

Qun Luo

List of Publications by Citations

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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	Advances in Toxicological Research of the Anticancer Drug Cisplatin. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1469-1486	4	80
32	Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 3084-3098	3	48
31	Synthesis, Characterization, and in Vitro Antitumor Activity of Ruthenium(II) Polypyridyl Complexes Tethering EGFR-Inhibiting 4-Anilinoquinazolines. <i>Inorganic Chemistry</i> , 2016 , 55, 4595-605	5.1	35
30	Assessment of the inhibitory effects of pyrethroids against human carboxylesterases. <i>Toxicology and Applied Pharmacology</i> , 2017 , 321, 48-56	4.6	34
29	Discovery of a dual-targeting organometallic ruthenium complex with high activity inducing early stage apoptosis of cancer cells. <i>Metallomics</i> , 2015 , 7, 1573-83	4.5	27
28	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> , 2014 , 136, 2948-51	16.4	26
27	An Optimized Two-Photon Fluorescent Probe for Biological Sensing and Imaging of Catechol-O-Methyltransferase. <i>Chemistry - A European Journal</i> , 2017 , 23, 10800-10807	4.8	23
26	A Photoactive Platinum(IV) Anticancer Complex Inhibits Thioredoxin-Thioredoxin Reductase System Activity by Induced Oxidization of the Protein. <i>Inorganic Chemistry</i> , 2018 , 57, 5575-5584	5.1	21
25	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014 , 125, 411-7	6.2	19
24	Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. <i>Frontiers in Chemistry</i> , 2020 , 8, 210	5	16
23	Novel ruthenium complexes ligated with 4-anilinoquinazoline derivatives: synthesis, characterisation and preliminary evaluation of biological activity. <i>European Journal of Medicinal Chemistry</i> , 2014 , 77, 110-20	6.8	16
22	Discovery of Cisplatin Binding to Thymine and Cytosine on a Single-Stranded Oligodeoxynucleotide by High Resolution FT-ICR Mass Spectrometry. <i>Molecules</i> , 2019 , 24,	4.8	15
21	Correlated mass spectrometry and confocal microscopy imaging verifies the dual-targeting action of an organoruthenium anticancer complex. <i>Chemical Communications</i> , 2017 , 53, 4136-4139	5.8	13
20	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016 , 59, 1240-1249	7.9	13
19	Quantification of bindings of organometallic ruthenium complexes to GST by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2015 , 146, 44-51	4.2	8
18	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , 2019 , 91, 6035-6042	7.8	7
17	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , 2017 , 7, 21630-21637	3.7	6

16	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> , 2016 , 30 Suppl 1, 168-72	2.2	5
15	Binding of Organometallic Ruthenium Anticancer Complexes to DNA: Thermodynamic Base and Sequence Selectivity. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
14	Visualization of Proteins in Single Cells by Time-of-Flight-Secondary Ion Mass Spectrometry Coupled with Genetically Encoded Chemical Tags. <i>Analytical Chemistry</i> , 2020 , 92, 15517-15525	7.8	5
13	The formation of thymidine-based T-tetramers with remarkable structural and metal ion size effects. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1030-3	3.9	4
12	A one-step method to prepare monodisperse polymer particles in the micron size range. <i>Colloid and Polymer Science</i> , 2003 , 282, 48-55	2.4	4
11	Cisplatin-induced alteration on membrane composition of A549 cells revealed by ToF-SIMS. <i>Surface and Interface Analysis</i> , 2020 , 52, 256-263	1.5	4
10	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> , 2021 , 12, 5279-5285	6.4	3
9	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> , 2016 , 161, 99-106	4.2	3
8	Fluorescence live cell imaging revealed wogonin targets mitochondria. <i>Talanta</i> , 2021 , 230, 122328	6.2	3
7	Mass spectrometric quantification of the binding ratio of metal-based anticancer complexes with protein thiols. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 951-958	2.2	2
6	Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. <i>Chemical Science</i> , 2021 , 12, 5419-5429	9.4	2
5	G-quadruplex inducer/stabilizer pyridostatin targets SUB1 to promote cytotoxicity of a transplatinum complex.. <i>Nucleic Acids Research</i> , 2022 ,	20.1	2
4	ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , 2020 , 52, 272-282	1.5	0
3	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> , 2022 , 1	4.4	0
2	ToF-SIMS characterization of surface chemical evolution on electrode surfaces induced by electrochemical activation. <i>Journal of Analytical Atomic Spectrometry</i> , 2022 , 37, 890-897	3.7	
1	Serum Phosphopeptides Profiling for Colorectal Cancer Diagnosis Using Liquid Chromatography-Mass Spectrometry.. <i>Rapid Communications in Mass Spectrometry</i> , 2022 , e9316	2.2	