# Qinglong Qiao

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 30 papers | 718 citations | 14 h-index | 26 g-index |
| 41 ext. papers | 1,167 ext. citations | 9.1 avg, IF | 4.24 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 30 | Enhancing Brightness and Photostability of Organic Small Molecular Fluorescent Dyes Through Inhibiting Twisted Intramolecular Charge Transfer (TICT)?. *Acta Chimica Sinica*, **2022**, 80, 553 | 3.3 | |
| 29 | Twisted intramolecular charge transfer (TICT) and twists beyond TICT: from mechanisms to rational designs of bright and sensitive fluorophores. *Chemical Society Reviews*, **2021**, 50, 12656-12678 | 58.5 | 28 |
| 28 | RBMS1 regulates lung cancer ferroptosis through translational control of SLC7A11. *Journal of Clinical Investigation*, **2021**, 131, | 15.9 | 10 |
| 27 | An assembly-regulated SNAP-tag fluorogenic probe for long-term super-resolution imaging of mitochondrial dynamics. *Biosensors and Bioelectronics*, **2021**, 176, 112886 | 11.8 | 9 |
| 26 | Rapid Enzyme-Mediated Biotinylation for Cell Surface Proteome Profiling. *Analytical Chemistry*, **2021**, 93, 4542-4551 | 7.8 | 1 |
| 25 | Quantitative assessment of rhodamine spectra. *Chinese Chemical Letters*, **2021**, 32, 943-946 | 8.1 | 9 |
| 24 | Stable Super-Resolution Imaging of Lipid Droplet Dynamics through a Buffer Strategy with a Hydrogen-Bond Sensitive Fluorogenic Probe. *Angewandte Chemie*, **2021**, 133, 25308 | 3.6 | 2 |
| 23 | Stable Super-Resolution Imaging of Lipid Droplet Dynamics through a Buffer Strategy with a Hydrogen-Bond Sensitive Fluorogenic Probe. *Angewandte Chemie - International Edition*, **2021**, 60, 25104-25113 | 16.4 | 7 |
| 22 | Systematic study of synthesizing various heteroatom-substituted rhodamines from diaryl ether analogues. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 240, 118466 | 4.4 | 4 |
| 21 | A General Descriptor Enables the Quantitative Development of Luminescent Materials Based on Photoinduced Electron Transfer. *Journal of the American Chemical Society*, **2020**, 142, 6777-6785 | 16.4 | 57 |
| 20 | A natural BACE1 and GSK3 dual inhibitor Notopterol effectively ameliorates the cognitive deficits in APP/PS1 Alzheimer's mice by attenuating amyloid- and tau pathology. *Clinical and Translational Medicine*, **2020**, 10, e50 | 5.7 | 2 |
| 19 | Molecular Mechanism of Viscosity Sensitivity in BODIPY Rotors and Application to Motion-Based Fluorescent Sensors. *ACS Sensors*, **2020**, 5, 731-739 | 9.2 | 38 |
| 18 | Quantitative Design of Bright Fluorophores and AIEgens by the Accurate Prediction of Twisted Intramolecular Charge Transfer (TICT). *Angewandte Chemie*, **2020**, 132, 10246-10258 | 3.6 | 20 |
| 17 | Quantitative Design of Bright Fluorophores and AIEgens by the Accurate Prediction of Twisted Intramolecular Charge Transfer (TICT). *Angewandte Chemie - International Edition*, **2020**, 59, 10160-10172 | 16.4 | 72 |
| 16 | Fluorescent antibiotics for real-time tracking of pathogenic bacteria. *Journal of Pharmaceutical Analysis*, **2020**, 10, 444-451 | 14 | 9 |
| 15 | Descriptor Enables the Quantitative Design of Spontaneously Blinking Rhodamines for Live-Cell Super-Resolution Imaging. *Angewandte Chemie - International Edition*, **2020**, 59, 20215-20223 | 16.4 | 16 |
| 14 | Multiple Factors Regulate the Spirocyclization Equilibrium of Si-Rhodamines. *Journal of Physical Chemistry B*, **2020**, 124, 7467-7474 | 3.4 | 4 |

# List of Publications

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|---|---|---|---|
| 13 | Descriptor ΔC-O Enables the Quantitative Design of Spontaneously Blinking Rhodamines for Live-Cell Super-Resolution Imaging. *Angewandte Chemie*, **2020**, 132, 20390-20398 | 3.6 | 3 |
| 12 | Rapid Identification of Bacteria by Membrane-Responsive Aggregation of a Pyrene Derivative. *ACS Sensors*, **2019**, 4, 281-285 | 9.2 | 21 |
| 11 | A Photoexcitation-Induced Twisted Intramolecular Charge Shuttle. *Angewandte Chemie - International Edition*, **2019**, 58, 7073-7077 | 16.4 | 47 |
| 10 | A Photoexcitation-Induced Twisted Intramolecular Charge Shuttle. *Angewandte Chemie*, **2019**, 131, 7147-7151 | 3.6 | 12 |
| 9 | A H-bond strategy to develop acid-resistant photoswitchable rhodamine spirolactams for super-resolution single-molecule localization microscopy. *Chemical Science*, **2019**, 10, 4914-4922 | 9.4 | 40 |
| 8 | Sensitive profiling of cell surface proteome by using an optimized biotinylation method. *Journal of Proteomics*, **2019**, 196, 33-41 | 3.9 | 10 |
| 7 | A general strategy to develop cell membrane fluorescent probes with location- and target-specific fluorogenicities: a case of a Zn probe with cellular selectivity. *Chemical Communications*, **2019**, 55, 15045-15048 | 5.8 | 20 |
| 6 | Ground-state conformers enable bright single-fluorophore ratiometric thermometers with positive temperature coefficients. *Materials Chemistry Frontiers*, **2017**, 1, 2383-2390 | 7.8 | 11 |
| 5 | Degradation prediction model and stem cell growth of gelatin-PEG composite hydrogel. *Journal of Biomedical Materials Research - Part A*, **2016**, 104, 3149-3156 | 5.4 | 7 |
| 4 | A naphthalimide-based fluorescent sensor for halogenated solvents. *Chemical Communications*, **2016**, 52, 2095-8 | 5.8 | 32 |
| 3 | The construction of functional protein nanotubes by small molecule-induced self-assembly of cricoid proteins. *Chemical Communications*, **2016**, 52, 4092-5 | 5.8 | 27 |
| 2 | Aziridinyl Fluorophores Demonstrate Bright Fluorescence and Superior Photostability by Effectively Inhibiting Twisted Intramolecular Charge Transfer. *Journal of the American Chemical Society*, **2016**, 138, 6960-3 | 16.4 | 182 |
| 1 | A turn-on fluorescent probe for hydrogen sulfide and its application in living cells. *RSC Advances*, **2015**, 5, 86355-86358 | 3.7 | 14 |