

# Guangsheng Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2280150/publications.pdf>

Version: 2024-02-01

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  | Development of Ultranarrow-Bore Open Tubular High Efficiency Liquid Chromatography. Chinese Journal of Chemistry, 2022, 40, 137-152.   | 4.9  | 3         |
| 2  | Investigation of metformin hydrochloride-bovine serum albumin interaction by narrow-bore capillary zone electrophoresis. Chemical Communications, 2022, 58, 2926-2929.   | 4.1  | 2         |
| 3  | Determination of Nanoplastics Using a Novel Contactless Conductivity Detector with Controllable Geometric Parameters. Analytical Chemistry, 2022, 94, 1552-1558.   | 6.5  | 10        |
| 4  | 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         |
| 5  | Displacement Reaction-Assisted Synthesis of Sub-Nanometer Pt/Bi Boost Methanol-Tolerant Fuel Cells. Nanomaterials, 2022, 12, 1301.   | 4.1  | 2         |
| 6  | Intact living-cell electrolaunching ionization mass spectrometry for single-cell metabolomics. Chemical Science, 2022, 13, 8065-8073.  | 7.4  | 12        |
| 7  | Visually precise, low-damage, single-cell spatial manipulation with single-pixel resolution. Chemical Science, 2021, 12, 4111-4118.  | 7.4  | 7         |
| 8  | 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        |
| 9  | Silica-Based Nanopipettes for Rapid Living Single-Cell Transfection. ACS Applied Nano Materials, 2021, 4, 6956-6963.   | 5.0  | 4         |
| 10 | Aggregation-Induced Electrochemiluminescence of the Dichlorobis(1,10-phenanthroline)ruthenium(II) (Ru(phen) <sub>2</sub> Cl <sub>2</sub> )/Tri-n-propylamine (TPrA) System in H <sub>2</sub> O-MeCN Mixtures for Identification of Nucleic Acids. Analytical Chemistry, 2020, 92, 9613-9619. | 6.5  | 27        |
| 11 | Wavelength selective photoactivated autocatalytic oxidation of 5,12-dihydrobenzo[ <i>b</i> ]phenazine and its application in metal-free synthesis. RSC Advances, 2020, 10, 9949-9954.  | 3.6  | 1         |
| 12 | Single-particle-frit-based packed columns for microchip chromatographic analysis of neurotransmitters. Talanta, 2020, 215, 120896.   | 5.5  | 8         |
| 13 | Controllable fabrication of pico/femtoliter pipette sampling probes and visual sample volume determination. Talanta, 2020, 218, 121096.  | 5.5  | 5         |
| 14 | Supported ceria-modified silver catalysts with high activity and stability for toluene removal. Environment International, 2019, 128, 335-342.   | 10.0 | 36        |
| 15 | A carbon-supported BiSn nanoparticles based novel sensor for sensitive electrochemical determination of Cd (II) ions. Talanta, 2019, 202, 27-33.   | 5.5  | 30        |
| 16 | In-tube solid-phase microextraction capillary column packed with mesoporous TiO <sub>2</sub> nanoparticles for phosphopeptide analysis. Electrophoresis, 2019, 40, 2142-2148.  | 2.4  | 8         |
| 17 | Distinct correlation between (CN <sub>2</sub> ) <sub>x</sub> 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         |
| 18 | Three-electron reversible redox for a high-energy fluorophosphate cathode: Na <sub>3</sub> V <sub>2</sub> O <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F. Chemical Communications, 2019, 55, 3979-3982.  | 4.1  | 18        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | GO-META-TiO <sub>2</sub> composite monolithic columns for in-tube solid-phase microextraction of phosphopeptides. <i>Talanta</i> , 2019, 192, 360-367.  | 5.5  | 26        |
| 20 | Electrogenerated Chemiluminescence Biosensor with a Tripod Probe for the Highly Sensitive Detection of MicroRNA. <i>Analytical Chemistry</i> , 2019, 91, 1452-1459.   | 6.5  | 43        |
| 21 | Plasma-assisted alignment in the fabrication of microchannel-array-based in-tube solid-phase microextraction microchips packed with TiO <sub>2</sub> nanoparticles for phosphopeptide analysis. <i>Analytica Chimica Acta</i> , 2018, 1018, 70-77.      | 5.4  | 28        |
| 22 | Synthesis of PtAu Alloy Nanocrystals in Micelle Nanoreactors Enabled by Flash Heating and Cooling. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700413.   | 2.3  | 9         |
| 23 | Anomalous enhancement of fluorescence of carbon dots through lanthanum doping and potential application in intracellular imaging of ferric ion. <i>Nano Research</i> , 2018, 11, 1369-1378.   | 10.4 | 40        |
| 24 | Enabling Colloidal Synthesis of Edge-Oriented MoS <sub>2</sub> with Expanded Interlayer Spacing for Enhanced HER Catalysis. <i>Nano Letters</i> , 2017, 17, 1963-1969.  | 9.1  | 225       |
| 25 | Pico-HPLC system integrating an equal inner diameter femtopipette into a 900 nm I.D. porous layer open tubular column. <i>Chemical Communications</i> , 2017, 53, 4104-4107.  | 4.1  | 29        |
| 26 | Microfluidic Synthesis Enables Dense and Uniform Loading of Surfactant-Free PtSn Nanocrystals on Carbon Supports for Enhanced Ethanol Oxidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4952-4956.                                | 13.8 | 73        |
| 27 | Morphology and chemical characteristics of micro- and Nano-particles in the haze in Beijing studied by XPS and TEM/EDX. <i>Science of the Total Environment</i> , 2016, 565, 827-832.   | 8.0  | 28        |
| 28 | Microfluidic Synthesis Enables Dense and Uniform Loading of Surfactant-Free PtSn Nanocrystals on Carbon Supports for Enhanced Ethanol Oxidation. <i>Angewandte Chemie</i> , 2016, 128, 5036-5040.   | 2.0  | 3         |
| 29 | Influence of elution conditions on DNA transport behavior in free solution by hydrodynamic chromatography. <i>Science China Chemistry</i> , 2015, 58, 1605-1611.  | 8.2  | 5         |
| 30 | One-Step, Facile and Ultrafast Synthesis of Phase- and Size-Controlled Pt-Bi Intermetallic Nanocatalysts through Continuous-Flow Microfluidics. <i>Journal of the American Chemical Society</i> , 2015, 137, 6263-6269.                                 | 13.7 | 90        |
| 31 | Ruthenium Oxide-Coated Sodium Vanadium Fluorophosphate Nanowires as High-Power Cathode Materials for Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6452-6456.  | 13.8 | 132       |
| 32 | Ultralow Loading of Silver Nanoparticles on Mn <sub>2</sub> O <sub>3</sub> Nanowires Derived with Molten Salts: A High-Efficiency Catalyst for the Oxidative Removal of Toluene. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11089-11095. | 10.0 | 123       |
| 33 | Preparation and high catalytic performance of Au/3DOM Mn <sub>2</sub> O <sub>3</sub> for the oxidation of carbon monoxide and toluene. <i>Journal of Hazardous Materials</i> , 2014, 279, 392-401.  | 12.4 | 84        |
| 34 | Photocatalytic organic pollutants degradation in metal-organic frameworks. <i>Energy and Environmental Science</i> , 2014, 7, 2831-2867.  | 30.8 | 1,430     |
| 35 | Facile one-step photochemical synthesis of water soluble CdTe(S) nanocrystals with high quantum yields. <i>Journal of Materials Chemistry</i> , 2012, 22, 6367.   | 6.7  | 17        |