

# Qirong Xiong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8836822/publications.pdf>

Version: 2024-02-01

19  
papers

821  
citations

858243

12  
h-index

939365

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1623  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Controlled Delivery. , 2022, , 525-553.  |      | 0         |
| 2  | Caging Cationic Polymer Brush-Coated Plasmonic Nanostructures for Traceable Selective Antimicrobial Activities. Macromolecular Rapid Communications, 2022, 43, e2100812.                 | 2.0  | 4         |
| 3  | Chemical processing of interfacially assembled metal nanowires for surface-enhanced Raman scattering detection of food contaminants. Journal of Raman Spectroscopy, 2021, 52, 532-540.   | 1.2  | 5         |
| 4  | Multienzyme nanoassemblies: from rational design to biomedical applications. Biomaterials Science, 2021, 9, 7323-7342.   | 2.6  | 7         |
| 5  | Magnetic nanochains-based dynamic ELISA for rapid and ultrasensitive detection of acute myocardial infarction biomarkers. Analytica Chimica Acta, 2021, 1166, 338567.                    | 2.6  | 22        |
| 6  | Photoactive Nanocarriers for Controlled Delivery. Advanced Functional Materials, 2020, 30, 1903896.  | 7.8  | 38        |
| 7  | Hierarchical Disordered Colloidal Thin Films with Duplex Optical Elements for Advanced Anti-Counterfeiting Coding. Advanced Optical Materials, 2020, 8, 2001378.                         | 3.6  | 12        |
| 8  | Synthetic biohybrid peptidoglycan oligomers enable pan-bacteria-specific labeling and imaging: <i>in vitro</i> and <i>in vivo</i> . Chemical Science, 2020, 11, 3171-3179.               | 3.7  | 7         |
| 9  | Silver nanoprism-based plasmonic ELISA for sensitive detection of fluoroquinolones. Journal of Materials Chemistry B, 2020, 8, 3667-3675.  | 2.9  | 22        |
| 10 | A Self-Assembled Plasmonic Substrate for Enhanced Fluorescence Resonance Energy Transfer. Advanced Materials, 2020, 32, e1906475.  | 11.1 | 45        |
| 11 | Lateral Flow Immunoassay Based on Polydopamine-Coated Gold Nanoparticles for the Sensitive Detection of Zearalenone in Maize. ACS Applied Materials & Interfaces, 2019, 11, 31283-31290. | 4.0  | 132       |
| 12 | Size-Controllable Magnetic Iron Oxide Nanorods for Biomarker Targeting and Improving Microfluidic Mixing. ACS Applied Bio Materials, 2019, 2, 3362-3371.                                 | 2.3  | 7         |
| 13 | Functional Macromolecule-Enabled Colloidal Synthesis: From Nanoparticle Engineering to Multifunctionality. Advanced Materials, 2019, 31, e1902733.                                       | 11.1 | 25        |
| 14 | Dynamic Magnetic Nanomixers for Improved Microarray Assays by Eliminating Diffusion Limitation. Advanced Healthcare Materials, 2019, 8, e1801022.  | 3.9  | 15        |
| 15 | Magnetic nanochain integrated microfluidic biochips. Nature Communications, 2018, 9, 1743.   | 5.8  | 94        |
| 16 | 2D nanomaterials based electrochemical biosensors for cancer diagnosis. Biosensors and Bioelectronics, 2017, 89, 136-151.  | 5.3  | 191       |
| 17 | Stable and Biocompatible Mushroom $\beta$ -Glucan Modified Gold Nanorods for Cancer Photothermal Therapy. Journal of Agricultural and Food Chemistry, 2017, 65, 9529-9536.               | 2.4  | 30        |
| 18 | Polydopamine-Enabled Approach toward Tailored Plasmonic Nanogapped Nanoparticles: From Nanogap Engineering to Multifunctionality. ACS Nano, 2016, 10, 11066-11075.                       | 7.3  | 109       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Development of an immunomagnetic separation method for efficient enrichment of Escherichia coli O157:H7. Food Control, 2014, 37, 41-45. | 2.8 | 56        |