

Fu-Yi Wang

List of Publications by Year in descending order

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168
papers

6,699
citations

53660

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h-index

76769

74
g-index

184
all docs

184
docs citations

184
times ranked

7554
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling ligand substitution reactions of organometallic complexes: Tuning cancer cell cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18269-18274.	3.3	286
2	Kinetics of Aquation and Anation of Ruthenium(II) Arene Anticancer Complexes, Acidity and X-ray Structures of Aqua Adducts. Chemistry - A European Journal, 2003, 9, 5810-5820.	1.7	245
3	Advances in Toxicological Research of the Anticancer Drug Cisplatin. Chemical Research in Toxicology, 2019, 32, 1469-1486.	1.7	215
4	Interfacial Passivation for Perovskite Solar Cells: The Effects of the Functional Group in Phenethylammonium Iodide. ACS Energy Letters, 2019, 4, 2913-2921.	8.8	176
5	A Mechanically Robust Conducting Polymer Network Electrode for Efficient Flexible Perovskite Solar Cells. Joule, 2019, 3, 2205-2218.	11.7	175
6	Bio-inspired vertebral design for scalable and flexible perovskite solar cells. Nature Communications, 2020, 11, 3016.	5.8	173
7	Rubidium Fluoride Modified SnO ₂ for Planar η - ϵ Perovskite Solar Cells. Advanced Functional Materials, 2021, 31, 2010385.	7.8	170
8	Competition between Glutathione and Guanine for a Ruthenium(II) Arene Anticancer Complex: Detection of a Sulfenato Intermediate. Journal of the American Chemical Society, 2005, 127, 17734-17743.	6.6	157
9	A colorimetric sensor for determination of cysteine by carboxymethyl cellulose-functionalized gold nanoparticles. Analytica Chimica Acta, 2010, 671, 80-84.	2.6	145
10	Biosurfactant produced by novel Pseudomonas sp. WJ6 with biodegradation of n-alkanes and polycyclic aromatic hydrocarbons. Journal of Hazardous Materials, 2014, 276, 489-498.	6.5	134
11	Diversity in Guanine-Selective DNA Binding Modes for an Organometallic Ruthenium Arene Complex. Angewandte Chemie - International Edition, 2006, 45, 8153-8156.	7.2	132
12	Interface effect of mixed phase Pt/ZrO ₂ catalysts for HCHO oxidation at ambient temperature. Journal of Materials Chemistry A, 2017, 5, 13799-13806.	5.2	128
13	Reactions of a Ruthenium(II) Arene Antitumor Complex with Cysteine and Methionine. Inorganic Chemistry, 2002, 41, 4509-4523.	1.9	117
14	Induced-fit recognition of DNA by organometallic complexes with dynamic stereogenic centers. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14623-14628.	3.3	114
15	Transferrin Serves As a Mediator to Deliver Organometallic Ruthenium(II) Anticancer Complexes into Cells. Inorganic Chemistry, 2013, 52, 5328-5338.	1.9	111
16	Half-sandwich arene ruthenium(ii)-enzyme complex. Chemical Communications, 2004, , 1786-1787.	2.2	109
17	Breaking the Intracellular Redox Balance with Diselenium Nanoparticles for Maximizing Chemotherapy Efficacy on Patient-Derived Xenograft Models. ACS Nano, 2020, 14, 16984-16996.	7.3	105
18	Competitive reactions of a ruthenium arene anticancer complex with histidine, cytochrome c and an oligonucleotide. Journal of Biological Inorganic Chemistry, 2005, 10, 147-155.	1.1	102

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19	Nanoparticle-mediated convection-enhanced delivery of a DNA intercalator to gliomas circumvents temozolomide resistance. <i>Nature Biomedical Engineering</i> , 2021, 5, 1048-1058.	11.6	96
20	Fluorescence Light-Up Probe for Parallel G-Quadruplexes. <i>Analytical Chemistry</i> , 2014, 86, 943-952.	3.2	88
21	An Air-Stable High-Nickel Cathode with Reinforced Electrochemical Performance Enabled by Convertible Amorphous Li ₂ CO ₃ Modification. <i>Advanced Materials</i> , 2022, 34, e2108947.	11.1	83
22	Solution structures of multiple G-quadruplex complexes induced by a platinum(II)-based tripod reveal dynamic binding. <i>Nature Communications</i> , 2018, 9, 3496.	5.8	82
23	Dicyanomethylene-Functionalized Squaraine as a Highly Selective Probe for Parallel G-Quadruplexes. <i>Analytical Chemistry</i> , 2014, 86, 7063-7070.	3.2	81
24	The anticancer drug cisplatin can cross-link the interdomain zinc site on human albumin. <i>Chemical Communications</i> , 2011, 47, 6006.	2.2	80
25	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.	7.3	79
26	Arene Control over Thiolate to Sulfinate Oxidation in Albumin by Organometallic Ruthenium Anticancer Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 6586-6594.	1.7	77
27	Ruthenation of Duplex and Single-Stranded d(CGGCCG) by Organometallic Anticancer Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 6151-6165.	1.7	72
28	Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 3084-3098.	1.0	71
29	Micromechanism in All-Solid-State Alloy-Metal Batteries: Regulating Homogeneous Lithium Precipitation and Flexible Solid Electrolyte Interphase Evolution. <i>Journal of the American Chemical Society</i> , 2021, 143, 839-848.	6.6	70
30	Cooperative Shielding of Bi-Electrodes via In Situ Amorphous Electrode-Electrolyte Interphases for Practical High-Energy Lithium-Metal Batteries. <i>Journal of the American Chemical Society</i> , 2021, 143, 16768-16776.	6.6	68
31	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.	7.3	67
32	Folding and Aggregation of Cationic Oligo(aryl-triazole)s in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2009, 15, 9424-9433.	1.7	65
33	Penetrative DNA intercalation and G-base selectivity of an organometallic tetrahydroanthracene Rull anticancer complex. <i>Chemical Science</i> , 2010, 1, 258.	3.7	63
34	De Novo Generation of Singlet Oxygen and Ammine Ligands by Photoactivation of a Platinum Anticancer Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13633-13637.	7.2	63
35	Ion Exchange/Insertion Reactions for Fabrication of Efficient Methylammonium Tin Iodide Perovskite Solar Cells. <i>Advanced Science</i> , 2020, 7, 1903047.	5.6	61
36	Au/Rod-like MnO ₂ catalyst via thermal decomposition of manganite precursor for the catalytic oxidation of toluene. <i>Catalysis Today</i> , 2019, 332, 153-159.	2.2	58

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37	Dynamic Evolution of a Cathode Interphase Layer at the Surface of $\text{LiNi}_{0.5}\text{Co}_{0.2}\text{Mn}_{0.3}\text{O}_2$ in Quasi-Solid-State Lithium Batteries. <i>Journal of the American Chemical Society</i> , 2020, 142, 20752-20762.	6.6	58
38	Electrical Loss Management by Molecularly Manipulating Dopant-free Poly(3-hexylthiophene) towards $\text{PbI}_2/\text{CsPbI}_2/\text{Br}$ Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16388-16393.	7.2	57
39	Immobilization of trypsin via reactive polymer grafting from magnetic nanoparticles for microwave-assisted digestion. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2260.	2.9	56
40	Measuring Compositions in Organic Depth Profiling: Results from a VAMAS Interlaboratory Study. <i>Journal of Physical Chemistry B</i> , 2015, 119, 10784-10797.	1.2	56
41	A Biomimetic Self-Shield Interface for Flexible Perovskite Solar Cells with Negligible Lead Leakage. <i>Advanced Functional Materials</i> , 2021, 31, 2106460.	7.8	54
42	A Bionic Interface to Suppress the Coffee-Ring Effect for Reliable and Flexible Perovskite Modules with a Near-90% Yield Rate. <i>Advanced Materials</i> , 2022, 34, e2201840.	11.1	54
43	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.	4.6	52
44	Chemically converting residual lithium to a composite coating layer to enhance the rate capability and stability of single-crystalline Ni-rich cathodes. <i>Nano Energy</i> , 2022, 94, 106901.	8.2	50
45	Additive-Assisted Hot-Casting Free Fabrication of Dion-Jacobson 2D Perovskite Solar Cell with Efficiency Beyond 16%. <i>Solar Rrl</i> , 2020, 4, 2000087.	3.1	49
46	In Situ Mass Spectrometric Monitoring of the Dynamic Electrochemical Process at the Electrode-Electrolyte Interface: a SIMS Approach. <i>Analytical Chemistry</i> , 2017, 89, 960-965.	3.2	47
47	Incorporating CsF into the PbI_2 Film for Stable Mixed Cation-Halide Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1901726.	10.2	46
48	Potential-Dynamic Surface Chemistry Controls the Electrocatalytic Processes of Ethanol Oxidation on Gold Surfaces. <i>ACS Energy Letters</i> , 2019, 4, 215-221.	8.8	45
49	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.	1.9	44
50	Competition between glutathione and DNA oligonucleotides for ruthenium(II) arene anticancer complexes. <i>Dalton Transactions</i> , 2013, 42, 3188-3195.	1.6	43
51	Synthesis, characterization, screening and docking analysis of 4-anilinoquinazoline derivatives as tyrosine kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013, 61, 84-94.	2.6	43
52	Design of Low Bandgap $\text{CsPbI}_3/\text{SnI}_2$ Perovskite Solar Cells with Excellent Phase Stability. <i>Small</i> , 2021, 17, e2101380.	5.2	42
53	Investigation of Ion-Solvent Interactions in Nonaqueous Electrolytes Using in Situ Liquid SIMS. <i>Analytical Chemistry</i> , 2018, 90, 3341-3348.	3.2	41
54	Luminescent cyclometallated platinum(II) complexes: highly promising EGFR/DNA probes and dual-targeting anticancer agents. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 413-424.	3.0	41

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55	A Bis(methylpiperazinylstyryl)phenanthroline as a Fluorescent Ligand for Gâ€Quadruplexes. Chemistry - A European Journal, 2016, 22, 6037-6047.	1.7	40
56	Copper binding promotes the interaction of cisplatin with human copper chaperone Atox1. Chemical Communications, 2013, 49, 11197.	2.2	39
57	Quantitative Mass Spectrometry Combined with Separation and Enrichment of Phosphopeptides by Titania Coated Magnetic Mesoporous Silica Microspheres for Screening of Protein Kinase Inhibitors. Analytical Chemistry, 2012, 84, 2284-2291.	3.2	38
58	Discovery of a dual-targeting organometallic ruthenium complex with high activity inducing early stage apoptosis of cancer cells. Metallomics, 2015, 7, 1573-1583.	1.0	36
59	An Efficient Trap Passivator for Perovskite Solar Cells: Poly(propylene glycol) bis(2-aminopropyl) Tj ETQq1 1 0.784314 µgBT /Overlock 10	14.4	35
60	Dual-targeting organometallic ruthenium (<sc>ii</sc>) anticancer complexes bearing EGFR-inhibiting 4-anilinoquinazoline ligands. Dalton Transactions, 2015, 44, 13100-13111.	1.6	34
61	Trypsin immobilization in ordered porous polymer membranes for effective protein digestion. Analytica Chimica Acta, 2016, 906, 156-164.	2.6	33
62	Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. Frontiers in Chemistry, 2020, 8, 210.	1.8	33
63	Preparation and characterization of monolithic column by grafting pH-responsive polymer. Talanta, 2009, 79, 739-745.	2.9	32
64	Competitive Binding Sites of a Ruthenium Arene Anticancer Complex on Oligonucleotides Studied by Mass Spectrometry: Ladder-Sequencing versus Top-Down. Journal of the American Society for Mass Spectrometry, 2013, 24, 410-420.	1.2	32
65	Complexation with organometallic ruthenium pharmacophores enhances the ability of 4-anilinoquinazolines inducing apoptosis. Chemical Communications, 2013, 49, 10224.	2.2	32
66	Mass Spectrometric Proteomics Reveals that Nuclear Protein Positive Cofactor PC4 Selectively Binds to Cross-Linked DNA by a <i>trans</i>-Platinum Anticancer Complex. Journal of the American Chemical Society, 2014, 136, 2948-2951.	6.6	32
67	Dualâ€function interface engineering for efficient perovskite solar cells. EcoMat, 2021, 3, e12092.	6.8	32
68	High-performance affinity monolith chromatography for chiral separation and determination of enzyme kinetic constants. Talanta, 2010, 82, 1332-1337.	2.9	30
69	Organometallic ruthenium anticancer complexes inhibit human glutathione-S-transferase ĩ€. Journal of Inorganic Biochemistry, 2013, 128, 77-84.	1.5	30
70	Immobilization of trypsin on sub-micron skeletal polymer monolith. Analytica Chimica Acta, 2011, 692, 131-137.	2.6	29
71	Triplex-quadruplex structural scaffold: a new binding structure of aptamer. Scientific Reports, 2017, 7, 15467.	1.6	28
72	Direct determination of cadmium in solid biological materials by slurry sampling electrothermal atomic absorption spectrometry with polytetrafluoroethylene as a chemical modifier. Analytica Chimica Acta, 1999, 391, 89-94.	2.6	27

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73	Thymines in Single-Stranded Oligonucleotides and G-Quadruplex DNA Are Competitive with Guanines for Binding to an Organoruthenium Anticancer Complex. <i>Inorganic Chemistry</i> , 2013, 52, 11332-11342.	1.9	27
74	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.	2.9	27
75	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.	3.2	27
76	Identification of clusters from reactions of ruthenium arene anticancer complex with glutathione using nanoscale liquid chromatography fourier transform ion cyclotron mass spectrometry combined with ¹⁸ O-labeling. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 544-549.	1.2	26
77	Preparation of sub-µm skeletal monoliths with high capacity for liquid chromatography. <i>Journal of Separation Science</i> , 2010, 33, 475-483.	1.3	25
78	Argon Cluster Sputtering Source for ToF-SIMS Depth Profiling of Insulating Materials: High Sputter Rate and Accurate Interfacial Information. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1283-1290.	1.2	24
79	Visualization of metallodrugs in single cells by secondary ion mass spectrometry imaging. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 653-661.	1.1	24
80	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.	1.9	24
81	An Electrochemical Method for Investigation of Conformational Flexibility of Active Sites of <i>Trametes versicolor</i> Laccase Based on Sensitive Determination of Copper Ion with Cysteine-Modified Electrodes. <i>Analytical Chemistry</i> , 2012, 84, 9416-9421.	3.2	23
82	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014, 125, 411-417.	2.9	22
83	Sub-10 nm Ag Nanoparticles/Graphene Oxide: Controllable Synthesis, Size-Dependent and Extremely Ultrahigh Catalytic Activity. <i>Small</i> , 2019, 15, e1901701.	5.2	22
84	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.	2.6	21
85	Interaction of hypericin with guanine-rich DNA: Preferential binding to parallel G-Quadruplexes. <i>Dyes and Pigments</i> , 2016, 132, 405-411.	2.0	21
86	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.	2.2	21
87	Elucidation of the binding sites of sodium dodecyl sulfate to β -lactoglobulin using hydrogen/deuterium exchange mass spectrometry combined with docking simulation. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1429-1436.	0.7	20
88	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.	1.7	20
89	Mechanism of interstrand migration of organoruthenium anticancer complexes within a DNA duplex. <i>Metallomics</i> , 2012, 4, 139.	1.0	19
90	The role of serum albumin in the metabolism of Boc5: Molecular identification, species differences and contribution to plasma metabolism. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 360-369.	1.9	19

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91	In vivo fluorescence sensing of the salicylate-induced change of zinc ion concentration in the auditory cortex of rat brain. <i>Analyst</i> , 2015, 140, 197-203.	1.7	18
92	Electrical Loss Management by Molecularly Manipulating Dopant-free Poly(3-hexylthiophene) towards 16.93% CsPbI ₂ Br Solar Cells. <i>Angewandte Chemie</i> , 2021, 133, 16524-16529.	1.6	18
93	High Voltage-Stabilized Graphdiyne Cathode Interface. <i>Small</i> , 2021, 17, e2102066.	5.2	18
94	A comparative study on interactions of cisplatin and ruthenium arene anticancer complexes with metallothionein using MALDI-TOF-MS. <i>International Journal of Mass Spectrometry</i> , 2011, 307, 79-84.	0.7	17
95	Examining dynamics in a polymer matrix by single molecule fluorescence probes of different sizes. <i>Soft Matter</i> , 2016, 12, 7299-7306.	1.2	17
96	Nacre inspired robust self-encapsulating flexible perovskite photodetector. <i>Nano Energy</i> , 2022, 98, 107254.	8.2	17
97	Visible-light-induced cleavage of 4- β -amino acid substituted naphthalimides and its application in DNA photocleavage. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3931-3935.	1.5	16
98	Direct Molecular Evidence of Proton Transfer and Mass Dynamics at the Electrode-Electrolyte Interface. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 251-258.	2.1	16
99	Bottom-Up Etching-Mediated Synthesis of Large-Scale Pure Monolayer Graphene on Cyclic Polishing-Annealed Cu(111). <i>Advanced Materials</i> , 2022, 34, e2108608.	11.1	16
100	Study of the determination of trace amounts of chromium by electrothermal atomic absorption spectrometry with a poly(tetrafluoroethylene) slurry as a chemical modifier. <i>Journal of Analytical Atomic Spectrometry</i> , 1998, 13, 539-542.	1.6	15
101	Reducing Open-Circuit Voltage Deficit in Perovskite Solar Cells via Surface Passivation with Phenylhydroxylammonium Halide Salts. <i>Small Methods</i> , 2021, 5, e2000441.	4.6	15
102	Comparative studies on chemical modification of polytetrafluoroethylene slurry in ETV-ICP-AES and ETAAS. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 1619-1624.	1.6	14
103	Nanoscale imaging of Li and B in nuclear waste glass, a comparison of ToF-SIMS, NanoSIMS, and APT. <i>Surface and Interface Analysis</i> , 2016, 48, 1392-1401.	0.8	14
104	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016, 59, 1240-1249.	4.2	14
105	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , 2019, 91, 6035-6042.	3.2	14
106	Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. <i>Chemical Science</i> , 2021, 12, 5419-5429.	3.7	14
107	N,S-Heterocycles biodegradation and biosurfactant production under CO ₂ /N ₂ conditions by <i>Pseudomonas</i> and its application on heavy oil recovery. <i>Chemical Engineering Journal</i> , 2021, 413, 128771.	6.6	14
108	Copper binding modulates the platination of human copper chaperone Atox1 by antitumor trans-platinum complexes. <i>Metallomics</i> , 2014, 6, 491-497.	1.0	13

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109	Probing the Dynamic Interaction between Damaged DNA and a Cellular Responsive Protein Using a Piezoelectric Mass Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8490-8497.	4.0	13
110	Hydrogen Isotope Effects on Aqueous Electrolyte for Electrochemical Lithium-ion Storage. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
111	Use of polytetrafluoroethylene slurry for silica matrix removal in ETAAS direct determination of trace cobalt and nickel in silicon dioxide powder. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 963-966.	1.6	12
112	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.	2.1	12
113	Inhibitor screening of protein kinases using MALDI-TOF MS combined with separation and enrichment of phosphopeptides by TiO ₂ nanoparticle deposited capillary column. <i>Analyst</i> , The, 2010, 135, 2858.	1.7	11
114	ToF-SIMS depth profiling of insulating samples, interlaced mode or non-interlaced mode?. <i>Surface and Interface Analysis</i> , 2014, 46, 257-260.	0.8	11
115	Identification and discrimination of binding sites of an organoruthenium anticancer complex to single-stranded oligonucleotides by mass spectrometry. <i>Analyst</i> , The, 2014, 139, 4491-4496.	1.7	11
116	A universal strategy for direct immobilization of intact bioactivity-conserved carbohydrates on gold nanoparticles. <i>RSC Advances</i> , 2016, 6, 85333-85339.	1.7	11
117	<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.	3.2	11
118	Additive-Assisted Hot-Casting Free Fabrication of Dion-Jacobson 2D Perovskite Solar Cell with Efficiency Beyond 16%. <i>Solar Rrl</i> , 2020, 4, 2070074.	3.1	11
119	Reactions of an organoruthenium anticancer complex with 2-mercaptobenzanilide—a model for the active-site cysteine of protein tyrosine phosphatase 1B. <i>Dalton Transactions</i> , 2011, 40, 11519.	1.6	10
120	Preparation of a novel polymer monolith with functional polymer brushes by two-step atom transfer radical polymerization for trypsin immobilization. <i>Journal of Separation Science</i> , 2014, 37, 3411-3417.	1.3	10
121	Binding of Organometallic Ruthenium Anticancer Complexes to DNA: Thermodynamic Base and Sequence Selectivity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2137.	1.8	10
122	Unexpected Thymine Oxidation and Collision-Induced Thymine-Pt-guanine Cross-Linking on 5'-TpG and 5'-GpT by a Photoactivatable Diazido Pt(IV) Anticancer Complex. <i>Inorganic Chemistry</i> , 2020, 59, 8468-8480.	1.9	10
123	Ligand Evolution in the Photoactivatable Platinum(IV) Anticancer Prodrugs. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	10
124	Synthesis and docking study of 2-phenylaminopyrimidine Abl tyrosine kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6964-6968.	1.0	9
125	Quantification of bindings of organometallic ruthenium complexes to GST by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2015, 146, 44-51.	1.5	9
126	Cisplatin-induced alteration on membrane composition of A549 cells revealed by ToF-SIMS. <i>Surface and Interface Analysis</i> , 2020, 52, 256-263.	0.8	9

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127	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. RSC Advances, 2017, 7, 21630-21637.	1.7	9
128	Synthesis, characterization, and reaction pathways for the formation of a GMP adduct of a cytotoxic thiocyanato ruthenium arene complex. Journal of Biological Inorganic Chemistry, 2009, 14, 1065-1076.	1.1	8
129	Assay of vitamin B in urine by capillary electrochromatography with methacrylate-based monolithic column. Electrophoresis, 2010, 31, 3227-3232.	1.3	8
130	The Unexpected and Exceptionally Facile Chemical Modification of the Phenolic Hydroxyl Group of Tyrosine by Polyhalogenated Quinones under Physiological Conditions. Chemical Research in Toxicology, 2016, 29, 1699-1705.	1.7	8
131	Solvent-dependent structural dynamics of an azido-platinum complex revealed by linear and nonlinear infrared spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 9984-9996.	1.3	8
132	Organometallic ruthenium anticancer complexes inhibit human peroxiredoxin I activity by binding to and inducing oxidation of its catalytic cysteine residue. Metallomics, 2019, 11, 546-555.	1.0	8
133	Atmospheric particulate characterization by ToF-SIMS in an urban site in Beijing. Atmospheric Environment, 2020, 220, 117090.	1.9	8
134	Retarded local dynamics of single fluorescent probes in polymeric glass due to interaction strengthening. Polymer, 2017, 116, 452-457.	1.8	7
135	Correlated Secondary Ion Mass Spectrometry-Laser Scanning Confocal Microscopy Imaging for Single Cell-Principles and Applications. Chinese Journal of Analytical Chemistry, 2018, 46, 1005-1016.	0.9	7
136	Photoactivatable diazido Pt(IV) anticancer complex can bind to and oxidize all four nucleosides. Dalton Transactions, 2020, 49, 17157-17163.	1.6	7
137	Reactions of a photoactivatable diazido Pt(IV) anticancer complex with a single-stranded oligodeoxynucleotide. Dalton Transactions, 2020, 49, 11249-11259.	1.6	7
138	Mechanistic Insight into Royal Protein Inhibiting the Gram-Positive Bacteria. Biomolecules, 2021, 11, 64.	1.8	7
139	Identification of binding sites of cisplatin to human copper chaperone protein Cox17 by high-resolution FT-ICR-MS. Rapid Communications in Mass Spectrometry, 2016, 30, 168-172.	0.7	6
140	Tandem Mass Spectrometry Reveals Preferential Ruthenation of Thymines in Human Telomeric G-Quadruplex DNA by an Organometallic Ruthenium Anticancer Complex. Organometallics, 2020, 39, 3315-3322.	1.1	6
141	G-quadruplex inducer/stabilizer pyridostatin targets <i>SUB1</i> to promote cytotoxicity of a transplatinum complex. Nucleic Acids Research, 2022, 50, 3070-3082.	6.5	6
142	The formation of thymidine-based T-tetramers with remarkable structural and metal ion size effects. Organic and Biomolecular Chemistry, 2011, 9, 1030-1033.	1.5	5
143	Selective binding of an organoruthenium complex to <i>G-rich</i> human telomeric sequence by tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2018, 32, 2152-2158.	0.7	5
144	Scaled conductance quantization unravels the switching mechanism in organic ternary resistive memories. Journal of Materials Chemistry C, 2020, 8, 2964-2969.	2.7	5

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