

# Qun Luo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33  
papers

449  
citations

13  
h-index

20  
g-index

37  
ext. papers

591  
ext. citations

5.4  
avg, IF

3.49  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 33 | ToF-SIMS characterization of surface chemical evolution on electrode surfaces educed by electrochemical activation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2022</b> , 37, 890-897                | 3.7  |           |
| 32 | G-quadruplex inducer/stabilizer pyridostatin targets SUB1 to promote cytotoxicity of a transplatinum complex.. <i>Nucleic Acids Research</i> , <b>2022</b> ,  | 20.1 | 2         |
| 31 | LA-ICP-MS bioimaging demonstrated disturbance of metal ions in the brain of Parkinson's disease model mouse undergoing manganese-enhanced MRI.. <i>Analytical and Bioanalytical Chemistry</i> , <b>2022</b> , 1 | 4.4  | 0         |
| 30 | Serum Phosphopeptides Profiling for Colorectal Cancer Diagnosis Using Liquid Chromatography-Mass Spectrometry.. <i>Rapid Communications in Mass Spectrometry</i> , <b>2022</b> , e9316                          | 2.2  |           |
| 29 | Real-Time Characterization of the Fine Structure and Dynamics of an Electrical Double Layer at Electrode-Electrolyte Interfaces. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 5279-5285     | 6.4  | 3         |
| 28 | Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. <i>Chemical Science</i> , <b>2021</b> , 12, 5419-5429  | 9.4  | 2         |
| 27 | Fluorescence live cell imaging revealed wogonin targets mitochondria. <i>Talanta</i> , <b>2021</b> , 230, 122328  | 6.2  | 3         |
| 26 | Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 210                                    | 5    | 16        |
| 25 | Cisplatin-induced alteration on membrane composition of A549 cells revealed by ToF-SIMS. <i>Surface and Interface Analysis</i> , <b>2020</b> , 52, 256-263  | 1.5  | 4         |
| 24 | ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , <b>2020</b> , 52, 272-282   | 1.5  | 0         |
| 23 | Visualization of Proteins in Single Cells by Time-of-Flight-Secondary Ion Mass Spectrometry Coupled with Genetically Encoded Chemical Tags. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 15517-15525         | 7.8  | 5         |
| 22 | Discovery of Cisplatin Binding to Thymine and Cytosine on a Single-Stranded Oligodeoxynucleotide by High Resolution FT-ICR Mass Spectrometry. <i>Molecules</i> , <b>2019</b> , 24,                              | 4.8  | 15        |
| 21 | Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 6035-6042  | 7.8  | 7         |
| 20 | Advances in Toxicological Research of the Anticancer Drug Cisplatin. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 1469-1486   | 4    | 80        |
| 19 | Mass spectrometric quantification of the binding ratio of metal-based anticancer complexes with protein thiols. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 951-958                    | 2.2  | 2         |
| 18 | A Photoactive Platinum(IV) Anticancer Complex Inhibits Thioredoxin-Thioredoxin Reductase System Activity by Induced Oxidization of the Protein. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 5575-5584        | 5.1  | 21        |
| 17 | Binding of Organometallic Ruthenium Anticancer Complexes to DNA: Thermodynamic Base and Sequence Selectivity. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,                            | 6.3  | 5         |

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|----|---|------|----|
| 16 | Assessment of the inhibitory effects of pyrethroids against human carboxylesterases. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 321, 48-56  | 4.6  | 34 |
| 15 | An Optimized Two-Photon Fluorescent Probe for Biological Sensing and Imaging of Catechol-O-Methyltransferase. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10800-10807   | 4.8  | 23 |
| 14 | Correlated mass spectrometry and confocal microscopy imaging verifies the dual-targeting action of an organoruthenium anticancer complex. <i>Chemical Communications</i> , <b>2017</b> , 53, 4136-4139                                      | 5.8  | 13 |
| 13 | Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , <b>2017</b> , 17, 3084-3098  | 3    | 48 |
| 12 | Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , <b>2017</b> , 7, 21630-21637   | 3.7  | 6  |
| 11 | Identification of binding sites of cisplatin to human copper chaperone protein Cox17 by high-resolution FT-ICR-MS. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30 Suppl 1, 168-72                                      | 2.2  | 5  |
| 10 | A comparative study on the interactions of human copper chaperone Cox17 with anticancer organoruthenium(II) complexes and cisplatin by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 161, 99-106              | 4.2  | 3  |
| 9  | Synthesis, Characterization, and in Vitro Antitumor Activity of Ruthenium(II) Polypyridyl Complexes Tethering EGFR-Inhibiting 4-Anilinoquinazolines. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4595-605                                | 5.1  | 35 |
| 8  | Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , <b>2016</b> , 59, 1240-1249   | 7.9  | 13 |
| 7  | Quantification of bindings of organometallic ruthenium complexes to GST by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , <b>2015</b> , 146, 44-51   | 4.2  | 8  |
| 6  | Discovery of a dual-targeting organometallic ruthenium complex with high activity inducing early stage apoptosis of cancer cells. <i>Metallomics</i> , <b>2015</b> , 7, 1573-83   | 4.5  | 27 |
| 5  | Novel ruthenium complexes ligated with 4-anilinoquinazoline derivatives: synthesis, characterisation and preliminary evaluation of biological activity. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 77, 110-20           | 6.8  | 16 |
| 4  | Mass spectrometric proteomics reveals that nuclear protein positive cofactor PC4 selectively binds to cross-linked DNA by a trans-platinum anticancer complex. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 2948-51 | 16.4 | 26 |
| 3  | Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , <b>2014</b> , 125, 411-7   | 6.2  | 19 |
| 2  | The formation of thymidine-based T-tetramers with remarkable structural and metal ion size effects. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 1030-3   | 3.9  | 4  |
| 1  | A one-step method to prepare monodisperse polymer particles in the micron size range. <i>Colloid and Polymer Science</i> , <b>2003</b> , 282, 48-55   | 2.4  | 4  |