

Qun Luo

List of Publications by Year in descending order

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34
papers

756
citations

623734

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552781

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docs citations

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1035
citing authors

#	ARTICLE	IF	CITATIONS
1	ToF-SIMS characterization of surface chemical evolution on electrode surfaces educed by electrochemical activation. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 890-897.	3.0	1
2	Baicalin Targets HSP70/90 to Regulate PKR/PI3K/AKT/eNOS Signaling Pathways. <i>Molecules</i> , 2022, 27, 1432.	3.8	4
3	G-quadruplex inducer/stabilizer pyridostatin targets <i>SUB1</i> to promote cytotoxicity of a transplatinum complex. <i>Nucleic Acids Research</i> , 2022, 50, 3070-3082.	14.5	6
4	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, 414, 5561-5571.	3.7	2
5	Serum phosphopeptide profiling for colorectal cancer diagnosis using liquid chromatography-mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9316.	1.5	0
6	Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. <i>Chemical Science</i> , 2021, 12, 5419-5429.	7.4	14
7	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.	4.6	12
8	Fluorescence live cell imaging revealed wogonin targets mitochondria. <i>Talanta</i> , 2021, 230, 122328.	5.5	5
9	Cisplatin-induced alteration on membrane composition of A549 cells revealed by ToF-SIMS. <i>Surface and Interface Analysis</i> , 2020, 52, 256-263.	1.8	9
10	ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , 2020, 52, 272-282.	1.8	3
11	<i>In Situ</i> 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.	6.5	11
12	Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. <i>Frontiers in Chemistry</i> , 2020, 8, 210.	3.6	33
13	Advances in Toxicological Research of the Anticancer Drug Cisplatin. <i>Chemical Research in Toxicology</i> , 2019, 32, 1469-1486.	3.3	215
14	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, 1852.	3.8	20
15	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , 2019, 91, 6035-6042.	6.5	14
16	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.	1.5	3
17	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.	4.0	24
18	Binding of Organometallic Ruthenium Anticancer Complexes to DNA: Thermodynamic Base and Sequence Selectivity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2137.	4.1	10

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19	Assessment of the inhibitory effects of pyrethroids against human carboxylesterases. <i>Toxicology and Applied Pharmacology</i> , 2017, 321, 48-56.	2.8	39
20	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.	3.3	32
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.	4.1	21
22	Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 3084-3098.	2.1	71
23	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , 2017, 7, 21630-21637.	3.6	9
24	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.	3.5	4
25	Synthesis, Characterization, and in Vitro Antitumor Activity of Ruthenium(II) Polypyridyl Complexes Tethering EGFR-Inhibiting 4-Anilinoquinazolines. <i>Inorganic Chemistry</i> , 2016, 55, 4595-4605.	4.0	44
26	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016, 59, 1240-1249.	8.2	14
27	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, 168-172.	1.5	6
28	Quantification of bindings of organometallic ruthenium complexes to GST π by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 44-51.	3.5	9
29	Discovery of a dual-targeting organometallic ruthenium complex with high activity inducing early stage apoptosis of cancer cells. <i>Metallomics</i> , 2015, 7, 1573-1583.	2.4	36
30	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, 110-120.	5.5	21
31	Mass Spectrometric Proteomics Reveals that Nuclear Protein Positive Cofactor PC4 Selectively Binds to Cross-Linked DNA by a <i>trans</i> -Platinum Anticancer Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 2948-2951.	13.7	32
32	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014, 125, 411-417.	5.5	22
33	The formation of thymidine-based T-tetramers with remarkable structural and metal ion size effects. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1030-1033.	2.8	5
34	A one-step method to prepare monodisperse polymer particles in the micron size range. <i>Colloid and Polymer Science</i> , 2003, 282, 48-55.	2.1	5