

Zijian Guo

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245
papers

13,622
citations

58
h-index

109
g-index

253
ext. papers

15,118
ext. citations

6.9
avg. IF

6.81
L-index

#	Paper	IF	Citations
245	Fluorescent detection of zinc in biological systems: recent development on the design of chemosensors and biosensors. <i>Coordination Chemistry Reviews</i> , 2004 , 248, 205-229	23.2	859
244	Metals in Medicine. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1512-1531	16.4	636
243	H ₂ O ₂ -activatable and O ₂ -evolving nanoparticles for highly efficient and selective photodynamic therapy against hypoxic tumor cells. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1539-47	16.4	623
242	Metal coordination in photoluminescent sensing. <i>Chemical Society Reviews</i> , 2013 , 42, 1568-600	58.5	593
241	Targeting and delivery of platinum-based anticancer drugs. <i>Chemical Society Reviews</i> , 2013 , 42, 202-24	58.5	481
240	A ratiometric fluorescent probe for rapid detection of hydrogen sulfide in mitochondria. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1688-91	16.4	434
239	Visible light excitable Zn ²⁺ fluorescent sensor derived from an intramolecular charge transfer fluorophore and its in vitro and in vivo application. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1460-8	16.4	370
238	Metal-based anticancer chemotherapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2014 , 19, 144-53	9.7	359
237	Hydrolysis theory for cisplatin and its analogues based on density functional studies. <i>Journal of the American Chemical Society</i> , 2001 , 123, 9378-87	16.4	265
236	Stimuli-Responsive Therapeutic Metallodrugs. <i>Chemical Reviews</i> , 2019 , 119, 1138-1192	68.1	257
235	Medicinal Inorganic Chemistry. <i>Advances in Inorganic Chemistry</i> , 1999 , 49, 183-306	2.1	219
234	A novel cytotoxic ternary copper(II) complex of 1,10-phenanthroline and L-threonine with DNA nuclease activity. <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 2099-106	4.2	211
233	Design of artificial metallonucleases with oxidative mechanism. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 1951-1972	23.2	204
232	Functionalization of Platinum Complexes for Biomedical Applications. <i>Accounts of Chemical Research</i> , 2015 , 48, 2622-31	24.3	183
231	Encapsulation of platinum anticancer drugs by apoferritin. <i>Chemical Communications</i> , 2007 , 3453-5	5.8	183
230	Photoluminescence imaging of Zn(2+) in living systems. <i>Chemical Society Reviews</i> , 2015 , 44, 4517-46	58.5	178
229	Oxidative DNA cleavage promoted by multinuclear copper complexes: activity dependence on the complex structure. <i>Chemistry - A European Journal</i> , 2006 , 12, 6621-9	4.8	158

228	A highly sensitive ratiometric fluorescent probe for Cd ²⁺ detection in aqueous solution and living cells. <i>Chemical Communications</i> , 2010 , 46, 6138-40	5.8	155
227	Ratiometric detection of pH fluctuation in mitochondria with a new fluorescein/cyanine hybrid sensor. <i>Chemical Science</i> , 2015 , 6, 3187-3194	9.4	143
226	The role of sulfur in platinum anticancer chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2007 , 7, 19-34	2.2	142
225	Towards the rational design of platinum(II) and gold(III) complexes as antitumour agents. <i>Dalton Transactions</i> , 2008 , 1521-32	4.3	139
224	A trinuclear copper(II) complex of 2,4,6-tris(di-2-pyridylamine)-1,3,5-triazine shows prominent DNA cleavage activity. <i>Inorganic Chemistry</i> , 2007 , 46, 3306-12	5.1	138
223	Oxidative DNA strand scission induced by a trinuclear copper(II) complex. <i>Inorganic Chemistry</i> , 2004 , 43, 4761-6	5.1	137
222	Noncovalent interactions between a trinuclear monofunctional platinum complex and human serum albumin. <i>Inorganic Chemistry</i> , 2011 , 50, 12661-8	5.1	118
221	Design and synthesis of a ratiometric fluorescent chemosensor for Cu(II) with a fluorophore hybridization approach. <i>Organic Letters</i> , 2012 , 14, 4378-81	6.2	117
220	Stereospecific and Kinetic Control over the Hydrolysis of a Sterically Hindered Platinum Picoline Anticancer Complex. <i>Chemistry - A European Journal</i> , 1998 , 4, 672-676	4.8	116
219	A Zn ²⁺ fluorescent sensor derived from 2-(pyridin-2-yl)benzoimidazole with ratiometric sensing potential. <i>Organic Letters</i> , 2009 , 11, 795-8	6.2	113
218	Hydrothermal synthesis, structures, and physical properties of four new flexible multicarboxylate ligands-based compounds. <i>Inorganic Chemistry</i> , 2008 , 47, 9528-36	5.1	112
217	A red fluorescent turn-on probe for hydrogen sulfide and its application in living cells. <i>Chemical Communications</i> , 2013 , 49, 7510-2	5.8	111
216	A porous metal-organic framework based on Zn ₆ O ₂ clusters: chemical stability, gas adsorption properties and solvatochromic behavior. <i>Chemical Communications</i> , 2013 , 49, 555-7	5.8	106
215	An Optical/Photoacoustic Dual-Modality Probe: Ratiometric in/ex Vivo Imaging for Stimulated HS Upregulation in Mice. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17973-17977	16.4	101
214	Metalle in der Medizin. <i>Angewandte Chemie</i> , 1999 , 111, 1610-1630	3.6	99
213	Characterization and cellular uptake of platinum anticancer drugs encapsulated in apoferritin. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 1039-44	4.2	98
212	An asymmetric dizinc phosphodiesterase model with phenolate and carboxylate bridges. <i>Inorganic Chemistry</i> , 2005 , 44, 3422-30	5.1	90
211	Six new metal-organic frameworks based on polycarboxylate acids and V-shaped imidazole-based synthon: syntheses, crystal structures, and properties. <i>Inorganic Chemistry</i> , 2011 , 50, 2404-14	5.1	88

210	An H ₂ O ₂ -responsive nanocarrier for dual-release of platinum anticancer drugs and O ₂ -controlled release and enhanced cytotoxicity against cisplatin resistant cancer cells. <i>Chemical Communications</i> , 2014 , 50, 9714-7	5.8	87
209	A mitochondrion-targeting copper complex exhibits potent cytotoxicity against cisplatin-resistant tumor cells through multiple mechanisms of action. <i>Chemical Science</i> , 2014 , 5, 2761-2770	9.4	86
208	Effects of cyclen and cyclam on zinc(II)- and copper(II)-induced amyloid beta-peptide aggregation and neurotoxicity. <i>Inorganic Chemistry</i> , 2009 , 48, 5801-9	5.1	86
207	Molecular combo of photodynamic therapeutic agent silicon(IV) phthalocyanine and anticancer drug cisplatin. <i>Chemical Communications</i> , 2009 , 908-10	5.8	85
206	Biotin-tagged platinum(IV) complexes as targeted cytostatic agents against breast cancer cells. <i>Chemical Communications</i> , 2017 , 53, 9971-9974	5.8	82
205	Novel zinc fluorescent probe bearing dansyl and aminoquinoline groups. <i>Chemical Communications</i> , 2002 , 1424-5	5.8	79
204	A turn-on fluorescent Fe(3+) sensor derived from an anthracene-bearing bisdiene macrocycle and its intracellular imaging application. <i>Chemical Communications</i> , 2014 , 50, 4631-4	5.8	76
203	An excitation ratiometric Zn ²⁺ sensor with mitochondria-targetability for monitoring of mitochondrial Zn ²⁺ release upon different stimulations. <i>Chemical Communications</i> , 2012 , 48, 8365-7	5.8	72
202	Reactivity of platinum-based antitumor drugs towards a Met- and His-rich 20mer peptide corresponding to the N-terminal domain of human copper transporter 1. <i>Journal of Biological Inorganic Chemistry</i> , 2009 , 14, 1313-23	3.7	72
201	DNA binding properties of novel cytotoxic gold(III) complexes of terpyridine ligands: the impact of steric and electrostatic effects. <i>Journal of Biological Inorganic Chemistry</i> , 2006 , 11, 745-52	3.7	72
200	A new "turn-on" chemodosimeter for Hg ²⁺ : ICT fluorophore formation via Hg(2+)-induced carbaldehyde recovery from 1,3-dithiane. <i>Chemical Communications</i> , 2012 , 48, 5094-6	5.8	71
199	Platinum(II)-gadolinium(III) complexes as potential single-molecular theranostic agents for cancer treatment. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13225-8	16.4	70
198	Mitochondrion-targeted platinum complexes suppressing lung cancer through multiple pathways involving energy metabolism. <i>Chemical Science</i> , 2019 , 10, 3089-3095	9.4	69
197	Three new heteroatom-metallic cluster polymers with fascinating topologies. <i>Inorganic Chemistry</i> , 2009 , 48, 5772-8	5.1	69
196	Promotive effect of the platinum moiety on the DNA cleavage activity of copper-based artificial nucleases. <i>Inorganic Chemistry</i> , 2010 , 49, 2541-9	5.1	68
195	Restraining Cancer Cells by Dual Metabolic Inhibition with a Mitochondrion-Targeted Platinum(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4638-4643	16.4	67
194	Vinyl Ether/Tetrazine Pair for the Traceless Release of Alcohols in Cells. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 243-247	16.4	65
193	A reversible ratiometric sensor for intracellular Cu ²⁺ imaging: metal coordination-altered FRET in a dual fluorophore hybrid. <i>Chemical Communications</i> , 2013 , 49, 7632-4	5.8	65

192	Platinum(II) compounds bearing bone-targeting group: synthesis, crystal structure and antitumor activity. <i>Chemical Communications</i> , 2010 , 46, 1212-4	5.8	64
191	DNA binding property, nuclease activity and cytotoxicity of Zn(II) complexes of terpyridine derivatives. <i>BioMetals</i> , 2009 , 22, 297-305	3.4	62
190	In vitro and in vivo imaging application of a 1,8-naphthalimide-derived Zn(2+) fluorescent sensor with nuclear envelope penetrability. <i>Chemical Communications</i> , 2013 , 49, 11430-2	5.8	60
189	Inhibitory action of macrocyclic platiniferous chelators on metal-induced A β aggregation. <i>Chemical Science</i> , 2012 , 3, 1304	9.4	59
188	Endogenous Stimuli-responsive Nanocarriers for Drug Delivery. <i>Chemistry Letters</i> , 2016 , 45, 242-249	1.7	58
187	Syntheses, structures, photoluminescence and magnetic properties of five compounds with 1,3,5-benzenetricarboxylate acid and imidazole ligands. <i>CrystEngComm</i> , 2010 , 12, 612-619	3.3	58
186	Monofunctional platinum complexes showing potent cytotoxicity against human liver carcinoma cell line BEL-7402. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3502-7	8.3	57
185	Superparamagnetic magnetite nanocrystal clusters as potential magnetic carriers for the delivery of platinum anticancer drugs. <i>Journal of Materials Chemistry</i> , 2011 , 21, 11142		56
184	Terbium(III) complex as a luminescent sensor for human serum albumin in aqueous solution. <i>Chemical Communications</i> , 2011 , 47, 8127-9	5.8	56
183	Platination of a GG site on single-stranded and double-stranded forms of a 14-base oligonucleotide with diaqua cisplatin followed by NMR and HPLC -- influence of the platinum ligands and base sequence on 5'-G versus 3'-G platination selectivity. <i>FEBS Journal</i> , 1997 , 249, 370-82		55
182	Crystal structure, DNA-binding ability and cytotoxic activity of platinum(II) 2,2'-dipyridylamine complexes. <i>Inorganica Chimica Acta</i> , 2004 , 357, 95-102	2.7	55
181	Photoactivated Lysosomal Escape of a Monofunctional Pt Complex Pt-BDPA for Nucleus Access. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12661-12666	16.4	54
180	Six New Co-Coordination Polymers Based on a Tripodal Carboxylate Ligand. <i>Crystal Growth and Design</i> , 2012 , 12, 3610-3618	3.5	53
179	Structural evidence for the facile chelate-ring opening reactions of novel platinum(II)pyridine carboxamide complexes. <i>Dalton Transactions RSC</i> , 2002 , 591		51
178	A novel terpyridine/benzofurazan hybrid fluorophore: metal sensing behavior and application. <i>Dalton Transactions</i> , 2011 , 40, 2173-6	4.3	48
177	A positively charged trinuclear 3N-chelated monofunctional platinum complex with high DNA affinity and potent cytotoxicity. <i>Dalton Transactions</i> , 2006 , 2617-9	4.3	48
176	Novel Au(III) complexes of aminoquinoline derivatives: crystal structure, DNA binding and cytotoxicity against melanoma and lung tumour cells. <i>Dalton Transactions</i> , 2003 , 3419	4.3	48
175	Cytotoxic palladium(II) complexes of 8-aminoquinoline derivatives and the interaction with human serum albumin. <i>Journal of Inorganic Biochemistry</i> , 2012 , 106, 46-51	4.2	47

174	Electron-Transfer-Driven Trans-Ligand Labilization: A Novel Activation Mechanism for Pt(IV) Anticancer Complexes. <i>Journal of the American Chemical Society</i> , 1998 , 120, 8253-8254	16.4	46
173	A charge transfer type pH responsive fluorescent probe and its intracellular application. <i>New Journal of Chemistry</i> , 2010 , 34, 656	3.6	43
172	A platinum anticancer theranostic agent with magnetic targeting potential derived from maghemite nanoparticles. <i>Chemical Science</i> , 2013 , 4, 2605	9.4	42
171	DNA cross-linking patterns induced by an antitumor-active trinuclear platinum complex and comparison with its dinuclear analogue. <i>Chemistry - A European Journal</i> , 2009 , 15, 5245-53	4.8	42
170	Glutathione boosting the cytotoxicity of a magnetic platinum(iv) nano-prodrug in tumor cells. <i>Chemical Science</i> , 2016 , 7, 2864-2869	9.4	41
169	Ferroptosis Photoinduced by New Cyclometalated Iridium(III) Complexes and Its Synergism with Apoptosis in Tumor Cell Inhibition. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8174-8181	16.4	41
168	A fluorometric/colorimetric dual-channel Hg ²⁺ sensor derived from a 4-amino-7-nitro-benzoxadiazole (ANBD) fluorophore. <i>New Journal of Chemistry</i> , 2011 , 35, 607	3.6	40
167	Monofunctional platinum complexes containing a 4-nitrobenzo-2-oxa-1,3-diazole fluorophore: distribution in tumour cells. <i>Dalton Transactions</i> , 2011 , 40, 10376-82	4.3	40
166	Reversible DNA condensation induced by a tetranuclear nickel(II) complex. <i>Chemistry - A European Journal</i> , 2010 , 16, 14181-9	4.8	40
165	In vivo ratiometric Zn ²⁺ imaging in zebrafish larvae using a new visible light excitable fluorescent sensor. <i>Chemical Communications</i> , 2014 , 50, 1253-5	5.8	39
164	Comparison of DNA binding and cleavage abilities between mono- and trinuclear copper(II) complexes of benzimidazole derivatives. <i>Inorganic Chemistry Communication</i> , 2008 , 11, 1392-1396	3.1	38
163	In vivo fluorescence imaging for Cu ²⁺ in live mice by a new NIR fluorescent sensor. <i>Dyes and Pigments</i> , 2016 , 130, 116-121	4.6	37
162	Five Novel Coordination Polymers Based on a C-Centered Triangular Flexible Ligand. <i>Crystal Growth and Design</i> , 2012 , 12, 1022-1031	3.5	36
161	A dual-labeling probe to track functional mitochondria-lysosome interactions in live cells. <i>Nature Communications</i> , 2020 , 11, 6290	17.4	35
160	Impact of Mitochondrion-Targeting Group on the Reactivity and Cytostatic Pathway of Platinum(IV) Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 11135-11145	5.1	35
159	Hypotoxic copper complexes with potent anti-metastatic and anti-angiogenic activities against cancer cells. <i>Dalton Transactions</i> , 2018 , 47, 5049-5054	4.3	34
158	A dinuclear monofunctional platinum(II) complex with an aromatic linker shows low reactivity towards glutathione but high DNA binding ability and antitumor activity. <i>Journal of Biological Inorganic Chemistry</i> , 2007 , 12, 655-65	3.7	34
157	Multispecific Platinum(IV) Complex Deters Breast Cancer via Interposing Inflammation and Immunosuppression as an Inhibitor of COX-2 and PD-L1. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23313-23321	16.4	34

156	-Designed Near-Infrared Nanoaggregates for Super-Resolution Monitoring of Lysosomes in Cells, in Whole Organoids, and. <i>ACS Nano</i> , 2019 , 13, 14426-14436	16.7	34
155	Novel polynuclear platinum adducts detected during the reactions of [Pt(Met-S,N)Cl ₂] with gamma-glutathione and L-cysteine. <i>Journal of Inorganic Biochemistry</i> , 2004 , 98, 702-12	4.2	33
154	5-Fluorouracil-cisplatin adducts with potential antitumor activity. <i>Journal of Inorganic Biochemistry</i> , 2003 , 94, 186-92	4.2	33
153	Stabilization of monofunctional platinum nucleotide adducts: reactions of N-acetyl-L-methionine complexes with guanosine 5'-monophosphate and guanylyl(3',5')guanosine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 2867-2876		33
152	Metal-involved theranostics: An emerging strategy for fighting Alzheimer's disease. <i>Coordination Chemistry Reviews</i> , 2018 , 362, 72-84	23.2	32
151	Sequence-specific detection of cytosine methylation in DNA via the FRET mechanism between upconversion nanoparticles and gold nanorods. <i>Chemical Communications</i> , 2016 , 52, 8377-80	5.8	32
150	Novel Cytotoxic Copper(II) Complexes of 8-Aminoquinoline Derivatives: Crystal Structure and Different Reactivity towards Glutathione. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 4028-4035	2.3	32
149	A New Platinum Anticancer Drug Forms a Highly Stereoselective Adduct with Duplex DNA. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 2060-2063	16.4	32
148	Gold(III) compounds of 1,4,7-triazacyclononane showing high cytotoxicity against A-549 and HCT-116 tumor cell lines. <i>Journal of Inorganic Biochemistry</i> , 2006 , 100, 939-45	4.2	30
147	Toward the design of novel polynuclear platinum antitumor complexes: a polydentate ligand system based on dipyridylamine and 1,3,5-trimethylenebenzene. <i>Inorganic Chemistry</i> , 2003 , 42, 5795-7	5.1	30
146	In vitro and in vivo fluorescent imaging of a monofunctional chelated platinum complex excitable using visible light. <i>Inorganic Chemistry</i> , 2011 , 50, 11847-9	5.1	29
145	Crystal structure and superoxide dismutase activity of a six-coordinate manganese(III) complex. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 262-265	3.1	29
144	A New Approach to Sensitize Antitumor Monofunctional Platinum(II) Complexes via Short Time Photo-Irradiation. <i>Inorganic Chemistry</i> , 2017 , 56, 3754-3762	5.1	28
143	Ab initio and density functional theory studies on vibrational spectra of palladium (II) and platinum (II) complexes of methionine and histidine: effect of theoretical methods and basis sets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 3187-95	4.4	27
142	Towards rational design of RAD51-targeting prodrugs: platinum-artesunate conjugates with enhanced cytotoxicity against BRCA-proficient ovarian and breast cancer cells. <i>Chemical Communications</i> , 2018 , 54, 11717-11720	5.8	27
141	Sequence-dependent bending of DNA induced by cisplatin: NMR structures of an A.T-rich 14-mer duplex. <i>Chemistry - A European Journal</i> , 2000 , 6, 3636-44	4.8	27
140	Syntheses, Structures, Photochemical and Magnetic Properties of Novel Divalent Cd/Mn Coordination Polymers Based on a Semirigid Tripodal Carboxylate Ligand. <i>Crystal Growth and Design</i> , 2013 , 13, 1694-1702	3.5	26
139	Targeting Energy Metabolism by a Platinum(IV) Prodrug as an Alternative Pathway for Cancer Suppression. <i>Inorganic Chemistry</i> , 2019 , 58, 6507-6516	5.1	24

- 138 HMGB1 bound to cisplatin-DNA adducts undergoes extensive acetylation and phosphorylation. *Chemical Science*, **2015**, 6, 2074-2078 9.4 24
- 137 A Minimal, Unstrained S-Allyl Handle for Pre-Targeting Diels-Alder Bioorthogonal Labeling in Live Cells. *Angewandte Chemie - International Edition*, **2016**, 55, 14683-14687 16.4 24
- 136 Unique DNA binding mode of antitumor trinuclear tridentate platinum(II) compound. *Molecular Pharmaceutics*, **2011**, 8, 2368-78 5.6 24
- 135 A visible light excitable fluorescent sensor for triphosphate/pyrophosphate based on a diZn²⁺ complex bearing an intramolecular charge transfer fluorophore. *Dalton Transactions*, **2009**, 7888-90 4.3 24
- 134 Determination of binding sites in carboplatin-bound cytochrome c using electrospray ionization mass spectrometry and tandem mass spectrometry. *Journal of Mass Spectrometry*, **2005**, 40, 1005-16 2.2 24
- 133 Anticancer copper complex with nucleus, mitochondrion and cyclooxygenase-2 as multiple targets. *Journal of Inorganic Biochemistry*, **2019**, 190, 38-44 4.2 24
- 132 Dual aptamer modified dendrigraft poly-L-lysine nanoparticles for overcoming multi-drug resistance through mitochondrial targeting. *Journal of Materials Chemistry B*, **2017**, 5, 972-979 7.3 23
- 131 [¹H,¹⁵N] Nuclear magnetic resonance studies of [Pt(dien)Cl]⁺ (dien = diethylenetriamine): hydrolysis and reactions with nucleotides. *Journal of the Chemical Society Dalton Transactions*, **1997**, 4107-4112 23
- 130 Synergic effect of two metal centers in catalytic hydrolysis of methionine-containing peptides promoted by dinuclear palladium(II) hexaazacyclooctadecane complex. *Dalton Transactions*, **2005**, 1613-4 4.3 23
- 129 Improving nuclease activity of copper(II)-terpyridine complex through solubilizing and charge effects of glycine. *Journal of Inorganic Biochemistry*, **2013**, 121, 114-20 4.2 22
- 128 Solvothermal syntheses, structures, and physical properties of four new coordination compounds constructed from a bent dicarboxylate ligand. *Dalton Transactions*, **2010**, 39, 8240-7 4.3 22
- 127 Effect of adenine moiety on DNA binding property of copper(II)-terpyridine complexes. *Dalton Transactions*, **2008**, 3054-60 4.3 22
- 126 Selective sensing of dihydrogen phosphate anion by a fluorescent tetranuclear pentacoordinated zinc(II) complex. *New Journal of Chemistry*, **2007**, 31, 357 3.6 22
- 125 Theoretical calculation on far-infrared spectra of some palladium(II) and platinum(II) halides: effect of theoretical methods and basis sets. *Computational and Theoretical Chemistry*, **2002**, 617, 87-97 22
- 124 Modulating Conformation of Aβ Peptide: An Effective Way to Prevent Protein-Misfolding Disease. *Inorganic Chemistry*, **2018**, 57, 13533-13543 5.1 22
- 123 BODIPY-derived ratiometric fluorescent sensors: pH-regulated aggregation-induced emission and imaging application in cellular acidification triggered by crystalline silica exposure. *Science China Chemistry*, **2018**, 61, 1413-1422 7.9 21
- 122 Synthesis and properties of five unexpected copper complexes with ring-cleavage of 3,6-di-2-pyridyl-1,2,4,5-tetrazine by one pot in situ hydrothermal reaction. *CrystEngComm*, **2012**, 14, 2258 3.3 21
- 121 Mechanistic insights into antitumor effects of new dinuclear cis Pt(II) complexes containing aromatic linkers. *Biochemical Pharmacology*, **2010**, 80, 344-51 6 21

120	Chelate-ring-opened adducts of [Pt(en)(Me-Mal-O,O?)] (en = ethane-1,2-diamine, Me-Mal = 2-methylmalonate) with methionine derivatives: relevance to the biological activity of platinum anticancer agents. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 469-478		21
119	Chelate ring-opening ruthenium complexes: X-ray crystal structure and solution studies of cis, trans-bis(2-dimethyl-aminoethyl)-diphenyl-phosphino(dichloro)ruthenium(II). <i>Inorganica Chimica Acta</i> , 1998 , 273, 1-7	2.7	21
118	Disulfide bond cleavage induced by a platinum(II) methionine complex. <i>Inorganic Chemistry</i> , 2005 , 44, 6077-81	5.1	21
117	Antitumor active monofunctional platinum(II) complexes: Synthesis, structural characterization and reactivity towards biomolecules. <i>Inorganic Chemistry Communication</i> , 2006 , 9, 722-726	3.1	21
116	Steric effect on the nuclease activity of Cu(II) complexes with aminoquinoline derivatives. <i>Journal of Inorganic Biochemistry</i> , 2005 , 99, 1490-6	4.2	21
115	Enhancing Cytotoxicity of a Monofunctional Platinum Complex via a Dual-DNA-Damage Approach. <i>Inorganic Chemistry</i> , 2019 , 58, 13150-13160	5.1	20
114	An ultrasensitive fluorescent nanosensor for trypsin based on upconversion nanoparticles. <i>Talanta</i> , 2017 , 174, 797-802	6.2	20
113	DNA-binding property and antitumor activity of bismuth(III) complex with 1,4,7,10-tetrakis(2-pyridylmethyl)-1,4,7,10-tetraazacyclododecane. <i>Dalton Transactions</i> , 2003 , 2379	4.3	20
112	Nanoscale monitoring of mitochondria and lysosome interactions for drug screening and discovery. <i>Nano Research</i> , 2019 , 12, 1009-1015	10	19
111	Inhibiting A β toxicity in Alzheimer's disease by a pyridine amine derivative. <i>European Journal of Medicinal Chemistry</i> , 2019 , 168, 330-339	6.8	19
110	Monolayers of Novel Calix[4]arene Derivative and Its Palladium(II) Complexes Formed at the Air/Water Interface. <i>Langmuir</i> , 2001 , 17, 1143-1149	4	19
109	Interfering in apoptosis and DNA repair of cancer cells to conquer cisplatin resistance by platinum(IV) prodrugs. <i>Chemical Science</i> , 2020 , 11, 3829-3835	9.4	18
108	Detecting and delivering platinum anticancer drugs using fluorescent maghemite nanoparticles. <i>Chemical Communications</i> , 2013 , 49, 2786-8	5.8	18
107	Platinum(II) and Gadolinium(III) Complexes as Potential Single-Molecular Theranostic Agents for Cancer Treatment. <i>Angewandte Chemie</i> , 2014 , 126, 13441-13444	3.6	18
106	Cellular and biomolecular responses of human ovarian cancer cells to cytostatic dinuclear platinum(II) complexes. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011 , 16, 288-300	5.4	18
105	Selective guanosine binding and cytotoxicity of a benzimidazole derived dinickel complex. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1894-902	4.2	18
104	Monitoring the Reactions of the Anticancer Drug Carboplatin with the Chemopreventive Agent Selenomethionine by Electrospray Mass Spectrometry and [1H,15N] HSQC NMR Spectroscopy. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 2170-2178	2.3	18
103	Novel Cu(II)-quinoline carboxamide complexes: structural characterization, cytotoxicity and reactivity towards 5'-GMP. <i>BioMetals</i> , 2003 , 16, 485-96	3.4	18

102	Simultaneous Zn tracking in multiple organelles using super-resolution morphology-correlated organelle identification in living cells. <i>Nature Communications</i> , 2021 , 12, 109	17.4	18
101	Novel mitochondrion-targeting copper(II) complex induces HK2 malfunction and inhibits glycolysis via Drp1-mediated mitophagy in HCC. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 3091-3107	5.6	17
100	A dual-modal probe for NIR fluorogenic and ratiometric photoacoustic imaging of Cys/Hcy in vivo. <i>Science China Chemistry</i> , 2020 , 63, 699-706	7.9	17
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