

Chuanhui Huang

List of Publications by Year in descending order

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33
papers

1,419
citations

304743

22
h-index

395702

33
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34
all docs

34
docs citations

34
times ranked

2006
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Selective Detection of Fe ³⁺ Based on Graphene Quantum Dots as Fluorescent Probes: The <i>K_i</i> of a Metal Hydroxide-Assisted Mechanism. <i>Analytical Chemistry</i> , 2017, 89, 12054-12058.	6.5	143
2	General Strategy to Optimize Gas Evolution Reaction via Assembled Striped-Pattern Superlattices. <i>Journal of the American Chemical Society</i> , 2020, 142, 1857-1863.	13.7	93
3	In situ solvothermal synthesis of metal-organic framework coated fiber for highly sensitive solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2016, 1436, 1-8.	3.7	91
4	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , 2019, 10, 2779.	12.8	89
5	Understanding the Role of Metal-Organic Frameworks in Surface-Enhanced Raman Scattering Application. <i>Small</i> , 2020, 16, e2004802.	10.0	73
6	Detection of Exhaled Volatile Organic Compounds Improved by Hollow Nanocages of Layered Double Hydroxide on Ag Nanowires. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16523-16527.	13.8	72
7	Movable Hollow Nanoparticles as Reactive Oxygen Scavengers. <i>CheM</i> , 2019, 5, 2378-2387.	11.7	68
8	Moisture stable Ni-Zn MOF/g-C ₃ N ₄ nanoflowers: A highly efficient adsorbent for solid-phase microextraction of PAHs. <i>Journal of Chromatography A</i> , 2018, 1556, 37-46.	3.7	66
9	Effect of structure: A new insight into nanoparticle assemblies from inanimate to animate. <i>Science Advances</i> , 2020, 6, eaba1321.	10.3	65
10	In situ hydrothermal growth of ZnO/g-C ₃ N ₄ nanoflowers coated solid-phase microextraction fibers coupled with GC-MS for determination of pesticides residues. <i>Analytica Chimica Acta</i> , 2016, 934, 122-131.	5.4	59
11	A stable lead halide perovskite nanocrystals protected by PMMA. <i>Science China Materials</i> , 2018, 61, 363-370.	6.3	55
12	Effective Extraction of Domoic Acid from Seafood Based on Postsynthetic-Modified Magnetic Zeolite Imidazolate Framework-8 Particles. <i>Analytical Chemistry</i> , 2019, 91, 2418-2424.	6.5	53
13	Metal-organic framework-coated stainless steel fiber for solid-phase microextraction of polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2018, 1570, 10-18.	3.7	52
14	Detection of Exhaled Volatile Organic Compounds Improved by Hollow Nanocages of Layered Double Hydroxide on Ag Nanowires. <i>Angewandte Chemie</i> , 2019, 131, 16675-16679.	2.0	51
15	Deformable Metal-Organic Framework Nanosheets for Heterogeneous Catalytic Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 9408-9414.	13.7	50
16	Metal-organic framework-derived nitrogen-doped carbon nanotube cages as efficient adsorbents for solid-phase microextraction of polychlorinated biphenyls. <i>Analytica Chimica Acta</i> , 2020, 1095, 99-108.	5.4	46
17	Magnetic β -cyclodextrin polymer with compatible cavity promote the magnetic solid-phase extraction of microcystins in water samples. <i>Analytica Chimica Acta</i> , 2019, 1054, 38-46.	5.4	32
18	Graphitic carbon nitride derivative with large mesopores as sorbent for solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Talanta</i> , 2020, 209, 120541.	5.5	28

#	ARTICLE	IF	CITATIONS
19	Ultrastable nitrogen-doped carbon nanotube encapsulated cobalt nanoparticles for magnetic solid-phase extraction of okadaic acid from aquatic samples. <i>Journal of Chromatography A</i> , 2019, 1608, 460404.	3.7	27
20	From lamellar to hierarchical: overcoming the diffusion barriers of sulfide-intercalated layered double hydroxides for highly efficient water treatment. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22506-22511.	10.3	26
21	Universal Strategy for Improving the Sensitivity of Detecting Volatile Organic Compounds by Patterned Arrays. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15953-15957.	13.8	24
22	A Metal-Organic Framework Nanosheet-Assembled Frame Film with High Permeability and Stability. <i>Advanced Science</i> , 2020, 7, 1903180.	11.2	24
23	Protonated mesoporous graphitic carbon nitride for rapid and highly efficient removal of microcystins. <i>RSC Advances</i> , 2015, 5, 45368-45375.	3.6	23
24	Spatial Confinement Tunes Cleavage and Reformation of C=N Bonds in Fluorescent Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14365-14369.	13.8	21
25	Chemical bonding of oxygenated carbon nitride nanosheets onto stainless steel fiber for solid-phase microextraction of phthalic acid esters. <i>Analytica Chimica Acta</i> , 2019, 1084, 43-52.	5.4	19
26	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2055-2059.	13.8	19
27	Nanoassembled Interface for Dynamics Tailoring. <i>Accounts of Chemical Research</i> , 2021, 54, 35-45.	15.6	13
28	Mechanical and Tribological Performances Enhanced by Self-Assembled Structures. <i>Advanced Materials</i> , 2020, 32, e2002004.	21.0	11
29	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie</i> , 2019, 131, 2077-2081.	2.0	7
30	A fish scale-like magnetic nanomaterial as a highly efficient sorbent for monitoring the changes in auxin levels under cadmium stress. <i>Analyst</i> , 2020, 145, 5925-5932.	3.5	7
31	Spatial Confinement Tunes Cleavage and Reformation of C=N Bonds in Fluorescent Molecules. <i>Angewandte Chemie</i> , 2021, 133, 14486-14490.	2.0	6
32	Universal Strategy for Improving the Sensitivity of Detecting Volatile Organic Compounds by Patterned Arrays. <i>Angewandte Chemie</i> , 2020, 132, 16087-16091.	2.0	4
33	Nanoparticle-assembled interface for tailoring dynamics of chemical reactions. , 2021, , .		0