

# Kui Wu

## 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.

47  
papers

651  
citations

15  
h-index

24  
g-index

54  
ext. papers

755  
ext. citations

5.1  
avg, IF

3.58  
L-index

#	Paper	IF	Citations
47	The anticancer drug cisplatin can cross-link the interdomain zinc site on human albumin. <i>Chemical Communications</i> , <b>2011</b> , 47, 6006-8	5.8	77
46	Arene control over thiolate to sulfinate oxidation in albumin by organometallic ruthenium anticancer complexes. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 6586-94	4.8	73
45	Measuring Compositions in Organic Depth Profiling: Results from a VAMAS Interlaboratory Study. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 10784-97	3.4	46
44	Organometallic ruthenium anticancer complexes inhibit human glutathione-S-transferase $\square$ <i>Journal of Inorganic Biochemistry</i> , <b>2013</b> , 128, 77-84	4.2	30
43	Discovery of a dual-targeting organometallic ruthenium complex with high activity inducing early stage apoptosis of cancer cells. <i>Metallomics</i> , <b>2015</b> , 7, 1573-83	4.5	27
42	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> , <b>2014</b> , 136, 2948-51	16.4	26
41	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> , <b>2013</b> , 24, 410-20	3.5	26
40	Thymines in single-stranded oligonucleotides and G-quadruplex DNA are competitive with guanines for binding to an organoruthenium anticancer complex. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 11332-42	5.1	25
39	The enhanced visible-light-driven antibacterial performances of PTCDI-PANI(Fe(III)-doped) heterostructure. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 383, 121166	12.8	22
38	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , <b>2014</b> , 125, 411-7	6.2	19
37	Elucidation of the binding sites of sodium dodecyl sulfate to $\square$ actoglobulin using hydrogen/deuterium exchange mass spectrometry combined with docking simulation. <i>Rapid Communications in Mass Spectrometry</i> , <b>2011</b> , 25, 1429-36	2.2	19
36	Visualization of metallodrugs in single cells by secondary ion mass spectrometry imaging. <i>Journal of Biological Inorganic Chemistry</i> , <b>2017</b> , 22, 653-661	3.7	17
35	Mechanism of interstrand migration of organoruthenium anticancer complexes within a DNA duplex. <i>Metallomics</i> , <b>2012</b> , 4, 139-48	4.5	17
34	Platinum(II) Terpyridine Anticancer Complexes Possessing Multiple Mode of DNA Interaction and EGFR Inhibiting Activity. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 210	5	16
33	Self-Assembled Peptide Functionalized Gold Nanopolyhedrons with Excellent Chiral Optical Properties. <i>Langmuir</i> , <b>2020</b> , 36, 600-608	4	16
32	Discovery of Cisplatin Binding to Thymine and Cytosine on a Single-Stranded Oligodeoxynucleotide by High Resolution FT-ICR Mass Spectrometry. <i>Molecules</i> , <b>2019</b> , 24,	4.8	15
31	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> , <b>2011</b> , 307, 79-84	1.9	15

30	Doxorubicin loaded tumor-triggered targeting ammonium bicarbonate liposomes for tumor-specific drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 178, 263-268	6	14
29	Elucidation of the Mechanism of Action for Metal Based Anticancer Drugs by Mass Spectrometry-Based Quantitative Proteomics. <i>Molecules</i> , <b>2019</b> , 24,	4.8	14
28	Correlated mass spectrometry and confocal microscopy imaging verifies the dual-targeting action of an organoruthenium anticancer complex. <i>Chemical Communications</i> , <b>2017</b> , 53, 4136-4139	5.8	13
27	Self-assembled CpG oligodeoxynucleotides conjugated hollow gold nanospheres to enhance cancer-associated immunostimulation. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 175, 248-255	6	12
26	Reversal of the photoinduced majority carriers in polypyrrole by semiconductor-insulator-semiconductor heterostructure and related highly-efficient photoreduction of Cr(VI). <i>Chemical Engineering Journal</i> , <b>2020</b> , 393, 124720	14.7	11
25	Identification and discrimination of binding sites of an organoruthenium anticancer complex to single-stranded oligonucleotides by mass spectrometry. <i>Analyst, The</i> , <b>2014</b> , 139, 4491-6	5	10
24	Probing the Dynamic Interaction between Damaged DNA and a Cellular Responsive Protein Using a Piezoelectric Mass Biosensor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 8490-8497	9.5	9
23	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> , <b>2011</b> , 40, 11519-29	4.3	9
22	Quantification of bindings of organometallic ruthenium complexes to GST by mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , <b>2015</b> , 146, 44-51	4.2	8
21	Proteomic Strategy for Identification of Proteins Responding to Cisplatin-Damaged DNA. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 6035-6042	7.8	7
20	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , <b>2017</b> , 7, 21630-21637	3.7	6
19	Amphiphilic hexadecyl-quaternized chitin micelles for doxorubicin delivery. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 130, 615-621	7.9	6
18	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> , <b>2016</b> , 30 Suppl 1, 168-72	2.2	5
17	Binding of Organometallic Ruthenium Anticancer Complexes to DNA: Thermodynamic Base and Sequence Selectivity. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	5
16	Tandem Mass Spectrometry Reveals Preferential Ruthenation of Thymines in Human Telomeric G-Quadruplex DNA by an Organometallic Ruthenium Anticancer Complex. <i>Organometallics</i> , <b>2020</b> , 39, 3315-3322	3.8	5
15	Organometallic ruthenium anticancer complexes inhibit human peroxiredoxin I activity by binding to and inducing oxidation of its catalytic cysteine residue. <i>Metallomics</i> , <b>2019</b> , 11, 546-555	4.5	4
14	Unexpected Thymine Oxidation and Collision-Induced Thymine-Pt-guanine Cross-Linking on 5UTpG and 5UGpT by a Photoactivatable Diazido Pt(IV) Anticancer Complex. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 8468-8480	5.1	4
13	Correlated Secondary Ion Mass Spectrometry-Laser Scanning Confocal Microscopy Imaging for Single Cell-Principles and Applications. <i>Chinese Journal of Analytical Chemistry</i> , <b>2018</b> , 46, 1005-1016	1.6	4

12	Photoactivatable diazido Pt(IV) anticancer complex can bind to and oxidize all four nucleosides. <i>Dalton Transactions</i> , <b>2020</b> , 49, 17157-17163	4.3	3
11	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> , <b>2016</b> , 161, 99-106	4.2	3
10	Selective binding of an organoruthenium complex to G-rich human telomeric sequence by tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2018</b> , 32, 2152-2158	2.2	3
9	Deciphering of interactions between platinated DNA and HMGB1 by hydrogen/deuterium exchange mass spectrometry. <i>Dalton Transactions</i> , <b>2017</b> , 46, 6187-6195	4.3	2
8	Reactions of a photoactivatable diazido Pt(iv) anticancer complex with a single-stranded oligodeoxynucleotide. <i>Dalton Transactions</i> , <b>2020</b> , 49, 11249-11259	4.3	2
7	Mass spectrometric quantification of the binding ratio of metal-based anticancer complexes with protein thiols. <i>Rapid Communications in Mass Spectrometry</i> , <b>2019</b> , 33, 951-958	2.2	2
6	Single cell imaging reveals cisplatin regulating interactions between transcription (co)factors and DNA. <i>Chemical Science</i> , <b>2021</b> , 12, 5419-5429	9.4	2
5	ToF-SIMS analysis of chemical composition of atmospheric aerosols in Beijing. <i>Surface and Interface Analysis</i> , <b>2020</b> , 52, 272-282	1.5	0
4	Antitumor Effects of pH-/Reduction-Responsive Fe <sub>3</sub> O <sub>4</sub> @Alginate Magnetic Nanoparticles Loaded with Doxorubicin on Subcutaneous Tumor Models of Hepatocellular Carcinoma Xenografts in BALB/c Nude Mice. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 3707-3716	5.6	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> , <b>2022</b> , 1	4.4	0
2	Magnetic-targeted capacitive heterostructure of polypyrrole for hypoxia-tolerant synergistic photodynamic/photothermal therapy under near infrared excitation. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2022</b> , 216, 112557	6	0
1	Serum Phosphopeptides Profiling for Colorectal Cancer Diagnosis Using Liquid Chromatography-Mass Spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2022</b> , e9316	2.2	