Shuo Tao

List of Publications by Year
in descending order

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30 papers	602 citations	516710 16 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	690 citing authors

#	Article	IF	Citations
1	Ir nanoclusters/porous N-doped carbon as a bifunctional electrocatalyst for hydrogen evolution and hydrazine oxidation reactions. Chemical Communications, 2022, 58, 2347-2350.	4.1	22
2	Ultrafast synthesis of discrete submicron AlPO4-LTA molecular sieve crystals and their application in molecular sieve membrane. Microporous and Mesoporous Materials, 2022, 334, 111771.	4.4	4
3	Direct Synthesis of An Aluminosilicate POS Zeolite with Intersecting 12Ã—11Ã—11â€Memberâ€Ring Pore Channels by Using a Designed Organic Structureâ€Directing Agent. Chemistry - A European Journal, 2022, 28, .	3.3	1
4	Deoxygenation of stearic acids using alkaline treated beta molecular sieves assisted by microwave irradiation. Catalysis Science and Technology, 2021, 11, 4812-4822.	4.1	7
5	Ionothermal synthesis, physicochemical characterization and catalytic performance of extra-large-pore silicoaluminophosphate zeotype with -CLO structure. Journal of Porous Materials, 2021, 28, 1585-1594.	2.6	4
6	Development of a novel acidic task-specific ionic liquid-based effervescence-assisted microextraction method for determination of triazine herbicides in tea beverage. Talanta, 2020, 208, 120414.	5.5	20
7	MIL-101(Cr)/MWCNTs-functionalized melamine sponges for solid-phase extraction of triazines from corn samples, and their subsequent determination by HPLC-MS/MS. Talanta, 2020, 211, 120676.	5.5	28
8	Facile Synthesis of Hierarchical Nanosized Singleâ€Crystal Aluminophosphate Molecular Sieves from Highly Homogeneous and Concentrated Precursors. Angewandte Chemie, 2020, 132, 3483-3487.	2.0	2
9	Facile Synthesis of Hierarchical Nanosized Singleâ€Crystal Aluminophosphate Molecular Sieves from Highly Homogeneous and Concentrated Precursors. Angewandte Chemie - International Edition, 2020, 59, 3455-3459.	13.8	36
10	Inhibition of Zinc Dendrites in Zinc-Based Flow Batteries. Frontiers in Chemistry, 2020, 8, 557.	3.6	49
11	InnenrÃ¼cktitelbild: Facile Synthesis of Hierarchical Nanosized Singleâ€Crystal Aluminophosphate Molecular Sieves from Highly Homogeneous and Concentrated Precursors (Angew. Chem. 9/2020). Angewandte Chemie, 2020, 132, 3775-3775.	2.0	0
12	In situ growing catalytic sites on 3D carbon fiber paper as self-standing bifunctional air electrodes for air-based flow batteries. Nano Energy, 2019, 63, 103897.	16.0	22
13	Packed hybrids of gold nanoparticles and halloysite nanotubes for dispersive solid phase extraction of triazine herbicides, and their subsequent determination by HPLC. Mikrochimica Acta, 2019, 186, 489.	5.0	11
14	Solid-phase microextraction of triazine herbicides via cellulose paper coated with a metal-organic framework of type MIL-101(Cr), and their quantitation by HPLC-MS. Mikrochimica Acta, 2019, 186, 742.	5.0	33
15	A novel near-infrared fluorescent probe for detecting intracellular alkaline phosphatase and imaging of living cells. Journal of Materials Chemistry B, 2019, 7, 1284-1291.	5.8	47
16	A long-life hybrid zinc flow battery achieved by dual redox couples at cathode. Nano Energy, 2019, 63, 103822.	16.0	34
17	A novel and simple fluorescent sensor based on AgInZnS QDs for the detection of protamine and trypsin and imaging of cells. Sensors and Actuators B: Chemical, 2019, 294, 263-269.	7.8	45
18	A Mn-doped ZnS quantum dots-based ratiometric fluorescence probe for lead ion detection and â€œoff-onâ€•strategy for methyl parathion detection. Talanta, 2019, 204, 13-19.	5.5	39

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19	Confined-space synthesis of hierarchical MgAPO-11 molecular sieves with good hydroisomerization performance. Microporous and Mesoporous Materials, 2018, 262, 182-190.	4.4	22
20	Tetraalkylammonium hydroxide-assisted ionothermal synthesis and characterization of LTA-type aluminophosphate zeotypes with high structural stability after detemplation and hydration. New Journal of Chemistry, 2018, 42, 15453-15459.	2.8	6
21	Critical Temperature of Smart Meta-superconducting MgB2. Journal of Superconductivity and Novel Magnetism, 2017, 30, 1405-1411.	1.8	17
22	Highly mesoporous SAPO-11 molecular sieves with tunable acidity: facile synthesis, formation mechanism and catalytic performance in hydroisomerization of n-dodecane. Catalysis Science and Technology, 2017, 7, 5775-5784.	4.1	57
23	Ionothermal synthesis of LTA-type aluminophosphate molecular sieve membranes with gas separation performance. Microporous and Mesoporous Materials, 2016, 228, 45-53.	4.4	18
24	Improving the Critical Temperature of MgB2 Superconducting Metamaterials Induced by Electroluminescence. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1159-1162.	1.8	17
25	One-step synthesis of honeycomb-like AlPO₄-11 macrostructures based on epitaxial growth and phase transformation mechanisms. Chemical Communications, 2016, 52, 2253-2256.	4.1	4
26	In situ Synthesis of ZIF-8 Membranes with Gas Separation Performance in a Deep Eutectic Solvent. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2016, 32, 1495-1500.	4.9	4
27	Ionothermal synthesis of zeolitic imidazolate frameworks and the synthesis dissolution-crystallization mechanism. Chinese Journal of Catalysis, 2015, 36, 855-865.	14.0	22
28	Facile preparation and fluorescence enhancement of mesoporous Eu-doped-Y2O3 phosphors. Journal of Materials Science: Materials in Electronics, 2015, 26, 5970-5974.	2.2	10
29	Ionothermal synthesis of a CHA-type aluminophosphate molecular sieve membrane and its formation mechanism. Microporous and Mesoporous Materials, 2015, 217, 54-62.	4.4	11
30	Synthesis of discrete aluminophosphate â€“CLO nanocrystals in a eutectic mixture. Journal of Colloid and Interface Science, 2015, 451, 117-124.	9.4	9