

Guo Zijian

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

11,781
citations

34016

52
h-index

30010

103
g-index

169
all docs

169
docs citations

169
times ranked

12727
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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, 1539-1547. | 6.6 | 754 |
| 2 | Metals in Medicine. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1512-1531. | 7.2 | 753 |
| 3 | Metal coordination in photoluminescent sensing. <i>Chemical Society Reviews</i> , 2013, 42, 1568. | 18.7 | 702 |
| 4 | Targeting and delivery of platinum-based anticancer drugs. <i>Chemical Society Reviews</i> , 2013, 42, 202-224. | 18.7 | 588 |
| 5 | A Ratiometric Fluorescent Probe for Rapid Detection of Hydrogen Sulfide in Mitochondria. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1688-1691. | 7.2 | 491 |
| 6 | Metal-based anticancer chemotherapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2014, 19, 144-153. | 2.8 | 438 |
| 7 | Stimuli-Responsive Therapeutic Metallo drugs. <i>Chemical Reviews</i> , 2019, 119, 1138-1192. | 23.0 | 437 |
| 8 | 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, 1460-1468. | 6.6 | 401 |
| 9 | Hydrolysis Theory for Cisplatin and Its Analogues Based on Density Functional Studies. <i>Journal of the American Chemical Society</i> , 2001, 123, 9378-9387. | 6.6 | 293 |
| 10 | Functionalization of Platinum Complexes for Biomedical Applications. <i>Accounts of Chemical Research</i> , 2015, 48, 2622-2631. | 7.6 | 235 |
| 11 | Photoluminescence imaging of Zn ²⁺ in living systems. <i>Chemical Society Reviews</i> , 2015, 44, 4517-4546. | 18.7 | 225 |
| 12 | Thienopyrrole-expanded BODIPY as a potential NIR photosensitizer for photodynamic therapy. <i>Chemical Communications</i> , 2013, 49, 3940. | 2.2 | 173 |
| 13 | Ratiometric detection of pH fluctuation in mitochondria with a new fluorescein/cyanine hybrid sensor. <i>Chemical Science</i> , 2015, 6, 3187-3194. | 3.7 | 165 |
| 14 | The Role of Sulfur in Platinum Anticancer Chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2007, 7, 19-34. | 0.9 | 156 |
| 15 | An Optical/Photoacoustic Dual-Modality Probe: Ratiometric in/ex Vivo Imaging for Stimulated H ₂ S Upregulation in Mice. <i>Journal of the American Chemical Society</i> , 2019, 141, 17973-17977. | 6.6 | 156 |
| 16 | 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. | 7.2 | 154 |
| 17 | Towards the rational design of platinum(ii) and gold(iii) complexes as antitumour agents. <i>Dalton Transactions</i> , 2008, , 1521-1532. | 1.6 | 150 |
| 18 | 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. | 1.7 | 126 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Restraining Cancer Cells by Dual Metabolic Inhibition with a Mitochondrion-Targeted Platinum(II) Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4638-4643. | 7.2 | 124 |
| 20 | A red fluorescent turn-on probe for hydrogen sulfide and its application in living cells. <i>Chemical Communications</i> , 2013, 49, 7510. | 2.2 | 121 |
| 21 | Mitochondrion-targeted platinum complexes suppressing lung cancer through multiple pathways involving energy metabolism. <i>Chemical Science</i> , 2019, 10, 3089-3095. | 3.7 | 119 |
| 22 | Biotin-tagged platinum(IV) complexes as targeted cytostatic agents against breast cancer cells. <i>Chemical Communications</i> , 2017, 53, 9971-9974. | 2.2 | 118 |
| 23 | A dual-labeling probe to track functional mitochondria-lysosome interactions in live cells. <i>Nature Communications</i> , 2020, 11, 6290. | 5.8 | 116 |
| 24 | 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. | 3.7 | 108 |
| 25 | 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, 9714-9717. | 2.2 | 98 |
| 26 | Effects of Cyclen and Cyclam on Zinc(II)- and Copper(II)-Induced Amyloid β -Peptide Aggregation and Neurotoxicity. <i>Inorganic Chemistry</i> , 2009, 48, 5801-5809. | 1.9 | 97 |
| 27 | Multispecific Platinum(IV) Complex Deters Breast Cancer via Interposing Inflammation and Immunosuppression as an Inhibitor of COX-2 and PD-1. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23313-23321. | 7.2 | 94 |
| 28 | Photoactivated Lysosomal Escape of a Monofunctional Pt ^{II} Complex Pt-BDPA for Nucleus Access. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12661-12666. | 7.2 | 89 |
| 29 | 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. | 2.2 | 84 |
| 30 | Golgi apparatus-targeted aggregation-induced emission luminogens for effective cancer photodynamic therapy. <i>Nature Communications</i> , 2022, 13, 2179. | 5.8 | 83 |
| 31 | X-Ray crystal structures of Mg ²⁺ and Ca ²⁺ dimers of the antibacterial drug norfloxacin. <i>Dalton Transactions RSC</i> , 2000, , 4013-4014. | 2.3 | 81 |
| 32 | Endogenous Stimuli-responsive Nanocarriers for Drug Delivery. <i>Chemistry Letters</i> , 2016, 45, 242-249. | 0.7 | 80 |
| 33 | 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. | 1.1 | 77 |
| 34 | 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. | 2.2 | 77 |
| 35 | Platinum(II)-Gadolinium(III) Complexes as Potential Single-Molecular Theranostic Agents for Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13225-13228. | 7.2 | 77 |
| 36 | Inhibitory action of macrocyclic platiniferous chelators on metal-induced A β ² aggregation. <i>Chemical Science</i> , 2012, 3, 1304. | 3.7 | 72 |

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|----|---|-----|-----------|
| 37 | Simultaneous Zn ²⁺ tracking in multiple organelles using super-resolution morphology-correlated organelle identification in living cells. <i>Nature Communications</i> , 2021, 12, 109. | 5.8 | 71 |
| 38 | 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, 370-382. | 0.2 | 68 |
| 39 | Platinum(ii) compounds bearing bone-targeting group: synthesis, crystal structure and antitumor activity. <i>Chemical Communications</i> , 2010, 46, 1212. | 2.2 | 68 |
| 40 | Superparamagnetic magnetite nanocrystal clusters as potential magnetic carriers for the delivery of platinum anticancer drugs. <i>Journal of Materials Chemistry</i> , 2011, 21, 11142. | 6.7 | 65 |
| 41 | A photo-regulated aptamer sensor for spatiotemporally controlled monitoring of ATP in the mitochondria of living cells. <i>Chemical Science</i> , 2020, 11, 713-720. | 3.7 | 65 |
| 42 | <i>De Novo</i> -Designed Near-Infrared Nanoaggregates for Super-Resolution Monitoring of Lysosomes in Cells, in Whole Organoids, and <i>in Vivo</i> . <i>ACS Nano</i> , 2019, 13, 14426-14436. | 7.3 | 63 |
| 43 | 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. | 2.2 | 62 |
| 44 | Hypotoxic copper complexes with potent anti-metastatic and anti-angiogenic activities against cancer cells. <i>Dalton Transactions</i> , 2018, 47, 5049-5054. | 1.6 | 62 |
| 45 | 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. | 7.2 | 62 |
| 46 | Recent advances in noble metal complex based photodynamic therapy. <i>Chemical Science</i> , 2022, 13, 5085-5106. | 3.7 | 62 |
| 47 | 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. | 1.3 | 60 |
| 48 | Monofunctional Platinum Complexes Showing Potent Cytotoxicity against Human Liver Carcinoma Cell Line BEL-7402. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3502-3507. | 2.9 | 59 |
| 49 | Impact of Mitochondrion-Targeting Group on the Reactivity and Cytostatic Pathway of Platinum(IV) Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 11135-11145. | 1.9 | 58 |
| 50 | Interfering in apoptosis and DNA repair of cancer cells to conquer cisplatin resistance by platinum(<i>iv</i>) prodrugs. <i>Chemical Science</i> , 2020, 11, 3829-3835. | 3.7 | 58 |
| 51 | Glutathione boosting the cytotoxicity of a magnetic platinum(<i>iv</i>) nano-prodrug in tumor cells. <i>Chemical Science</i> , 2016, 7, 2864-2869. | 3.7 | 55 |
| 52 | Structural evidence for the facile chelate-ring opening reactions of novel platinum(ii)â€“pyridine carboxamide complexes. <i>Dalton Transactions RSC</i> , 2002, , 591. | 2.3 | 53 |
| 53 | Metal-involved theranostics: An emerging strategy for fighting Alzheimerâ€™s disease. <i>Coordination Chemistry Reviews</i> , 2018, 362, 72-84. | 9.5 | 53 |
| 54 | A ratiometric fluorescent probe for real-time monitoring of intracellular glutathione fluctuations in response to cisplatin. <i>Chemical Science</i> , 2020, 11, 8495-8501. | 3.7 | 51 |

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|----|---|-----|-----------|
| 55 | Novel Au(III) complexes of aminoquinoline derivatives: crystal structure, DNA binding and cytotoxicity against melanoma and lung tumour cells. Electronic supplementary information (ESI) available: UV spectra of 3, 3 + NaCl, and 1 + calf thymus DNA; fluorescence spectra of the CT-DNA-EB system with increasing amounts of 1 or 3. See http://www.rsc.org/suppdata/DT/B3/B305109A/ . Dalton Transactions, 2003, 3419. | 1.6 | 50 |
| 56 | Targeting Energy Metabolism by a Platinum(IV) Prodrug as an Alternative Pathway for Cancer Suppression. Inorganic Chemistry, 2019, 58, 6507-6516. | 1.9 | 47 |
| 57 | A charge transfer type pH responsive fluorescent probe and its intracellular application. New Journal of Chemistry, 2010, 34, 656. | 1.4 | 46 |
| 58 | Nanoscale monitoring of mitochondria and lysosome interactions for drug screening and discovery. Nano Research, 2019, 12, 1009-1015. | 5.8 | 45 |
| 59 | In vivo ratiometric Zn ²⁺ imaging in zebrafish larvae using a new visible light excitable fluorescent sensor. Chemical Communications, 2014, 50, 1253-1255. | 2.2 | 44 |
| 60 | A platinum anticancer theranostic agent with magnetic targeting potential derived from maghemite nanoparticles. Chemical Science, 2013, 4, 2605. | 3.7 | 43 |
| 61 | In vivo fluorescence imaging for Cu ²⁺ in live mice by a new NIR fluorescent sensor. Dyes and Pigments, 2016, 130, 116-121. | 2.0 | 43 |
| 62 | Synergetic effect between spin crossover and luminescence in the [Fe(bpp) ₂][BF ₄] ₂ (bpp = 1,2,4,5-tetraquinoline). Dalton Transactions, 2010, 39, 10462-10467. | 2.7 | 41 |
| 63 | A fluorometric/colorimetric dual-channel Hg ²⁺ sensor derived from a 4-amino-7-nitro-benzoxadiazole (ANBD) fluorophore. New Journal of Chemistry, 2011, 35, 607. | 1.4 | 40 |
| 64 | Sequence-specific detection of cytosine methylation in DNA via the FRET mechanism between upconversion nanoparticles and gold nanorods. Chemical Communications, 2016, 52, 8377-8380. | 2.2 | 40 |
| 65 | Towards rational design of RAD51-targeting prodrugs: platinum(IV) artesunate conjugates with enhanced cytotoxicity against BRCA-proficient ovarian and breast cancer cells. Chemical Communications, 2018, 54, 11717-11720. | 2.2 | 40 |
| 66 | A New Platinum Anticancer Drug Forms a Highly Stereoselective Adduct with Duplex DNA. Angewandte Chemie - International Edition, 1999, 38, 2060-2063. | 7.2 | 39 |
| 67 | Five Novel Coordination Polymers Based on a C-Centered Triangular Flexible Ligand. Crystal Growth and Design, 2012, 12, 1022-1031. | 1.4 | 38 |
| 68 | A dinuclear monofunctional platinum(II) complex with an aromatic linker shows low reactivity towards glutathione but high DNA binding ability and antitumor activity. Journal of Biological Inorganic Chemistry, 2007, 12, 655-665. | 1.1 | 37 |
| 69 | Rational construction of a reversible arylazo-based NIR probe for cycling hypoxia imaging in vivo. Nature Communications, 2021, 12, 2772. | 5.8 | 37 |
| 70 | Anticancer copper complex with nucleus, mitochondrion and cyclooxygenase-2 as multiple targets. Journal of Inorganic Biochemistry, 2019, 190, 38-44. | 1.5 | 36 |
| 71 | Metal Anticancer Complexes: Activity, Mechanism of Action, Future Perspectives. European Journal of Inorganic Chemistry, 2017, 2017, 1539-1540. | 1.0 | 34 |
| 72 | Novel Cytotoxic Copper(II) Complexes of 8-Aminoquinoline Derivatives: Crystal Structure and Different Reactivity towards Glutathione. European Journal of Inorganic Chemistry, 2004, 2004, 4028-4035. | 1.0 | 33 |

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|----|--|-----|-----------|
| 73 | 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. | 2.7 | 33 |
| 74 | Monofunctional Platinum(II) Anticancer Agents. <i>Pharmaceuticals</i> , 2021, 14, 133. | 1.7 | 33 |
| 75 | Modulating Conformation of A β -Peptide: An Effective Way to Prevent Protein-Misfolding Disease. <i>Inorganic Chemistry</i> , 2018, 57, 13533-13543. | 1.9 | 32 |
| 76 | Reversible FRET Fluorescent Probe for Ratiometric Tracking of Endogenous Fe ³⁺ in Ferroptosis. <i>Inorganic Chemistry</i> , 2020, 59, 10920-10927. | 1.9 | 32 |
| 77 | 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. | 4.2 | 32 |
| 78 | A New Approach to Sensitize Antitumor Monofunctional Platinum(II) Complexes via Short Time Photo-Irradiation. <i>Inorganic Chemistry</i> , 2017, 56, 3754-3762. | 1.9 | 31 |
| 79 | A FRET-based fluorescent Zn ²⁺ sensor: 3D ratiometric imaging, flow cytometric tracking and cisplatin-induced Zn ²⁺ fluctuation monitoring. <i>Chemical Science</i> , 2020, 11, 11037-11041. | 3.7 | 31 |
| 80 | Novel mitochondria-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. | 1.6 | 31 |
| 81 | In Vitro and in Vivo Fluorescent Imaging of a Monofunctional Chelated Platinum Complex Excitable Using Visible Light. <i>Inorganic Chemistry</i> , 2011, 50, 11847-11849. | 1.9 | 30 |
| 82 | Inhibiting A β toxicity in Alzheimer's disease by a pyridine amine derivative. <i>European Journal of Medicinal Chemistry</i> , 2019, 168, 330-339. | 2.6 | 30 |
| 83 | Alleviation of symptoms of Alzheimer's disease by diminishing A β neurotoxicity and neuroinflammation. <i>Chemical Science</i> , 2019, 10, 10149-10158. | 3.7 | 30 |
| 84 | Using bio-orthogonally catalyzed lethality strategy to generate mitochondria-targeting anti-tumor metalldrugs <i>in vitro</i> and <i>in vivo</i> . <i>National Science Review</i> , 2021, 8, nwaa286. | 4.6 | 30 |
| 85 | An ultrasensitive fluorescent nanosensor for trypsin based on upconversion nanoparticles. <i>Talanta</i> , 2017, 174, 797-802. | 2.9 | 29 |
| 86 | A ferroptosis-inducing iridium(III) complex. <i>Science China Chemistry</i> , 2020, 63, 65-72. | 4.2 | 29 |
| 87 | 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. | 2.9 | 28 |
| 88 | Ferroptosis Photoinduced by New Cyclometalated Iridium(III) Complexes and Its Synergism with Apoptosis in Tumor Cell Inhibition. <i>Angewandte Chemie</i> , 2021, 133, 8255-8262. | 1.6 | 28 |
| 89 | Small molecule-mediated co-assembly of amyloid- β oligomers reduces neurotoxicity through promoting non-fibrillar aggregation. <i>Chemical Science</i> , 2020, 11, 7158-7169. | 3.7 | 27 |
| 90 | DNA-Unresponsive Platinum(II) Complex Induces ERS-Mediated Mitophagy in Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 520-530. | 2.9 | 27 |

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|-----|---|-----|-----------|
| 91 | 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. | 1.4 | 26 |
| 92 | HMGB1 bound to cisplatinâ€“DNA adducts undergoes extensive acetylation and phosphorylation in vivo. <i>Chemical Science</i> , 2015, 6, 2074-2078. | 3.7 | 26 |
| 93 | 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. | 4.2 | 26 |
| 94 | Enhancing Cytotoxicity of a Monofunctional Platinum Complex via a Dual-DNA-Damage Approach. <i>Inorganic Chemistry</i> , 2019, 58, 13150-13160. | 1.9 | 26 |
| 95 | 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. | 1.6 | 24 |
| 96 | Synthesis and properties of five unexpected copper complexes with ring-cleavage of 3,6-di-2-pyridyl-1,2,4,5â€“tetrazine by one pot in situ hydrothermal reaction. <i>CrystEngComm</i> , 2012, 14, 2258. | 1.3 | 24 |
| 97 | FRET-based fluorescent ratiometric probes for the rapid detection of endogenous hydrogen sulphide in living cells. <i>Analyst, The</i> , 2020, 145, 4233-4238. | 1.7 | 24 |
| 98 | Structural Diversity and Properties of Six 2D or 3D Metalâ€“Organic Frameworks Based on Thiophene-Containing Ligand. <i>Crystal Growth and Design</i> , 2012, 12, 5783-5791. | 1.4 | 23 |
| 99 | Coumarin/BODIPY Hybridisation for Ratiometric Sensing of Intracellular Polarity Oscillation. <i>Chemistry - A European Journal</i> , 2018, 24, 7513-7524. | 1.7 | 23 |
| 100 | A Î²-sheet-targeted theranostic agent for diagnosing and preventing aggregation of pathogenic peptides in Alzheimerâ€™s disease. <i>Science China Chemistry</i> , 2020, 63, 73-82. | 4.2 | 23 |
| 101 | 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. | 1.7 | 23 |
| 102 | Immunogenicity and cytotoxicity of a platinum(<i>iv</i>) complex derived from capsaicin. <i>Dalton Transactions</i> , 2021, 50, 3516-3522. | 1.6 | 23 |
| 103 | DNA-binding property and antitumor activity of bismuth(iii) complex with 1,4,7,10-tetrakis(2-pyridylmethyl)-1,4,7,10-tetraazacyclododecane Electronic supplementary information (ESI) available: 1H-NMR, ES-MS and CD spectra. See http://www.rsc.org/suppdata/dt/b3/b305290g/ . <i>Dalton Transactions</i> , 2003, , 2379. | 1.6 | 22 |
| 104 | Selective sensing of dihydrogen phosphate anion by a fluorescent tetranuclear pentacoordinated zinc(ii) complex. <i>New Journal of Chemistry</i> , 2007, 31, 357. | 1.4 | 22 |
| 105 | Effect of adenine moiety on DNA binding property of copper(ii)â€“terpyridine complexes. <i>Dalton Transactions</i> , 2008, , 3054. | 1.6 | 22 |
| 106 | Restraining Cancer Cells by Dual Metabolic Inhibition with a Mitochondrionâ€“Targeted Platinum(II) Complex. <i>Angewandte Chemie</i> , 2019, 131, 4686-4691. | 1.6 | 22 |
| 107 | A platinum(<i>iv</i>) prodrug to defeat breast cancer through disrupting vasculature and inhibiting metastasis. <i>Dalton Transactions</i> , 2019, 48, 3571-3575. | 1.6 | 22 |
| 108 | Mechanistic insights into antitumor effects of new dinuclear cis PtII complexes containing aromatic linkers. <i>Biochemical Pharmacology</i> , 2010, 80, 344-351. | 2.0 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | A monofunctional trinuclear platinum complex with steric hindrance demonstrates strong cytotoxicity against tumor cells. <i>Journal of Inorganic Biochemistry</i> , 2014, 139, 77-84. | 1.5 | 20 |
| 110 | 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. | 2.2 | 20 |
| 111 | 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, 32-38. | 1.1 | 19 |
| 112 | ESMS and NMR investigations on the interaction of the anticancer drug cisplatin and chemopreventive agent selenomethionine. <i>Dalton Transactions RSC</i> , 2001, , 911-916. | 2.3 | 19 |
| 113 | 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. | 1.0 | 19 |
| 114 | Organic-inorganic hybrid coordination polymers based on the 5-oxyacetate isophthalic acid (H ₃ OABDC) ligand: syntheses, structures, magnetic and luminescent properties. <i>CrystEngComm</i> , 2010, 12, 4424. | 1.3 | 19 |
| 115 | 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. | 2.0 | 19 |
| 116 | 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. | 4.6 | 19 |
| 117 | Platinum(IV) complexes as inhibitors of CD47-SIRPα axis for chemoimmunotherapy of cancer. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114047. | 2.6 | 19 |
| 118 | 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. | 2.7 | 18 |
| 119 | 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. | 1.6 | 18 |
| 120 | BODIPY-based monofunctional Pt (II) complexes for specific photocytotoxicity against cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021, 218, 111394. | 1.5 | 18 |
| 121 | Compositions and conformations of several transition metal complexes with a nonapeptide hormone oxytocin. <i>Dalton Transactions RSC</i> , 2000, , 4196-4200. | 2.3 | 17 |
| 122 | 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. | 1.6 | 17 |
| 123 | Activation of carboplatin and nedaplatin by the N-terminus of human copper transporter 1 (hCTR1). <i>Chemical Science</i> , 2012, 3, 3206. | 3.7 | 17 |
| 124 | A ratiometric fluorescent sensor for tracking Cu(I) fluctuation in endoplasmic reticulum. <i>Science China Chemistry</i> , 2019, 62, 465-474. | 4.2 | 17 |
| 125 | Immobilisierung von platinieren und iodierten DNA-Oligomeren an Kohlenstoff-Nanoröhren. <i>Angewandte Chemie</i> , 1997, 109, 2291-2294. | 1.6 | 16 |
| 126 | A Potential Bone-Targeting Hypotoxic Platinum(II) Complex with an Unusual Cytostatic Mechanism toward Osteosarcoma Cells. <i>Inorganic Chemistry</i> , 2018, 57, 3315-3322. | 1.9 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Rational design of anticancer platinum(IV) prodrugs. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 149-182. | 0.4 | 16 |
| 128 | Tuning lipophilicity for optimizing the H ₂ S sensing performance of coumarin-merocyanine derivatives. <i>New Journal of Chemistry</i> , 2019, 43, 14800-14805. | 1.4 | 15 |
| 129 | Proteomic analysis of cisplatin- and oxaliplatin-induced phosphorylation in proteins bound to Pt-DNA adducts. <i>Metalomics</i> , 2020, 12, 1834-1840. | 1.0 | 15 |
| 130 | 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. | 2.9 | 15 |
| 131 | Optical properties of natural small molecules and their applications in imaging and nanomedicine. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 113917. | 6.6 | 15 |
| 132 | Anion-selectivity of cationic cluster-organic nanospheres based on a nest-shaped [MS ₄ Cu ₃ X ₃] cluster monomer with a ditopic ligand. <i>CrystEngComm</i> , 2013, 15, 5016. | 1.3 | 14 |
| 133 | Dinuclear Platinum(II) Complexes with Bone-Targeting Groups as Potential Anti-Osteosarcoma Agents. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1659-1667. | 1.7 | 14 |
| 134 | Platinum-Based Two-Photon Photosensitizer Responsive to NIR Light in Tumor Hypoxia Microenvironment. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7786-7798. | 2.9 | 14 |
| 135 | ¹⁹⁵ Pt- and ¹⁵ N-NMR Spectroscopic Studies of Cisplatin Reactions with Biomolecules. , 2006, , 293-318. | | 13 |
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