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	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
2	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
3	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
4	A low symmetry cluster meets a low symmetry ligand to sharply boost MOF thermal stability. Chemical Communications, 2020, 56, 11985-11988.	4.1	19
5	Grain size effect on the plastic deformation of nanocrystalline silver. Molecular Simulation, 2016, 42, 1202-1208.	2.0	3
6	Theoretical simulation of chromatographic separation based on random diffusion in the restricted space. Science China Chemistry, 2016, 59, 824-829.	8.2	1
7	Investigation on the mechanical behaviour of faceted Ag nanowires. Molecular Simulation, 2016, 42, 220-228.	2.0	7
8	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
9	Twin boundary spacing-dependent deformation behaviours of twinned silver nanowires. Molecular Simulation, 2015, 41, 1546-1552.	2.0	8
10	Simulate the diffusion of hydrated ions by nanofiltration membrane process with random walk. Molecular Simulation, 2012, 38, 491-497.	2.0	6
11	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
12	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
13	10.1063/1.3477323.1. , 2010, , .		1