Juan Zhang

List of Publications by Year in descending order

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	Metal-organic frameworks as stationary phase for application in chromatographic separation. Journal of Chromatography A, 2017, 1530, 1-18.	3.7	125
2	Enabling SiO_x/C Anode with High Initial Coulombic Efficiency through a Chemical Pre-Lithiation Strategy for High-Energy-Density Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 27202-27209.	8.0	112
3	Rational Design of Robust Si/C Microspheres for High-Tap-Density Anode Materials. ACS Applied Materials & Interfaces, 2019, 11, 4057-4064.	8.0	111
4	Red-Emissive Ruthenium-Containing Carbon Dots for Bioimaging and Photodynamic Cancer Therapy. ACS Applied Nano Materials, 2020, 3, 869-876.	5.0	108
5	Magnetically recyclable nanocatalyst with synergetic catalytic effect and its application for 4-nitrophenol reduction and Suzuki coupling reactions. Carbon, 2018, 130, 806-813.	10.3	99
6	Fabrication of porphyrin-based magnetic covalent organic framework for effective extraction and enrichment of sulfonamides. Analytica Chimica Acta, 2019, 1089, 66-77.	5.4	99
7	A Rational Reconfiguration of Electrolyte for Highâ€Energy and Longâ€Life Lithiumâ€“Chalcogen Batteries. Advanced Materials, 2020, 32, e2000302.	21.0	88
8	Designing solid-state interfaces on lithium-metal anodes: a review. Science China Chemistry, 2019, 62, 1286-1299.	8.2	86
9	Polydopamine-based immobilization of zeolitic imidazolate framework-8 for in-tube solid-phase microextraction. Journal of Chromatography A, 2015, 1388, 9-16.	3.7	83
10	Formulating the Electrolyte Towards Highâ€Energy and Safe Rechargeable Lithiumâ€“Metal Batteries. Angewandte Chemie - International Edition, 2021, 60, 16554-16560.	13.8	80
11	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. Mikrochimica Acta, 2019, 186, 393.	5.0	79
12	Solidifying Cathodeâ€“Electrolyte Interface for Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2021, 11, 2000791.	19.5	75
13	Growth of metalâ€“organic framework HKUST-1 in capillary using liquid-phase epitaxy for open-tubular capillary electrochromatography and capillary liquid chromatography. Journal of Chromatography A, 2015, 1381, 239-246.	3.7	74
14	Quantitative determination of 16 polycyclic aromatic hydrocarbons in soil samples using solidâ€phase microextraction. Journal of Separation Science, 2009, 32, 3951-3957.	2.5	44
15	Synthesis of MOF@COF Hybrid Magnetic Adsorbent for Microextraction of Sulfonamides in Food and Environmental Samples. Food Analytical Methods, 2020, 13, 1346-1356.	2.6	41
16	Metalloporphyrinâ€“indomethacin conjugates as new photosensitizers for photodynamic therapy. Journal of Biological Inorganic Chemistry, 2019, 24, 53-60.	2.6	31
17	Porphyrin-based covalent organic framework coated stainless steel fiber for solid-phase microextraction of polycyclic aromatic hydrocarbons in water and soil samples. Microchemical Journal, 2021, 168, 106364.	4.5	31
18	Synthesis of substituted phenylcarbamates of N-cyclobutylformylated chitosan and their application as chiral selectors in enantioseparation. Analyst, The, 2016, 141, 4470-4480.	3.5	28

#	Article	IF	Citations
19	Zeolitic imidazolate framework-8/ fluorinated graphene coated SiO2 composites for pipette tip solid-phase extraction of chlorophenols in environmental and food samples. Talanta, 2021, 228, 122229.	5.5	27
20	Performance comparison of chiral separation materials derived from N-cyclohexylcarbonyl and N-hexanoyl chitosans. Journal of Chromatography A, 2018, 1532, 112-123.	3.7	24
21	Novel Uniform Fe3O4 Hollow Spheres for Magnetic Solid-phase Extraction of Polycyclic Aromatic Hydrocarbons. Analytical Sciences, 2017, 33, 999-1005.	1.6	22
22	In-situ growth of boronic acid-decorated metal-organic framework on Fe3O4 nanospheres for specific enrichment of cis-diol containing nucleosides. Analytica Chimica Acta, 2022, 1206, 339772.	5.4	22
23	Enantioseparation characteristics of tadalafil and its intermediate on chitin derived chiral stationary phases. Analyst, The, 2015, 140, 5593-5600.	3.5	20
24	Preparation and Enantioseparation of Biselector Chiral Stationary Phases Based on Amylose and Chitin Derivatives. Analytical Sciences, 2015, 31, 1091-1097.	1.6	13
25	Synthesis and evaluation of novel chiral stationary phases based on Nâ€˜cyclobutylcarbonyl chitosan derivatives. Microchemical Journal, 2019, 147, 224-231.	4.5	13
26	Constructing a stable interface between the sulfide electrolyte and the Li metal anodeviaa Li⁺-conductive gel polymer interlayer. Materials Chemistry Frontiers, 2021, 5, 5328-5335.	5.9	12
27	Facile synthesis and immobilization of functionalized covalent organic framework-1 for electrochromatographic separation. Journal of Chromatography A, 2021, 1645, 462130.	3.7	12
28	Formulating the Electrolyte Towards Highâ€Energy and Safe Rechargeable Lithiumâ€“Metal Batteries. Angewandte Chemie, 2021, 133, 16690-16696.	2.0	12
29	Boronic acid grafted metal-organic framework for selective enrichment of cis-diol-containing compounds. Journal of Chromatography A, 2022, 1677, 463281.	3.7	12
30	A N-Rich porous carbon nanocube anchored with Co/Fe dual atoms: an efficient bifunctional catalytic host for Liâ€“S batteries. Materials Chemistry Frontiers, 2022, 6, 2095-2102.	5.9	11
31	Cobalt phthalocyanine-based nanodots as efficient catalysts for chemical conversion of CO2 under ambient conditions. Journal of Materials Science, 2021, 56, 10990-10999.	3.7	9
32	Stabilizing the Electrochemistry of Lithium-Selenium Battery via In situ Gelated Polymer Electrolyte: A Look from Anode. Chemical Research in Chinese Universities, 2021, 37, 298-303.	2.6	8
33	Hydrogen Isotope Effects on Aqueous Electrolyte for Electrochemical Lithiumâ€Ion Storage. Angewandte Chemie, 0, , .	2.0	3