Guangsheng Guo

List of Publications by Year
in descending order

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35 papers	2,673 citations	430874 18 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	4414 citing authors

#	Article	IF	Citations
1	Photocatalytic organic pollutants degradation in metalâ€“organic frameworks. Energy and Environmental Science, 2014, 7, 2831-2867.	30.8	1,430
2	Enabling Colloidal Synthesis of Edge-Oriented MoS₂ with Expanded Interlayer Spacing for Enhanced HER Catalysis. Nano Letters, 2017, 17, 1963-1969.	9.1	225
3	Ruthenâ€Oxideâ€Coated Sodium Vanadium Fluorophosphate Nanowires as Highâ€Power Cathode Materials for Sodiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2015, 54, 6452-6456.	13.8	132
4	Ultralow Loading of Silver Nanoparticles on Mn₂O₃ Nanowires Derived with Molten Salts: A High-Efficiency Catalyst for the Oxidative Removal of Toluene. Environmental Science & Technology, 2015, 49, 11089-11095.	10.0	123
5	One-Step, Facile and Ultrafast Synthesis of Phase- and Size-Controlled Ptâ€“Bi Intermetallic Nanocatalysts through Continuous-Flow Microfluidics. Journal of the American Chemical Society, 2015, 137, 6263-6269.	13.7	90
6	Preparation and high catalytic performance of Au/3DOM Mn2O3 for the oxidation of carbon monoxide and toluene. Journal of Hazardous Materials, 2014, 279, 392-401.	12.4	84
7	Microfluidic Synthesis Enables Dense and Uniform Loading of Surfactantâ€Free PtSn Nanocrystals on Carbon Supports for Enhanced Ethanol Oxidation. Angewandte Chemie - International Edition, 2016, 55, 4952-4956.	13.8	73
8	Electrogenerated Chemiluminescence Biosensor with a Tripod Probe for the Highly Sensitive Detection of MicroRNA. Analytical Chemistry, 2019, 91, 1452-1459.	6.5	43
9	Anomalous enhancement of fluorescence of carbon dots through lanthanum doping and potential application in intracellular imaging of ferric ion. Nano Research, 2018, 11, 1369-1378.	10.4	40
10	Supported ceria-modified silver catalysts with high activity and stability for toluene removal. Environment International, 2019, 128, 335-342.	10.0	36
11	A carbon-supported BiSn nanoparticles based novel sensor for sensitive electrochemical determination of Cd (II) ions. Talanta, 2019, 202, 27-33.	5.5	30
12	Pico-HPLC system integrating an equal inner diameter femtopipette into a 900 nm I.D. porous layer open tubular column. Chemical Communications, 2017, 53, 4104-4107.	4.1	29
13	Morphology and chemical characteristics of micro- and Nano-particles in the haze in Beijing studied by XPS and TEM/EDX. Science of the Total Environment, 2016, 565, 827-832.	8.0	28
14	Plasma-assisted alignment in the fabrication of microchannel-array-based in-tube solid-phase microextraction microchips packed with TiO 2 nanoparticles for phosphopeptide analysis. Analytica Chimica Acta, 2018, 1018, 70-77.	5.4	28
15	Aggregation-Induced Electrochemiluminescence of the Dichlorobis(1,10-phenanthroline)ruthenium(II) (Ru(phen)₂Cl₂)/Tri-n-propylamine (TPrA) System in H₂Oâ€“MeCN Mixtures for Identification of Nucleic Acids. Analytical Chemistry, 2020, 92, 9613-9619.	6.5	27
16	GO-META-TiO2 composite monolithic columns for in-tube solid-phase microextraction of phosphopeptides. Talanta, 2019, 192, 360-367.	5.5	26
17	Solid-phase microextraction integrated nanobiosensors for the serial detection of cytoplasmic dopamine in a single living cell. Biosensors and Bioelectronics, 2021, 175, 112915.	10.1	22
18	Three-electron reversible redox for a high-energy fluorophosphate cathode: Na₃V₂O₂(PO₄)₂F. Chemical Communications, 2019, 55, 3979-3982.	4.1	18

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19	Facile one-step photochemical synthesis of water soluble CdTe(S) nanocrystals with high quantum yields. Journal of Materials Chemistry, 2012, 22, 6367.	6.7	17
20	Intact living-cell electrolaunching ionization mass spectrometry for single-cell metabolomics. Chemical Science, 2022, 13, 8065-8073.	7.4	12
21	Determination of Nanoplastics Using a Novel Contactless Conductivity Detector with Controllable Geometric Parameters. Analytical Chemistry, 2022, 94, 1552-1558.	6.5	10
22	Synthesis of PtAu Alloy Nanocrystals in Micelle Nanoreactors Enabled by Flash Heating and Cooling. Particle and Particle Systems Characterization, 2018, 35, 1700413.	2.3	9
23	Inâ€tube solidâ€phase microextraction capillary column packed with mesoporous TiO₂ nanoparticles for phosphopeptide analysis. Electrophoresis, 2019, 40, 2142-2148.	2.4	8
24	Single-particle-frit-based packed columns for microchip chromatographic analysis of neurotransmitters. Talanta, 2020, 215, 120896.	5.5	8
25	Visually precise, low-damage, single-cell spatial manipulation with single-pixel resolution. Chemical Science, 2021, 12, 4111-4118.	7.4	7
26	Distinct correlation between (CN2)x units and pores: a low-cost method for predesigned wide range control of micropore size of porous carbon. Chemical Communications, 2019, 55, 3963-3966.	4.1	6
27	Influence of elution conditions on DNA transport behavior in free solution by hydrodynamic chromatography. Science China Chemistry, 2015, 58, 1605-1611.	8.2	5
28	Controllable fabrication of pico/femtoliter pipette sampling probes and visual sample volume determination. Talanta, 2020, 218, 121096.	5.5	5
29	Silica-Based Nanopipettes for Rapid Living Single-Cell Transfection. ACS Applied Nano Materials, 2021, 4, 6956-6963.	5.0	4
30	Microfluidic Synthesis Enables Dense and Uniform Loading of Surfactantâ€Free PtSn Nanocrystals on Carbon Supports for Enhanced Ethanol Oxidation. Angewandte Chemie, 2016, 128, 5036-5040.	2.0	3
31	Development of <scp>Ultranarrowâ€Bore</scp> Open Tubular High Efficiency Liquid Chromatography. Chinese Journal of Chemistry, 2022, 40, 137-152.	4.9	3
32	Investigation of metformin hydrochlorideâ€“bovine serum albumin interaction by narrow-bore capillary zone electrophoresis. Chemical Communications, 2022, 58, 2926-2929.	4.1	2
33	Controllable Fabrication of Small-Size Holding Pipets for the Nondestructive Manipulation of Suspended Living Single Cells. Analytical Chemistry, 2022, 94, 4924-4929.	6.5	2
34	Displacement Reaction-Assisted Synthesis of Sub-Nanometer Pt/Bi Boost Methanol-Tolerant Fuel Cells. Nanomaterials, 2022, 12, 1301.	4.1	2
35	Wavelength selective photoactivated autocatalytic oxidation of 5,12-dihydrobenzo[b]phenazine and its application in metal-free synthesis. RSC Advances, 2020, 10, 9949-9954.	3.6	1