Chuanhui Huang

List of Publications by Year
in descending order

33	1,419	304743	395702
papers	citations	22 h-index	33 g-index

34	34	34	2006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoassembled Interface for Dynamics Tailoring. Accounts of Chemical Research, 2021, 54, 35-45.	15.6	13
2	Spatial Confinement Tunes Cleavage and Reâ€Formation of C=N Bonds in Fluorescent Molecules. Angewandte Chemie, 2021, 133, 14486-14490.	2.0	6
3	Spatial Confinement Tunes Cleavage and Reâ€Formation of C=N Bonds in Fluorescent Molecules. Angewandte Chemie - International Edition, 2021, 60, 14365-14369.	13.8	21
4	Nanoparticle-assembled interface for tailoring dynamics of chemical reactions. , 2021, , .		0
5	Metalâ€“organic framework-derived nitrogen-doped carbon nanotube cages as efficient adsorbents for solid-phase microextraction of polychlorinated biphenyls. Analytica Chimica Acta, 2020, 1095, 99-108.	5.4	46
6	Graphitic carbon nitride derivative with large mesopores as sorbent for solid-phase microextraction of polycyclic aromatic hydrocarbons. Talanta, 2020, 209, 120541.	5.5	28
7	General Strategy to Optimize Gas Evolution Reaction via Assembled Striped-Pattern Superlattices. Journal of the American Chemical Society, 2020, 142, 1857-1863.	13.7	93
8	Understanding the Role of Metalâ€“Organic Frameworks in Surfaceâ€Enhanced Raman Scattering Application. Small, 2020, 16, e2004802.	10.0	73
9	Mechanical and Tribological Performances Enhanced by Selfâ€Assembled Structures. Advanced Materials, 2020, 32, e2002004.	21.0	11
10	Effect of structure: A new insight into nanoparticle assemblies from inanimate to animate. Science Advances, 2020, 6, eaba1321.	10.3	65
11	Universal Strategy for Improving the Sensitivity of Detecting Volatile Organic Compounds by Patterned Arrays. Angewandte Chemie, 2020, 132, 16087-16091.	2.0	4
12	Universal Strategy for Improving the Sensitivity of Detecting Volatile Organic Compounds by Patterned Arrays. Angewandte Chemie - International Edition, 2020, 59, 15953-15957.	13.8	24
13	A fish scale-like magnetic nanomaterial as a highly efficient sorbent for monitoring the changes in auxin levels under cadmium stress. Analyst, The, 2020, 145, 5925-5932.	3.5	7
14	A Metalâ€“Organic Framework Nanosheetâ€Assembled Frame Film with High Permeability and Stability. Advanced Science, 2020, 7, 1903180.	11.2	24
15	Deformable Metalâ€“Organic Framework Nanosheets for Heterogeneous Catalytic Reactions. Journal of the American Chemical Society, 2020, 142, 9408-9414.	13.7	50
16	Ultrastable nitrogen-doped carbon nanotube encapsulated cobalt nanoparticles for magnetic solid-phase extraction of okadaic acid from aquatic samples. Journal of Chromatography A, 2019, 1608, 460404.	3.7	27
17	Movable Hollow Nanoparticles as Reactive Oxygen Scavengers. CheM, 2019, 5, 2378-2387.	11.7	68
18	Chemical bonding of oxygenated carbon nitride nanosheets onto stainless steel fiber for solid-phase microextraction of phthalic acid esters. Analytica Chimica Acta, 2019, 1084, 43-52.	5.4	19

#	Article	IF	Citations
19	Detection of Exhaled Volatile Organic Compounds Improved by Hollow Nanocages of Layered Double Hydroxide on Ag Nanowires. Angewandte Chemie - International Edition, 2019, 58, 16523-16527.	13.8	72
20	Detection of Exhaled Volatile Organic Compounds Improved by Hollow Nanocages of Layered Double Hydroxide on Ag Nanowires. Angewandte Chemie, 2019, 131, 16675-16679.	2.0	51
21	Coordination mode engineering in stacked-nanosheet metalâ€“organic frameworks to enhance catalytic reactivity and structural robustness. Nature Communications, 2019, 10, 2779.	12.8	89
22	A Metastable Crystalline Phase in Twoâ€Dimensional Metallic Oxide Nanoplates. Angewandte Chemie, 2019, 131, 2077-2081.	2.0	7
23	A Metastable Crystalline Phase in Twoâ€Dimensional Metallic Oxide Nanoplates. Angewandte Chemie - International Edition, 2019, 58, 2055-2059.	13.8	19
24	Magnetic Î³-cyclodextrin polymer with compatible cavity promote the magnetic solid-phase extraction of microcystins in water samples. Analytica Chimica Acta, 2019, 1054, 38-46.	5.4	32
25	Effective Extraction of Domoic Acid from Seafood Based on Postsynthetic-Modified Magnetic Zeolite Imidazolate Framework-8 Particles. Analytical Chemistry, 2019, 91, 2418-2424.	6.5	53
26	A stable lead halide perovskite nanocrystals protected by PMMA. Science China Materials, 2018, 61, 363-370.	6.3	55
27	Moisture stable Ni-Zn MOF/g-C3N4 nanoflowers: A highly efficient adsorbent for solid-phase microextraction of PAHs. Journal of Chromatography A, 2018, 1556, 37-46.	3.7	66
28	Metal-organic framework-coated stainless steel fiber for solid-phase microextraction of polychlorinated biphenyls. Journal of Chromatography A, 2018, 1570, 10-18.	3.7	52
29	From lamellar to hierarchical: overcoming the diffusion barriers of sulfide-intercalated layered double hydroxides for highly efficient water treatment. Journal of Materials Chemistry A, 2017, 5, 22506-22511.	10.3	26
30	Understanding the Selective Detection of Fe³⁺ Based on Graphene Quantum Dots as Fluorescent Probes: The K_{sp} of a Metal Hydroxide-Assisted Mechanism. Analytical Chemistry, 2017, 89, 12054-12058.	6.5	143
31	In situ hydrothermal growth of ZnO/g-C3N4 nanoflowers coated solid-phase microextraction fibers coupled with GC-MS for determination of pesticides residues. Analytica Chimica Acta, 2016, 934, 122-131.	5.4	59
32	In situ solvothermal synthesis of metalâ€“organic framework coated fiber for highly sensitive solid-phase microextraction of polycyclic aromatic hydrocarbons. Journal of Chromatography A, 2016, 1436, 1-8.	3.7	91
33	Protonated mesoporous graphitic carbon nitride for rapid and highly efficient removal of microcystins. RSC Advances, 2015, 5, 45368-45375.	3.6	23