Ag nanowires. Molecular Simulation, 2016, 42, 220-228.	2.0	7
8	Modifying a partial corn-sql layer-based (3,3,3,3,4,4)-c topological MOF by substitution of OH^{â^'} with Cl^{â^'} and its highly selective adsorption of C2 hydrocarbons over CH₄. Dalton Transactions, 2021, 50, 4840-4847.	3.3	7
9	Simulate the diffusion of hydrated ions by nanofiltration membrane process with random walk. Molecular Simulation, 2012, 38, 491-497.	2.0	6
10	Grain size effect on the plastic deformation of nanocrystalline silver. Molecular Simulation, 2016, 42, 1202-1208.	2.0	3
11	A study on the effects of twin boundaries and surface morphology on deformation behaviours of silver nanowires. Molecular Simulation, 2015, 41, 1245-1253.	2.0	1
12	Theoretical simulation of chromatographic separation based on random diffusion in the restricted space. Science China Chemistry, 2016, 59, 824-829.	8.2	1
13	10.1063/1.3477323.1. , 2010, , .		1