

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.

72 papers	1,584 citations	21 h-index	38 g-index
77 ext. papers	2,051 ext. citations	7.3 avg, IF	4.59 L-index

#	Paper	IF	Citations
72	A potent trans-diimine platinum anticancer complex photoactivated by visible light. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8905-8	16.4	225
71	Interface effect of mixed phase Pt/ZrO ₂ catalysts for HCHO oxidation at ambient temperature. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13799-13806	13	94
70	Transferrin serves as a mediator to deliver organometallic ruthenium(II) anticancer complexes into cells. <i>Inorganic Chemistry</i> , 2013 , 52, 5328-38	5.1	92
69	A Nanobody-Conjugated DNA Nanoplatfrom for Targeted Platinum-Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14224-14228	16.4	91
68	Diazido mixed-amine platinum(IV) anticancer complexes activatable by visible-light form novel DNA adducts. <i>Chemistry - A European Journal</i> , 2013 , 19, 9578-91	4.8	82
67	Advances in Toxicological Research of the Anticancer Drug Cisplatin. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1469-1486	4	80
66	A Potent Trans-Diimine Platinum Anticancer Complex Photoactivated by Visible Light. <i>Angewandte Chemie</i> , 2010 , 122, 9089-9092	3.6	53
65	De novo generation of singlet oxygen and ammine ligands by photoactivation of a platinum anticancer complex. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13633-7	16.4	52
64	Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 3084-3098	3	48
63	Mass spectrometry evidence for cisplatin as a protein cross-linking reagent. <i>Analytical Chemistry</i> , 2011 , 83, 5369-76	7.8	45
62	Breaking the Intracellular Redox Balance with Diselenium Nanoparticles for Maximizing Chemotherapy Efficacy on Patient-Derived Xenograft Models. <i>ACS Nano</i> , 2020 ,	16.7	40
61	Near-Infrared Light Irradiation Induced Mild Hyperthermia Enhances Glutathione Depletion and DNA Interstrand Cross-Link Formation for Efficient Chemotherapy. <i>ACS Nano</i> , 2020 , 14, 14831-14845	16.7	40
60	Rationally Separating the Corona and Membrane Functions of Polymer Vesicles for Enhanced T ₁ MRI and Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 14043-52	9.5	38
59	Two-photon-activated ligand exchange in platinum(II) complexes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 11263-6	16.4	37
58	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
57	Uptake and Transformation of Silver Nanoparticles and Ions by Rice Plants Revealed by Dual Stable Isotope Tracing. <i>Environmental Science & Technology</i> , 2019 , 53, 625-633	10.3	32
56	Luminescent cyclometallated platinum(II) complexes: highly promising EGFR/DNA probes and dual-targeting anticancer agents. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 413-424	6.8	28

55	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
54	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
53	A Near-Infrared-II Polymer with Tandem Fluorophores Demonstrates Superior Biodegradability for Simultaneous Drug Tracking and Treatment Efficacy Feedback. <i>ACS Nano</i> , 2021 , 15, 5428-5438	16.7	23
52	Half-sandwich iridium(III) complexes with Epicolinic acid frameworks and antitumor applications. <i>Journal of Inorganic Biochemistry</i> , 2019 , 192, 52-61	4.2	22
51	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
50	Potential-Dynamic Surface Chemistry Controls the Electrocatalytic Processes of Ethanol Oxidation on Gold Surfaces. <i>ACS Energy Letters</i> , 2019 , 4, 215-221	20.1	20
49	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014 , 125, 411-7	6.2	19
48	Design of Low Bandgap CsPb Sn I Br Perovskite Solar Cells with Excellent Phase Stability. <i>Small</i> , 2021 , 17, e2101380	11	18
47	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
46	Nanoparticle-mediated convection-enhanced delivery of a DNA intercalator to gliomas circumvents temozolomide resistance. <i>Nature Biomedical Engineering</i> , 2021 , 5, 1048-1058	19	16
45	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
44	De Novo Generation of Singlet Oxygen and Ammine Ligands by Photoactivation of a Platinum Anticancer Complex. <i>Angewandte Chemie</i> , 2013 , 125, 13878-13882	3.6	15
43	Sub-10 nm Ag Nanoparticles/Graphene Oxide: Controllable Synthesis, Size-Dependent and Extremely Ultrahigh Catalytic Activity. <i>Small</i> , 2019 , 15, e1901701	11	14
42	In Situ Liquid Secondary Ion Mass Spectrometry: A Surprisingly Soft Ionization Process for Investigation of Halide Ion Hydration. <i>Analytical Chemistry</i> , 2019 , 91, 7039-7046	7.8	14
41	NIR-light triggered dual-cascade targeting core-shell nanoparticles enhanced photodynamic therapy and immunotherapy. <i>Nano Today</i> , 2021 , 41, 101288	17.9	14
40	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
39	A negatively charged Pt(IV) prodrug for electrostatic complexation with polymers to overcome cisplatin resistance. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 3346-3350	7.3	13
38	Two-Photon-Activated Ligand Exchange in Platinum(II) Complexes. <i>Angewandte Chemie</i> , 2012 , 124, 11425-11428	3.6	1428

37	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016 , 59, 1240-1249	7.9	13
36	A Nanobody-Conjugated DNA Nanoplatfor for Targeted Platinum-Drug Delivery. <i>Angewandte Chemie</i> , 2019 , 131, 14362-14366	3.6	12
35	Identification and discrimination of binding sites of an organoruthenium anticancer complex to single-stranded oligonucleotides by mass spectrometry. <i>Analyst, The</i> , 2014 , 139, 4491-6	5	10
34	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
33	Dual Functional Half-Sandwich Ru(II) Complexes: Lysosome-Targeting Probes and Anticancer Agents. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 287-294	2.3	8
32	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , 2019 , 91, 6035-6042	7.8	7
31	Lysosomal-targeted anticancer half-sandwich iridium(III) complexes modified with lonidamine amide derivatives. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5589	3.1	7
30	Solvent-dependent structural dynamics of an azido-platinum complex revealed by linear and nonlinear infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 9984-9996	3.6	7
29	An aptamer-Fe modified nanoparticle for lactate oxidation and tumor photodynamic therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 164, 192-200	6	6
28	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , 2017 , 7, 21630-21637	3.7	6
27	Scaled conductance quantization unravels the switching mechanism in organic ternary resistive memories. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 2964-2969	7.1	5
26	A mitochondria targeting Mn nanoassembly of BODIPY for LDH-A, mitochondria modulated therapy and bimodal imaging of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 387-396	6	5
25	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
24	Tandem Mass Spectrometry Reveals Preferential Ruthenation of Thymines in Human Telomeric G-Quadruplex DNA by an Organometallic Ruthenium Anticancer Complex. <i>Organometallics</i> , 2020 , 39, 3315-3322	3.8	5
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> , 2020 , 92, 15517-15525	7.8	5
22	High Voltage-Stabilized Graphdiyne Cathode Interface. <i>Small</i> , 2021 , 17, e2102066	11	5
21	Organometallic ruthenium anticancer complexes inhibit human peroxiredoxin I activity by binding to and inducing oxidation of its catalytic cysteine residue. <i>Metallomics</i> , 2019 , 11, 546-555	4.5	4
20	Unexpected Thymine Oxidation and Collision-Induced Thymine-Pt-guanine Cross-Linking on 5VTpG and 5VGpT by a Photoactivatable Diazido Pt(IV) Anticancer Complex. <i>Inorganic Chemistry</i> , 2020 , 59, 8468-8480	5.1	4

19	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
18	Photo-induced mitochondrial DNA damage and NADH depletion by -NO modified Ru(II) complexes. <i>Chemical Communications</i> , 2021 , 57, 4162-4165	5.8	4
17	Photoactivatable diazido Pt(IV) anticancer complex can bind to and oxidize all four nucleosides. <i>Dalton Transactions</i> , 2020 , 49, 17157-17163	4.3	3
16	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
15	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
14	Fluorescence live cell imaging revealed wogonin targets mitochondria. <i>Talanta</i> , 2021 , 230, 122328	6.2	3
13	Deciphering of interactions between platinated DNA and HMGB1 by hydrogen/deuterium exchange mass spectrometry. <i>Dalton Transactions</i> , 2017 , 46, 6187-6195	4.3	2
12	Reactions of a photoactivatable diazido Pt(IV) anticancer complex with a single-stranded oligodeoxynucleotide. <i>Dalton Transactions</i> , 2020 , 49, 11249-11259	4.3	2
11	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
10	Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. <i>Chemical Science</i> , 2021 , 12, 5419-5429	9.4	2
9	G-quadruplex inducer/stabilizer pyridostatin targets SUB1 to promote cytotoxicity of a transplatinum complex.. <i>Nucleic Acids Research</i> , 2022 ,	20.1	2
8	Heterogeneous Reaction of HCOOH on NaCl Particles at Different Relative Humidities. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 7218-7226	2.8	1
7	Pharmacophore conjugation strategy for multi-targeting metal-based anticancer complexes. <i>Advances in Inorganic Chemistry</i> , 2020 , 257-285	2.1	0
6	ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , 2020 , 52, 272-282	1.5	0
5	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
4	Innenteilbild: A Potent Trans-Diimine Platinum Anticancer Complex Photoactivated by Visible Light (Angew. Chem. 47/2010). <i>Angewandte Chemie</i> , 2010 , 122, 8948-8948	3.6	
3	Inside Cover: A Potent Trans-Diimine Platinum Anticancer Complex Photoactivated by Visible Light (Angew. Chem. Int. Ed. 47/2010). <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8766-8766	16.4	
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.. *Rapid Communications in Mass Spectrometry*, **2022**, e9316 2.2