

Guo Zijian

List of Publications by Citations

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162
papers

8,888
citations

43
h-index

91
g-index

169
ext. papers

10,309
ext. citations

8.4
avg, IF

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L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 162 | Metals in Medicine. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1512-1531 | 16.4 | 636 |
| 161 | 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 |
| 160 | Metal coordination in photoluminescent sensing. <i>Chemical Society Reviews</i> , 2013 , 42, 1568-600 | 58.5 | 593 |
| 159 | Targeting and delivery of platinum-based anticancer drugs. <i>Chemical Society Reviews</i> , 2013 , 42, 202-24 | 58.5 | 481 |
| 158 | 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 |
| 157 | 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 |
| 156 | Metal-based anticancer chemotherapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2014 , 19, 144-53 | 9.7 | 359 |
| 155 | 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 |
| 154 | Stimuli-Responsive Therapeutic Metallodrugs. <i>Chemical Reviews</i> , 2019 , 119, 1138-1192 | 68.1 | 257 |
| 153 | Functionalization of Platinum Complexes for Biomedical Applications. <i>Accounts of Chemical Research</i> , 2015 , 48, 2622-31 | 24.3 | 183 |
| 152 | Photoluminescence imaging of Zn(2+) in living systems. <i>Chemical Society Reviews</i> , 2015 , 44, 4517-46 | 58.5 | 178 |
| 151 | Thienopyrrole-expanded BODIPY as a potential NIR photosensitizer for photodynamic therapy. <i>Chemical Communications</i> , 2013 , 49, 3940-2 | 5.8 | 153 |
| 150 | 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 |
| 149 | The role of sulfur in platinum anticancer chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2007 , 7, 19-34 | 2.2 | 142 |
| 148 | Towards the rational design of platinum(II) and gold(III) complexes as antitumour agents. <i>Dalton Transactions</i> , 2008 , 1521-32 | 4.3 | 139 |
| 147 | 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 |
| 146 | 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 |

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| 145 | 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 |
| 144 | Metalle in der Medizin. <i>Angewandte Chemie</i> , 1999 , 111, 1610-1630 | 3.6 | 99 |
| 143 | A Ratiometric Fluorescent Probe for Rapid Detection of Hydrogen Sulfide in Mitochondria. <i>Angewandte Chemie</i> , 2013 , 125, 1732-1735 | 3.6 | 97 |
| 142 | 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 |
| 141 | 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 |
| 140 | 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 |
| 139 | Biotin-tagged platinum(IV) complexes as targeted cytostatic agents against breast cancer cells. <i>Chemical Communications</i> , 2017 , 53, 9971-9974 | 5.8 | 82 |
| 138 | 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 |
| 137 | X-Ray crystal structures of Mg ²⁺ and Ca ²⁺ dimers of the antibacterial drug norfloxacin. <i>Dalton Transactions RSC</i> , 2000 , 4013-4014 | | 75 |
| 136 | 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 |
| 135 | Titanium(IV) targets phosphoesters on nucleotides: implications for the mechanism of action of the anticancer drug titanocene dichloride. <i>Journal of Biological Inorganic Chemistry</i> , 2001 , 6, 698-707 | 3.7 | 71 |
| 134 | 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 |
| 133 | Mitochondrion-targeted platinum complexes suppressing lung cancer through multiple pathways involving energy metabolism. <i>Chemical Science</i> , 2019 , 10, 3089-3095 | 9.4 | 69 |
| 132 | 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 |
| 131 | Platinum(II) compounds bearing bone-targeting group: synthesis, crystal structure and antitumor activity. <i>Chemical Communications</i> , 2010 , 46, 1212-4 | 5.8 | 64 |
| 130 | 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 |
| 129 | Inhibitory action of macrocyclic platiniferous chelators on metal-induced A β aggregation. <i>Chemical Science</i> , 2012 , 3, 1304 | 9.4 | 59 |
| 128 | Endogenous Stimuli-responsive Nanocarriers for Drug Delivery. <i>Chemistry Letters</i> , 2016 , 45, 242-249 | 1.7 | 58 |

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|-----|---|------|----|
| 127 | 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 |
| 126 | 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 |
| 125 | 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 |
| 124 | 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 |
| 123 | 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 |
| 122 | Structural evidence for the facile chelate-ring opening reactions of novel platinum(II)pyridine carboxamide complexes. <i>Dalton Transactions RSC</i> , 2002 , 591 | | 51 |
| 121 | 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 |
| 120 | A charge transfer type pH responsive fluorescent probe and its intracellular application. <i>New Journal of Chemistry</i> , 2010 , 34, 656 | 3.6 | 43 |
| 119 | A platinum anticancer theranostic agent with magnetic targeting potential derived from maghemite nanoparticles. <i>Chemical Science</i> , 2013 , 4, 2605 | 9.4 | 42 |
| 118 | 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 |
| 117 | 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 |
| 116 | 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 |
| 115 | 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 |
| 114 | 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 |
| 113 | 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 |
| 112 | A dual-labeling probe to track functional mitochondria-lysosome interactions in live cells. <i>Nature Communications</i> , 2020 , 11, 6290 | 17.4 | 35 |
| 111 | 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 |
| 110 | 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 |

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|-----|---|------|----|
| 109 | 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 |
| 108 | A photo-regulated aptamer sensor for spatiotemporally controlled monitoring of ATP in the mitochondria of living cells. <i>Chemical Science</i> , 2019 , 11, 713-720 | 9.4 | 34 |
| 107 | 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 |
| 106 | -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 |
| 105 | Arsenene: A Potential Therapeutic Agent for Acute Promyelocytic Leukaemia Cells by Acting on Nuclear Proteins. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5151-5158 | 16.4 | 33 |
| 104 | Metal-involved theranostics: An emerging strategy for fighting Alzheimer's disease. <i>Coordination Chemistry Reviews</i> , 2018 , 362, 72-84 | 23.2 | 32 |
| 103 | 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 |
| 102 | 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 ²³ | | 32 |
| 101 | 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 |
| 100 | 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 |
| 99 | 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 |
| 98 | 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 |
| 97 | Metal Anticancer Complexes [Activity, Mechanism of Action, Future Perspectives. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1539-1540 | 2.3 | 26 |
| 96 | 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 |
| 95 | Synergetic effect between spin crossover and luminescence in the [Fe(bpp) ₂][BF ₄] ₂ (bpp = 2,6-bis(pyrazol-1-yl)pyridine) complex. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5214-5222 | 7.1 | 24 |
| 94 | 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 |
| 93 | HMGB1 bound to cisplatin-DNA adducts undergoes extensive acetylation and phosphorylation. <i>Chemical Science</i> , 2015 , 6, 2074-2078 | 9.4 | 24 |
| 92 | Anticancer copper complex with nucleus, mitochondrion and cyclooxygenase-2 as multiple targets. <i>Journal of Inorganic Biochemistry</i> , 2019 , 190, 38-44 | 4.2 | 24 |

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| 91 | Dual aptamer modified dendrigraft poly-l-lysine nanoparticles for overcoming multi-drug resistance through mitochondrial targeting. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 972-979 | 7.3 | 23 |
| 90 | Synergic effect of two metal centers in catalytic hydrolysis of methionine-containing peptides promoted by dinuclear palladium(II) hexaazacyclooctadecane complex. <i>Dalton Transactions</i> , 2005 , 1613-43 | 4.3 | 23 |
| 89 | Effect of adenine moiety on DNA binding property of copper(II)-terpyridine complexes. <i>Dalton Transactions</i> , 2008 , 3054-60 | 4.3 | 22 |
| 88 | Selective sensing of dihydrogen phosphate anion by a fluorescent tetranuclear pentacoordinated zinc(II) complex. <i>New Journal of Chemistry</i> , 2007 , 31, 357 | 3.6 | 22 |
| 87 | Modulating Conformation of Aβ Peptide: An Effective Way to Prevent Protein-Misfolding Disease. <i>Inorganic Chemistry</i> , 2018 , 57, 13533-13543 | 5.1 | 22 |
| 86 | BODIPY-derived ratiometric fluorescent sensors: pH-regulated aggregation-induced emission and imaging application in cellular acidification triggered by crystalline silica exposure. <i>Science China Chemistry</i> , 2018 , 61, 1413-1422 | 7.9 | 21 |
| 85 | Structural Diversity and Properties of Six 2D or 3D Metal-Organic Frameworks Based on Thiophene-Containing Ligand. <i>Crystal Growth and Design</i> , 2012 , 12, 5783-5791 | 3.5 | 21 |
| 84 | 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. <i>CrystEngComm</i> , 2012 , 14, 22583-3 | 3.3 | 21 |
| 83 | Mechanistic insights into antitumor effects of new dinuclear cis Pt(II) complexes containing aromatic linkers. <i>Biochemical Pharmacology</i> , 2010 , 80, 344-51 | 6 | 21 |
| 82 | Enhancing Cytotoxicity of a Monofunctional Platinum Complex via a Dual-DNA-Damage Approach. <i>Inorganic Chemistry</i> , 2019 , 58, 13150-13160 | 5.1 | 20 |
| 81 | An ultrasensitive fluorescent nanosensor for trypsin based on upconversion nanoparticles. <i>Talanta</i> , 2017 , 174, 797-802 | 6.2 | 20 |
| 80 | 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 |
| 79 | Nanoscale monitoring of mitochondria and lysosome interactions for drug screening and discovery. <i>Nano Research</i> , 2019 , 12, 1009-1015 | 10 | 19 |
| 78 | Inhibiting Aβ toxicity in Alzheimer's disease by a pyridine amine derivative. <i>European Journal of Medicinal Chemistry</i> , 2019 , 168, 330-339 | 6.8 | 19 |
| 77 | Organic-inorganic hybrid coordination polymers based on the 5-oxoacetate isophthalic acid (H3OABDC) ligand: syntheses, structures, magnetic and luminescent properties. <i>CrystEngComm</i> , 2010 , 12, 4424 | 3.3 | 19 |
| 76 | 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 |
| 75 | 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 |
| 74 | 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 |

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| 73 | 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 |
| 72 | 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 |
| 71 | Coumarin/BODIPY Hybridisation for Ratiometric Sensing of Intracellular Polarity Oscillation. <i>Chemistry - A European Journal</i> , 2018 , 24, 7513-7524 | 4.8 | 17 |
| 70 | A monofunctional trinuclear platinum complex with steric hindrance demonstrates strong cytotoxicity against tumor cells. <i>Journal of Inorganic Biochemistry</i> , 2014 , 139, 77-84 | 4.2 | 17 |
| 69 | Activation of carboplatin and nedaplatin by the N-terminus of human copper transporter 1 (hCTR1). <i>Chemical Science</i> , 2012 , 3, 3206 | 9.4 | 17 |
| 68 | ESMS and NMR investigations on the interaction of the anticancer drug cisplatin and chemopreventive agent selenomethionine. <i>Dalton Transactions RSC</i> , 2001 , 911-916 | | 17 |
| 67 | A ratiometric fluorescent probe for real-time monitoring of intracellular glutathione fluctuations in response to cisplatin. <i>Chemical Science</i> , 2020 , 11, 8495-8501 | 9.4 | 17 |
| 66 | The role of bridging ligands in determining DNA-binding ability and cross-linking patterns of dinuclear platinum(II) antitumour complexes. <i>Dalton Transactions</i> , 2009 , 10889-95 | 4.3 | 16 |
| 65 | A FRET-based fluorescent Zn sensor: 3D ratiometric imaging, flow cytometric tracking and cisplatin-induced Zn fluctuation monitoring. <i>Chemical Science</i> , 2020 , 11, 11037-11041 | 9.4 | 16 |
| 64 | FRET-based fluorescent ratiometric probes for the rapid detection of endogenous hydrogen sulphide in living cells. <i>Analyst, The</i> , 2020 , 145, 4233-4238 | 5 | 15 |
| 63 | Alleviation of symptoms of Alzheimer's disease by diminishing A β neurotoxicity and neuroinflammation. <i>Chemical Science</i> , 2019 , 10, 10149-10158 | 9.4 | 15 |
| 62 | Restraining Cancer Cells by Dual Metabolic Inhibition with a Mitochondrion-Targeted Platinum(II) Complex. <i>Angewandte Chemie</i> , 2019 , 131, 4686-4691 | 3.6 | 14 |
| 61 | Anion-selectivity of cationic clusterorganic nanospheres based on a nest-shaped [MS ₄ Cu ₃ X ₃] cluster monomer with a ditopic ligand. <i>CrystEngComm</i> , 2013 , 15, 5016 | 3.3 | 14 |
| 60 | Compositions and conformations of several transition metal complexes with a nonapeptide hormone oxytocin. <i>Dalton Transactions RSC</i> , 2000 , 4196-4200 | | 14 |
| 59 | Kinetics of formation and stability of [Pt(dien)] ²⁺ complexes with octamer and 14-mer DNA oligonucleotides containing a GG sequence. <i>Journal of Biological Inorganic Chemistry</i> , 1999 , 4, 32-8 | 3.7 | 14 |
| 58 | Reversible FRET Fluorescent Probe for Ratiometric Tracking of Endogenous Fe in Ferroptosis. <i>Inorganic Chemistry</i> , 2020 , 59, 10920-10927 | 5.1 | 14 |
| 57 | The role of carrier ligands of platinum(II) anticancer complexes in the protein recognition of Pt-DNA adducts. <i>Chemical Communications</i> , 2015 , 51, 14064-7 | 5.8 | 13 |
| 56 | A Potential Bone-Targeting Hypotoxic Platinum(II) Complex with an Unusual Cytostatic Mechanism toward Osteosarcoma Cells. <i>Inorganic Chemistry</i> , 2018 , 57, 3315-3322 | 5.1 | 13 |

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|----|--|------|----|
| 55 | New Trends and Future Developments of Platinum-Based Antitumor Drugs 2011 , 97-149 | | 13 |
| 54 | A Sheet-targeted theranostic agent for diagnosing and preventing aggregation of pathogenic peptides in Alzheimer's disease. <i>Science China Chemistry</i> , 2020 , 63, 73-82 | 7.9 | 13 |
| 53 | TPP-related mitochondrial targeting copper (II) complex induces p53-dependent apoptosis in hepatoma cells through ROS-mediated activation of Drp1. <i>Cell Communication and Signaling</i> , 2019 , 17, 149 | 7.5 | 13 |
| 52 | A novel luminescent Ir(III) complex for dual mode imaging: synergistic response to hypoxia and acidity of the tumor microenvironment. <i>Chemical Communications</i> , 2020 , 56, 8055-8058 | 5.8 | 12 |
| 51 | Hyaluronic acid functionalized gold nanorods combined with copper-based therapeutic agents for chemo-photothermal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 4841-4845 | 7.3 | 12 |
| 50 | Photoactivated Lysosomal Escape of a Monofunctional Pt(II) Complex Pt-BDPA for Nucleus Access. <i>Angewandte Chemie</i> , 2019 , 131, 12791-12796 | 3.6 | 12 |
| 49 | Immobilisierung von platinieren und iodierten DNA-Oligomeren an Kohlenstoff-Nanoröhren. <i>Angewandte Chemie</i> , 1997 , 109, 2291-2294 | 3.6 | 12 |
| 48 | Monofunctional Platinum(II) Anticancer Agents. <i>Pharmaceuticals</i> , 2021 , 14, | 5.2 | 12 |
| 47 | A ratiometric fluorescent probe for imaging enzyme dependent hydrogen sulfide variation in the mitochondria and in living mice. <i>Analyst, The</i> , 2020 , 145, 5123-5127 | 5 | 11 |
| 46 | Small molecule-mediated co-assembly of amyloid-β oligomers reduces neurotoxicity through promoting non-fibrillar aggregation. <i>Chemical Science</i> , 2020 , 11, 7158-7169 | 9.4 | 11 |
| 45 | Specific recognition of DNA depurination by a luminescent terbium(III) complex. <i>Chemical Science</i> , 2013 , 4, 3748 | 9.4 | 11 |
| 44 | Rational construction of a reversible arylazo-based NIR probe for cycling hypoxia imaging in vivo. <i>Nature Communications</i> , 2021 , 12, 2772 | 17.4 | 11 |
| 43 | Dinuclear Platinum(II) Complexes with Bone-Targeting Groups as Potential Anti-Osteosarcoma Agents. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1659-1667 | 4.5 | 10 |
| 42 | A mitochondria-targeting fluorescent Fe ³⁺ probe and its application in labile Fe ³⁺ monitoring via imaging and flow cytometry. <i>Dyes and Pigments</i> , 2018 , 157, 328-333 | 4.6 | 10 |
| 41 | A platinum(IV) prodrug to defeat breast cancer through disrupting vasculature and inhibiting metastasis. <i>Dalton Transactions</i> , 2019 , 48, 3571-3575 | 4.3 | 10 |
| 40 | Golgi apparatus-targeted aggregation-induced emission luminogens for effective cancer photodynamic therapy. <i>Nature Communications</i> , 2022 , 13, 2179 | 17.4 | 10 |
| 39 | Tuning lipophilicity for optimizing the H ₂ S sensing performance of coumarin-terocyanine derivatives. <i>New Journal of Chemistry</i> , 2019 , 43, 14800-14805 | 3.6 | 9 |
| 38 | A ratiometric fluorescent sensor for tracking Cu(I) fluctuation in endoplasmic reticulum. <i>Science China Chemistry</i> , 2019 , 62, 465-474 | 7.9 | 9 |

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| 37 | Fine Tuning of the Electronic Properties of Novel BTPE Using Oligosilanyl Linkages and Their Application in Rapid High-Resolution Visualization of Latent Fingerprints. <i>CCS Chemistry</i> , 2020 , 2, 329-336 | 7.2 | 9 |
| 36 | Dual-drug loaded nanoformulation with a galactosamine homing moiety for liver-targeted anticancer therapy. <i>Dalton Transactions</i> , 2016 , 45, 13169-78 | 4.3 | 8 |
| 35 | Multispecific Platinum(IV) Complex Deters Breast Cancer via Interposing Inflammation and Immunosuppression as an Inhibitor of COX-2 and PD-L1. <i>Angewandte Chemie</i> , 2020 , 132, 23513-23521 | 3.6 | 8 |
| 34 | A ferroptosis-inducing iridium(III) complex. <i>Science China Chemistry</i> , 2020 , 63, 65-72 | 7.9 | 8 |
| 33 | Novel copper complex CTB regulates methionine cycle induced TERT hypomethylation to promote HCC cells senescence via mitochondrial SLC25A26. <i>Cell Death and Disease</i> , 2020 , 11, 844 | 9.8 | 7 |
| 32 | Inhibition of metal-induced amyloid β peptide aggregation by a blood-brain barrier permeable silica-cyclen nanochelator.. <i>RSC Advances</i> , 2019 , 9, 14126-14131 | 3.7 | 6 |
| 31 | Proteomic analysis of cisplatin- and oxaliplatin-induced phosphorylation in proteins bound to Pt-DNA adducts. <i>Metallomics</i> , 2020 , 12, 1834-1840 | 4.5 | 6 |
| 30 | ¹⁹⁵ Pt- and ¹⁵ N-NMR Spectroscopic Studies of Cisplatin Reactions with Biomolecules 2006 , 293-318 | | 6 |
| 29 | Using bio-orthogonally catalyzed lethality strategy to generate mitochondria-targeting anti-tumor metallodrugs and. <i>National Science Review</i> , 2021 , 8, nwaa286 | 10.8 | 6 |
| 28 | Immunogenicity and cytotoxicity of a platinum(IV) complex derived from capsaicin. <i>Dalton Transactions</i> , 2021 , 50, 3516-3522 | 4.3 | 6 |
| 27 | DNA cleavage behavior of a new p-xylyl spaced bisCu(BPA)Cl ₂ complex: the steric effect of a bulky p-xylyl-derived spacer. <i>New Journal of Chemistry</i> , 2012 , 36, 644-649 | 3.6 | 5 |
| 26 | BODIPY-based monofunctional Pt (II) complexes for specific photocytotoxicity against cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021 , 218, 111394 | 4.2 | 5 |
| 25 | Recent Advances of Noble Metal Complex based Photodynamic Therapy. <i>Chemical Science</i> , | 9.4 | 5 |
| 24 | DNA-Unresponsive Platinum(II) Complex Induces ERS-Mediated Mitophagy in Cancer Cells.. <i>Journal of Medicinal Chemistry</i> , 2021 , | 8.3 | 5 |
| 23 | Guanine-guided time-resolved luminescence recognition of DNA modification and i-motif formation by a terbium(III)-platinum(II) complex. <i>Biosensors and Bioelectronics</i> , 2020 , 150, 111841 | 11.8 | 4 |
| 22 | Rational design of anticancer platinum(IV) prodrugs. <i>Advances in Inorganic Chemistry</i> , 2020 , 75, 149-182 | 2.1 | 4 |
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