

Fu-Yi Wang

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.

161
papers

4,649
citations

36
h-index

61
g-index

184
ext. papers

5,613
ext. citations

7.6
avg, IF

5.48
L-index

#	Paper	IF	Citations
161	Air-Stable High-Nickel Cathode with Reinforced Electrochemical Performance Enabled by Convertible Amorphous Li CO Modification.. <i>Advanced Materials</i> , 2022 , e2108947	24	15
160	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	17.1	6
159	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	3.7	
158	Bottom-Up-Etching-Mediated Synthesis of Large-Scale Pure Monolayer Graphene on Cyclic-Polishing-Annealed Cu(111) (Adv. Mater. 8/2022). <i>Advanced Materials</i> , 2022 , 34, 2270063	24	
157	Characterizing Heparin Tetrasaccharides Binding to Amyloid-Beta Peptide.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 824146	5.6	1
156	G-quadruplex inducer/stabilizer pyridostatin targets SUB1 to promote cytotoxicity of a transplatinum complex.. <i>Nucleic Acids Research</i> , 2022 ,	20.1	2
155	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
154	Serum Phosphopeptides Profiling for Colorectal Cancer Diagnosis Using Liquid Chromatography-Mass Spectrometry.. <i>Rapid Communications in Mass Spectrometry</i> , 2022 , e9316	2.2	
153	Nacre inspired robust self-encapsulating flexible perovskite photodetector. <i>Nano Energy</i> , 2022 , 98, 107254	25.1	3
152	A Bionic Interface to Suppressing the Coffee-ring Effect for Reliable and Flexible Perovskite Modules with a near 90% Yield Rate.. <i>Advanced Materials</i> , 2022 , e2201840	24	7
151	Bottom-Up-Etching Mediated Synthesis of Large-Scale Pure Monolayer Graphene on Cyclic-Polishing-Annealed Cu(111). <i>Advanced Materials</i> , 2021 , e2108608	24	6
150	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	16.4	16
149	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	16.4	28
148	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
147	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
146	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	14.7	4
145	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	3.6	4

144	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
143	Design of Low Bandgap CsPb Sn I Br Perovskite Solar Cells with Excellent Phase Stability. <i>Small</i> , 2021 , 17, e2101380	11	18
142	The gas-phase reaction kinetics of different structure of unsaturated alcohols and ketones with O ₃ . <i>Atmospheric Environment</i> , 2021 , 254, 118394	5.3	1
141	Electrical Loss Management by Molecularly Manipulating Dopant-free Poly(3-hexylthiophene) towards 16.93 % CsPbI Br Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16388-16393	16.4	17
140	Reducing Open-Circuit Voltage Deficit in Perovskite Solar Cells via Surface Passivation with Phenylhydroxylammonium Halide Salts.. <i>Small Methods</i> , 2021 , 5, e2000441	12.8	6
139	Mechanistic Insight into Royal Protein Inhibiting the Gram-Positive Bacteria. <i>Biomolecules</i> , 2021 , 11,	5.9	3
138	Open-flow microperfusion combined with mass spectrometry for in vivo liver lipidomic analysis. <i>Analyst, The</i> , 2021 , 146, 1915-1923	5	1
137	Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. <i>Chemical Science</i> , 2021 , 12, 5419-5429	9.4	2
136	Rubidium Fluoride Modified SnO ₂ for Planar n-i-p Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2021 , 31, 2010385	15.6	72
135	Dual-function interface engineering for efficient perovskite solar cells. <i>EcoMat</i> , 2021 , 3, e12092	9.4	9
134	High Voltage-Stabilized Graphdiyne Cathode Interface. <i>Small</i> , 2021 , 17, e2102066	11	5
133	Fluorescence live cell imaging revealed wogonin targets mitochondria. <i>Talanta</i> , 2021 , 230, 122328	6.2	3
132	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
131	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
130	Unexpected Thymine Oxidation and Collision-Induced Thymine-Pt-guanine Cross-Linking on 5RTPG and 5RGPt by a Photoactivatable Diazido Pt(IV) Anticancer Complex. <i>Inorganic Chemistry</i> , 2020 , 59, 8468-8480	5.1	4
129	Bio-inspired vertebral design for scalable and flexible perovskite solar cells. <i>Nature Communications</i> , 2020 , 11, 3016	17.4	86
128	Pharmacophore conjugation strategy for multi-targeting metal-based anticancer complexes. <i>Advances in Inorganic Chemistry</i> , 2020 , 257-285	2.1	0
127	Ion Exchange/Insertion Reactions for Fabrication of Efficient Methylammonium Tin Iodide Perovskite Solar Cells. <i>Advanced Science</i> , 2020 , 7, 1903047	13.6	28

126	Additive-Assisted Hot-Casting Free Fabrication of DionJacobson 2D Perovskite Solar Cell with Efficiency Beyond 16%. <i>Solar Rrl</i> , 2020 , 4, 2070074	7.1	3
125	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
124	Additive-Assisted Hot-Casting Free Fabrication of DionJacobson 2D Perovskite Solar Cell with Efficiency Beyond 16%. <i>Solar Rrl</i> , 2020 , 4, 2000087	7.1	32
123	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
122	Atmospheric particulate characterization by ToF-SIMS in an urban site in Beijing. <i>Atmospheric Environment</i> , 2020 , 220, 117090	5.3	3
121	ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , 2020 , 52, 272-282	1.5	0
120	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
119	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
118	Dynamic Evolution of a Cathode Interphase Layer at the Surface of LiNiCoMnO in Quasi-Solid-State Lithium Batteries. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20752-20762	16.4	24
117	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
116	An Efficient Trap Passivator for Perovskite Solar Cells: Poly(propylene glycol) bis(2-aminopropyl ether). <i>Nano-Micro Letters</i> , 2020 , 12, 177	19.5	16
115	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
114	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
113	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
112	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
111	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
110	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , 2019 , 91, 6035-6042	7.8	7
109	Sub-10 nm Ag Nanoparticles/Graphene Oxide: Controllable Synthesis, Size-Dependent and Extremely Ultrahigh Catalytic Activity. <i>Small</i> , 2019 , 15, e1901701	11	14

108	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
107	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	5.3	36
106	Advances in Toxicological Research of the Anticancer Drug Cisplatin. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1469-1486	4	80
105	A Mechanically Robust Conducting Polymer Network Electrode for Efficient Flexible Perovskite Solar Cells. <i>Joule</i> , 2019 , 3, 2205-2218	27.8	111
104	Interfacial Passivation for Perovskite Solar Cells: The Effects of the Functional Group in Phenethylammonium Iodide. <i>ACS Energy Letters</i> , 2019 , 4, 2913-2921	20.1	97
103	Incorporating CsF into the PbI ₂ Film for Stable Mixed Cation-Halide Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2019 , 9, 1901726	21.8	38
102	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
101	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	6.4	10
100	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
99	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
98	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
97	Investigation of Ion-Solvent Interactions in Nonaqueous Electrolytes Using in Situ Liquid SIMS. <i>Analytical Chemistry</i> , 2018 , 90, 3341-3348	7.8	19
96	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
95	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
94	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
93	Correlated Secondary Ion Mass Spectrometry-Laser Scanning Confocal Microscopy Imaging for Single Cell-Principles and Applications. <i>Chinese Journal of Analytical Chemistry</i> , 2018 , 46, 1005-1016	1.6	4
92	Selective binding of an organoruthenium complex to G-rich human telomeric sequence by tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 2152-2158	2.2	3
91	Solution structures of multiple G-quadruplex complexes induced by a platinum(II)-based tripod reveal dynamic binding. <i>Nature Communications</i> , 2018 , 9, 3496	17.4	53

90	Retarded local dynamics of single fluorescent probes in polymeric glass due to interaction strengthening. <i>Polymer</i> , 2017 , 116, 452-457	3.9	5
89	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	9.5	9
88	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
87	Visualization of metallodrugs in single cells by secondary ion mass spectrometry imaging. <i>Journal of Biological Inorganic Chemistry</i> , 2017 , 22, 653-661	3.7	17
86	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
85	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
84	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	7.8	37
83	Multi-Targeted Anticancer Agents. <i>Current Topics in Medicinal Chemistry</i> , 2017 , 17, 3084-3098	3	48
82	Triplex-quadruplex structural scaffold: a new binding structure of aptamer. <i>Scientific Reports</i> , 2017 , 7, 15467	4.9	16
81	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , 2017 , 7, 21630-21637	3.7	6
80	Examining dynamics in a polymer matrix by single molecule fluorescence probes of different sizes. <i>Soft Matter</i> , 2016 , 12, 7299-306	3.6	12
79	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
78	A universal strategy for direct immobilization of intact bioactivity-conserved carbohydrates on gold nanoparticles. <i>RSC Advances</i> , 2016 , 6, 85333-85339	3.7	8
77	Interaction of hypericin with guanine-rich DNA: Preferential binding to parallel G-Quadruplexes. <i>Dyes and Pigments</i> , 2016 , 132, 405-411	4.6	15
76	Trypsin immobilization in ordered porous polymer membranes for effective protein digestion. <i>Analytica Chimica Acta</i> , 2016 , 906, 156-164	6.6	31
75	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	1.5	11
74	A Bis(methylpiperazinylstyryl)phenanthroline as a Fluorescent Ligand for G-Quadruplexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 6037-47	4.8	35
73	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

72	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
71	The Unexpected and Exceptionally Facile Chemical Modification of the Phenolic Hydroxyl Group of Tyrosine by Polyhalogenated Quinones under Physiological Conditions. <i>Chemical Research in Toxicology</i> , 2016 , 29, 1699-1705	4	7
70	Rational design of multi-targeting ruthenium- and platinum-based anticancer complexes. <i>Science China Chemistry</i> , 2016 , 59, 1240-1249	7.9	13
69	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
68	Dual-targeting organometallic ruthenium(II) anticancer complexes bearing EGFR-inhibiting 4-anilinoquinazoline ligands. <i>Dalton Transactions</i> , 2015 , 44, 13100-11	4.3	29
67	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
66	Measuring Compositions in Organic Depth Profiling: Results from a VAMAS Interlaboratory Study. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 10784-97	3.4	46
65	In vivo fluorescence sensing of the salicylate-induced change of zinc ion concentration in the auditory cortex of rat brain. <i>Analyst, The</i> , 2015 , 140, 197-203	5	16
64	Visible-light-induced cleavage of 4-amino acid substituted naphthalimides and its application in DNA photocleavage. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 3931-5	3.9	15
63	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, 1283-90	3.5	22
62	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
61	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
60	Copper binding modulates the platination of human copper chaperone Atox1 by antitumor trans-platinum complexes. <i>Metallomics</i> , 2014 , 6, 491-7	4.5	10
59	Fluorescence light-up probe for parallel G-quadruplexes. <i>Analytical Chemistry</i> , 2014 , 86, 943-52	7.8	81
58	Dicyanomethylene-functionalized squaraine as a highly selective probe for parallel G-quadruplexes. <i>Analytical Chemistry</i> , 2014 , 86, 7063-70	7.8	69
57	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
56	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014 , 125, 411-7	6.2	19
55	Biosurfactant produced by novel <i>Pseudomonas</i> sp. WJ6 with biodegradation of n-alkanes and polycyclic aromatic hydrocarbons. <i>Journal of Hazardous Materials</i> , 2014 , 276, 489-98	12.8	117

54	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, 3411-7	3.4	9
53	ToF-SIMS depth profiling of insulating samples, interlaced mode or non-interlaced mode?. <i>Surface and Interface Analysis</i> , 2014 , 46, 257-260	1.5	10
52	Competitive binding sites of a ruthenium arene anticancer complex on oligonucleotides studied by mass spectrometry: ladder-sequencing versus top-down. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 410-20	3.5	26
51	Organometallic ruthenium anticancer complexes inhibit human glutathione-S-transferase □ <i>Journal of Inorganic Biochemistry</i> , 2013 , 128, 77-84	4.2	30
50	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, 360-9	5.1	16
49	Lipophilic thioguanosine: An anion receptor for cesium fluoride. <i>Journal of Fluorine Chemistry</i> , 2013 , 150, 67-71	2.1	
48	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
47	Complexation with organometallic ruthenium pharmacophores enhances the ability of 4-anilinoquinazolines inducing apoptosis. <i>Chemical Communications</i> , 2013 , 49, 10224-6	5.8	23
46	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
45	Competition between glutathione and DNA oligonucleotides for ruthenium(II) arene anticancer complexes. <i>Dalton Transactions</i> , 2013 , 42, 3188-95	4.3	40
44	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	6.8	40
43	Immobilization of trypsin via reactive polymer grafting from magnetic nanoparticles for microwave-assisted digestion. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2260-2267	7.3	53
42	Copper binding promotes the interaction of cisplatin with human copper chaperone Atox1. <i>Chemical Communications</i> , 2013 , 49, 11197-9	5.8	36
41	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, 11332-42	5.1	25
40	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
39	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, 9416-21	7.8	19
38	Quantitative mass spectrometry combined with separation and enrichment of phosphopeptides by titania coated magnetic mesoporous silica microspheres for screening of protein kinase inhibitors. <i>Analytical Chemistry</i> , 2012 , 84, 2284-91	7.8	35
37	Cyclic interconversion of methionine containing peptide between oxidized and reduced phases monitored by reversed-phase HPLC and ESI-MS/MS. <i>Talanta</i> , 2012 , 89, 531-6	6.2	3

36	Mechanism of interstrand migration of organoruthenium anticancer complexes within a DNA duplex. <i>Metallomics</i> , 2012 , 4, 139-48	4.5	17
35	The anticancer drug cisplatin can cross-link the interdomain zinc site on human albumin. <i>Chemical Communications</i> , 2011 , 47, 6006-8	5.8	77
34	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	1.9	15
33	Synthesis and docking study of 2-phenylaminopyrimidine Abl tyrosine kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6964-8	2.9	6
32	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, 1429-36	2.2	19
31	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, 11519-29	4.3	9
30	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
29	Immobilization of trypsin on sub-micron skeletal polymer monolith. <i>Analytica Chimica Acta</i> , 2011 , 692, 131-7	6.6	27
28	High-performance affinity monolith chromatography for chiral separation and determination of enzyme kinetic constants. <i>Talanta</i> , 2010 , 82, 1332-7	6.2	28
27	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, The</i> , 2010 , 135, 2858-63	5	11
26	Penetrative DNA intercalation and G-base selectivity of an organometallic tetrahydroanthracene Rull anticancer complex. <i>Chemical Science</i> , 2010 , 1, 258	9.4	57
25	Assay of vitamin B in urine by capillary electrochromatography with methacrylate-based monolithic column. <i>Electrophoresis</i> , 2010 , 31, 3227-32	3.6	7
24	Preparation of sub-micron skeletal monoliths with high capacity for liquid chromatography. <i>Journal of Separation Science</i> , 2010 , 33, 475-83	3.4	24
23	A colorimetric sensor for determination of cysteine by carboxymethyl cellulose-functionalized gold nanoparticles. <i>Analytica Chimica Acta</i> , 2010 , 671, 80-4	6.6	134
22	Folding and aggregation of cationic oligo(aryl-triazole)s in aqueous solution. <i>Chemistry - A European Journal</i> , 2009 , 15, 9424-33	4.8	64
21	Arene control over thiolate to sulfinate oxidation in albumin by organometallic ruthenium anticancer complexes. <i>Chemistry - A European Journal</i> , 2009 , 15, 6586-94	4.8	73
20	Single-molecule behavior of dendritic poly(ethylene glycol) structures towards lithium ions. <i>Chemistry - A European Journal</i> , 2009 , 15, 10352-5	4.8	4
19	Synthesis, characterization, and reaction pathways for the formation of a GMP adduct of a cytotoxic thiocyanato ruthenium arene complex. <i>Journal of Biological Inorganic Chemistry</i> , 2009 , 14, 1063-76	3.7	6

18	Preparation and characterization of monolithic column by grafting pH-responsive polymer. <i>Talanta</i> , 2009 , 79, 739-45	6.2	32
17	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, 544-9	3.5	23
16	Ruthenation of duplex and single-stranded d(CGGCCG) by organometallic anticancer complexes. <i>Chemistry - A European Journal</i> , 2006 , 12, 6151-65	4.8	67
15	Diversity in guanine-selective DNA binding modes for an organometallic ruthenium arene complex. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 8153-6	16.4	121
14	Diversity in Guanine-Selective DNA Binding Modes for an Organometallic Ruthenium Arene Complex. <i>Angewandte Chemie</i> , 2006 , 118, 8333-8336	3.6	18
13	Competition between glutathione and guanine for a ruthenium(II) arene anticancer complex: detection of a sulfenato intermediate. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17734-43	16.4	146
12	Competitive reactions of a ruthenium arene anticancer complex with histidine, cytochrome c and an oligonucleotide. <i>Journal of Biological Inorganic Chemistry</i> , 2005 , 10, 147-55	3.7	100
11	Controlling ligand substitution reactions of organometallic complexes: tuning cancer cell cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 18269-74	11.5	262
10	Half-sandwich arene ruthenium(II)-enzyme complex. <i>Chemical Communications</i> , 2004 , 1786-7	5.8	105
9	Induced-fit recognition of DNA by organometallic complexes with dynamic stereogenic centers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 14623-8	11.5	108
8	Kinetics of aquation and anation of ruthenium(II) arene anticancer complexes, acidity and X-ray structures of aqua adducts. <i>Chemistry - A European Journal</i> , 2003 , 9, 5810-20	4.8	221
7	STUDY ON THE CHEMICAL MODIFICATION OF ACETYLACETONE IN GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY DETERMINATION OF TRACE ALUMINIUM. <i>Analytical Letters</i> , 2002 , 35, 2593-2602	2.2	3
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5	Direct determination of cadmium in solid biological materials by slurry sampling electrothermal atomic absorption spectrometry with polytetrafluoroethylene as a chemical modifier. <i>Analytica Chimica Acta</i> , 1999 , 391, 89-94	6.6	19
4	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	3.7	8
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1	A Biomimetic Self-Shield Interface for Flexible Perovskite Solar Cells with Negligible Lead Leakage. <i>Advanced Functional Materials</i> , 2106460	15.6	16

