

Juan Zhang

List of Publications by Year in descending order

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33
papers

1,614
citations

331670

21
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ growth of boronic acid-decorated metal-organic framework on Fe ₃ O ₄ nanospheres for specific enrichment of cis-diol containing nucleosides. <i>Analytica Chimica Acta</i> , 2022, 1206, 339772.	5.4	22
2	A N-Rich porous carbon nanocube anchored with Co/Fe dual atoms: an efficient bifunctional catalytic host for Li-S batteries. <i>Materials Chemistry Frontiers</i> , 2022, 6, 2095-2102.	5.9	11
3	Boronic acid grafted metal-organic framework for selective enrichment of cis-diol-containing compounds. <i>Journal of Chromatography A</i> , 2022, 1677, 463281.	3.7	12
4	Solidifying Cathode-Electrolyte Interface for Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2000791.	19.5	75
5	Constructing a stable interface between the sulfide electrolyte and the Li metal anode via a Li ⁺ -conductive gel polymer interlayer. <i>Materials Chemistry Frontiers</i> , 2021, 5, 5328-5335.	5.9	12
6	Cobalt phthalocyanine-based nanodots as efficient catalysts for chemical conversion of CO ₂ under ambient conditions. <i>Journal of Materials Science</i> , 2021, 56, 10990-10999.	3.7	9
7	Stabilizing the Electrochemistry of Lithium-Selenium Battery via In situ Gelated Polymer Electrolyte: A Look from Anode. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 298-303.	2.6	8
8	Facile synthesis and immobilization of functionalized covalent organic framework-1 for electrochromatographic separation. <i>Journal of Chromatography A</i> , 2021, 1645, 462130.	3.7	12
9	Formulating the Electrolyte Towards High-Energy and Safe Rechargeable Lithium-Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16554-16560.	13.8	80
10	Zeolitic imidazolate framework-8/ fluorinated graphene coated SiO ₂ composites for pipette tip solid-phase extraction of chlorophenols in environmental and food samples. <i>Talanta</i> , 2021, 228, 122229.	5.5	27
11	Formulating the Electrolyte Towards High-Energy and Safe Rechargeable Lithium-Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 16690-16696.	2.0	12
12	Porphyrin-based covalent organic framework coated stainless steel fiber for solid-phase microextraction of polycyclic aromatic hydrocarbons in water and soil samples. <i>Microchemical Journal</i> , 2021, 168, 106364.	4.5	31
13	Red-Emissive Ruthenium-Containing Carbon Dots for Bioimaging and Photodynamic Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2020, 3, 869-876.	5.0	108
14	A Rational Reconfiguration of Electrolyte for High-Energy and Long-Life Lithium-Chalcogen Batteries. <i>Advanced Materials</i> , 2020, 32, e2000302.	21.0	88
15	Enabling SiO _x /C Anode with High Initial Coulombic Efficiency through a Chemical Pre-Lithiation Strategy for High-Energy-Density Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27202-27209.	8.0	112
16	Synthesis of MOF@COF Hybrid Magnetic Adsorbent for Microextraction of Sulfonamides in Food and Environmental Samples. <i>Food Analytical Methods</i> , 2020, 13, 1346-1356.	2.6	41
17	Designing solid-state interfaces on lithium-metal anodes: a review. <i>Science China Chemistry</i> , 2019, 62, 1286-1299.	8.2	86
18	Fabrication of porphyrin-based magnetic covalent organic framework for effective extraction and enrichment of sulfonamides. <i>Analytica Chimica Acta</i> , 2019, 1089, 66-77.	5.4	99

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19	A hybrid material prepared by controlled growth of a covalent organic framework on amino-modified MIL-68 for pipette tip solid-phase extraction of sulfonamides prior to their determination by HPLC. <i>Mikrochimica Acta</i> , 2019, 186, 393.	5.0	79
20	Synthesis and evaluation of novel chiral stationary phases based on N-cyclobutylcarbonyl chitosan derivatives. <i>Microchemical Journal</i> , 2019, 147, 224-231.	4.5	13
21	Rational Design of Robust Si/C Microspheres for High-Tap-Density Anode Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4057-4064.	8.0	111
22	Metalloporphyrin-indomethacin conjugates as new photosensitizers for photodynamic therapy. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 53-60.	2.6	31
23	Magnetically recyclable nanocatalyst with synergetic catalytic effect and its application for 4-nitrophenol reduction and Suzuki coupling reactions. <i>Carbon</i> , 2018, 130, 806-813.	10.3	99
24	Performance comparison of chiral separation materials derived from N-cyclohexylcarbonyl and N-hexanoyl chitosans. <i>Journal of Chromatography A</i> , 2018, 1532, 112-123.	3.7	24
25	Metal-organic frameworks as stationary phase for application in chromatographic separation. <i>Journal of Chromatography A</i> , 2017, 1530, 1-18.	3.7	125
26	Novel Uniform Fe ₃ O ₄ Hollow Spheres for Magnetic Solid-phase Extraction of Polycyclic Aromatic Hydrocarbons. <i>Analytical Sciences</i> , 2017, 33, 999-1005.	1.6	22
27	Synthesis of substituted phenylcarbamates of N-cyclobutylformylated chitosan and their application as chiral selectors in enantioseparation. <i>Analyst</i> , The, 2016, 141, 4470-4480.	3.5	28
28	Preparation and Enantioseparation of Biselecter Chiral Stationary Phases Based on Amylose and Chitin Derivatives. <i>Analytical Sciences</i> , 2015, 31, 1091-1097.	1.6	13
29	Enantioseparation characteristics of tadalafil and its intermediate on chitin derived chiral stationary phases. <i>Analyst</i> , The, 2015, 140, 5593-5600.	3.5	20
30	Polydopamine-based immobilization of zeolitic imidazolate framework-8 for in-tube solid-phase microextraction. <i>Journal of Chromatography A</i> , 2015, 1388, 9-16.	3.7	83
31	Growth of metal-organic framework HKUST-1 in capillary using liquid-phase epitaxy for open-tubular capillary electrochromatography and capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015, 1381, 239-246.	3.7	74
32	Quantitative determination of 16 polycyclic aromatic hydrocarbons in soil samples using solid-phase microextraction. <i>Journal of Separation Science</i> , 2009, 32, 3951-3957.	2.5	44
33	Hydrogen Isotope Effects on Aqueous Electrolyte for Electrochemical Lithium-ion Storage. <i>Angewandte Chemie</i> , 0, , .	2.0	3