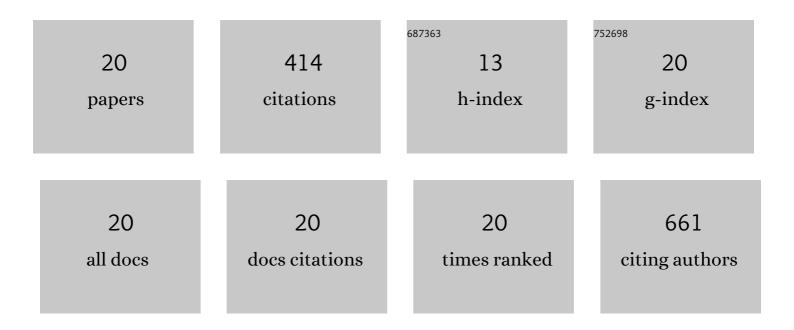
Shihan Xu

List of Publications by Year in descending order

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SHIHAN XII

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Intrinsic Blue Fluorescence of 2.0G PAMAM-DCM Polymer Dots and Its Applications for Fe3+ Sensing. Sensors, 2022, 22, 1075. | 3.8 | 3 |
| 2 | Recent Progress of Fluorescence Sensors for Histamine in Foods. Biosensors, 2022, 12, 161. | 4.7 | 21 |
| 3 | Stable EMT type zeolite/CsPbBr3 perovskite quantum dot nanocomposites for highly sensitive humidity sensors. Journal of Colloid and Interface Science, 2022, 616, 921-928. | 9.4 | 13 |
| 4 | Recent Progress in Fluorescent Probes For Metal Ion Detection. Frontiers in Chemistry, 2022, 10, 875241. | 3.6 | 31 |
| 5 | Enhancing the Longâ€Term Stability of a Polymer Dot Glucose Transducer by Using an Enzymatic Cascade Reaction System. Advanced Healthcare Materials, 2021, 10, e2001019. | 7.6 | 18 |
| 6 | Sequential Ensemble-Decision Aliquot Ranking Isolation and Fluorescence <i>In Situ</i> Hybridization Identification of Rare Cells from Blood by Using Concentrated Peripheral Blood Mononuclear Cells. Analytical Chemistry, 2021, 93, 3196-3201. | 6.5 | 7 |
| 7 | Broadband Ultraviolet Photodetectors Based on Cerium Doped Lead-Free Cs ₃ MnBr ₅ Metal Halide Nanocrystals. ACS Sustainable Chemistry and Engineering, 2021, 9, 4980-4987. | 6.7 | 29 |
| 8 | Capillary-Mediated Single-Cell Dispenser. Analytical Chemistry, 2021, 93, 10750-10755. | 6.5 | 4 |
| 9 | High fluorescence LaOBr/coumarin organic–inorganic composite nanomaterials for ultra-sensitive Fe ³⁺ sensing, fluorescence imaging and water-based ink anti-counterfeiting applications. Journal of Materials Chemistry C, 2020, 8, 13733-13742. | 5.5 | 8 |
| 10 | Isolating Rare Cells and Circulating Tumor Cells with High Purity by Sequential eDAR. Analytical Chemistry, 2019, 91, 14605-14610. | 6.5 | 10 |
| 11 | A Fluorescence-Activated Single-Droplet Dispenser for High Accuracy Single-Droplet and Single-Cell Sorting and Dispensing. Analytical Chemistry, 2019, 91, 6815-6819. | 6.5 | 26 |
| 12 | Polymer dots enable deep in vivo multiphoton fluorescence imaging of microvasculature. Biomedical Optics Express, 2019, 10, 584. | 2.9 | 15 |
| 13 | A Chromatin-Mimetic Nanomedicine for Therapeutic Tolerance Induction. ACS Nano, 2018, 12, 12004-12014. | 14.6 | 11 |
| 14 | A Selfâ€Digitization Dielectrophoretic (SDâ€DEP) Chip for Highâ€Efficiency Singleâ€Cell Capture, Onâ€Demand Compartmentalization, and Downstream Nucleic Acid Analysis. Angewandte Chemie, 2018, 130, 11548-11553. | 2.0 | 12 |
| 15 | A Selfâ€Digitization Dielectrophoretic (SDâ€DEP) Chip for Highâ€Efficiency Singleâ€Cell Capture, Onâ€Demand Compartmentalization, and Downstream Nucleic Acid Analysis. Angewandte Chemie - International Edition, 2018, 57, 11378-11383. | 13.8 | 34 |
| 16 | Amphiphilic Silane Modified Multifunctional Nanoparticles for Magnetically Targeted Photodynamic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 11451-11460. | 8.0 | 29 |
| 17 | High purity microfluidic sorting and in situ inactivation of circulating tumor cells based on multifunctional magnetic composites. Biomaterials, 2017, 138, 69-79. | 11.4 | 32 |
| 18 | DNA stabilized Ag–Au alloy nanoclusters and their application as sensing probes for mercury ions. RSC Advances, 2016, 6, 51609-51618. | 3.6 | 20 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Plasmon-Enhanced Upconversion Luminescence on Vertically Aligned Gold Nanorod Monolayer Supercrystals. ACS Applied Materials & Interfaces, 2016, 8, 11667-11674. | 8.0 | 71 |
| 20 | Silane modified upconversion nanoparticles with multifunctions: imaging, therapy and hypoxia detection. Scientific Reports, 2016, 6, 22350. | 3.3 | 20 |