

Gilles Gasser

List of Publications by Year in descending order

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Version: 2024-02-01

219
papers

13,409
citations

25034

57
h-index

27406

106
g-index

259
all docs

259
docs citations

259
times ranked

11515
citing authors

#	ARTICLE	IF	CITATIONS
1	Organometallic Anticancer Compounds. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3-25.	6.4	1,408
2	Combination of Ru(II) complexes and light: new frontiers in cancer therapy. <i>Chemical Science</i> , 2015, 6, 2660-2686.	7.4	487
3	Critical Overview of the Use of Ru(II) Polypyridyl Complexes as Photosensitizers in One-Photon and Two-Photon Photodynamic Therapy. <i>Accounts of Chemical Research</i> , 2017, 50, 2727-2736.	15.6	454
4	The potential of organometallic complexes in medicinal chemistry. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 84-91.	6.1	415
5	The medicinal chemistry of ferrocene and its derivatives. <i>Nature Reviews Chemistry</i> , 2017, 1, .	30.2	372
6	Highly Charged Ruthenium(II) Polypyridyl Complexes as Lysosome-Localized Photosensitizers for Two-Photon Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14049-14052.	13.8	368
7	Targeted photoredox catalysis in cancer cells. <i>Nature Chemistry</i> , 2019, 11, 1041-1048.	13.6	293
8	Molecular and Cellular Characterization of the Biological Effects of Ruthenium(II) Complexes Incorporating 2-Pyridyl-2-pyrimidine-4-carboxylic Acid. <i>Journal of the American Chemical Society</i> , 2012, 134, 20376-20387.	13.7	279
9	Underestimated Potential of Organometallic Rhenium Complexes as Anticancer Agents. <i>ACS Chemical Biology</i> , 2014, 9, 2180-2193.	3.4	236
10	Classification of Metal-Based Drugs according to Their Mechanisms of Action. <i>CheM</i> , 2020, 6, 41-60.	11.7	231
11	Small organometallic compounds as antibacterial agents. <i>Dalton Transactions</i> , 2012, 41, 6350.	3.3	226
12	Metal-based photosensitizers for photodynamic therapy: the future of multimodal oncology?. <i>Current Opinion in Chemical Biology</i> , 2020, 56, 23-27.	6.1	224
13	Visible-Light-Induced Annihilation of Tumor Cells with Platinum-Porphyrin Conjugates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6938-6941.	13.8	192
14	Organometallic Compounds: An Opportunity for Chemical Biology?. <i>ChemBioChem</i> , 2012, 13, 1232-1252.	2.6	185
15	Monomeric and dimeric coordinatively saturated and substitutionally inert Ru(II) polypyridyl complexes as anticancer drug candidates. <i>Chemical Society Reviews</i> , 2017, 46, 7317-7337.	38.1	174
16	Rationally designed ruthenium complexes for 1- and 2-photon photodynamic therapy. <i>Nature Communications</i> , 2020, 11, 3262.	12.8	173
17	A Multi-action and Multi-target Ru ^{II} -Pt ^{IV} Conjugate Combining Cancer-Activated Chemotherapy and Photodynamic Therapy to Overcome Drug Resistant Cancers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7069-7075.	13.8	172
18	DNA Intercalating Ru(II) Polypyridyl Complexes as Effective Photosensitizers in Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2014, 20, 14421-14436.	3.3	169

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19	Synthesis, Characterization, and Biological Evaluation of New Ru(II) Polypyridyl Photosensitizers for Photodynamic Therapy. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7280-7292.	6.4	149
20	Towards cancer cell-specific phototoxic organometallic rhenium($\text{Re}(\text{I})$) complexes. <i>Dalton Transactions</i> , 2014, 43, 4287-4294.	3.3	147
21	DMSO-Mediated Ligand Dissociation: Renaissance for Biological Activity of $\text{Ru}(\text{I})$ -Heterocyclic $\text{Ru}(\text{I})$ -arene Cl_2 Drug Candidates. <i>Chemistry - A European Journal</i> , 2013, 19, 14768-14772.	3.3	146
22	Rationally Designed Long-Wavelength Absorbing Ru(II) Polypyridyl Complexes as Photosensitizers for Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 6578-6587.	13.7	144
23	Metal Compounds against Neglected Tropical Diseases. <i>Chemical Reviews</i> , 2019, 119, 730-796.	47.7	122
24	An octadentate bifunctional chelating agent for the development of stable zirconium-89 based molecular imaging probes. <i>Chemical Communications</i> , 2014, 50, 11523-11525.	4.1	120
25	Polymer encapsulation of ruthenium complexes for biological and medicinal applications. <i>Nature Reviews Chemistry</i> , 2019, 3, 261-282.	30.2	119
26	Comparison of the octadentate bifunctional chelator DFO*-pPhe-NCS and the clinically used hexadentate bifunctional chelator DFO-pPhe-NCS for ^{89}Zr -immuno-PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 286-295.	6.4	111
27	Photo-induced uncaging of a specific $\text{Re}(\text{I})$ organometallic complex in living cells. <i>Chemical Science</i> , 2014, 5, 4044.	7.4	104
28	A Bis(dipyridophenazine)(2-(2-pyridyl)pyrimidine-4-carboxylic acid)ruthenium(II) Complex with Anticancer Action upon Photodeprotection. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2960-2963.	13.8	103
29	ATR-Mediated Global Fork Slowing and Reversal Assist Fork Traverse and Prevent Chromosomal Breakage at DNA Interstrand Cross-Links. <i>Cell Reports</i> , 2018, 24, 2629-2642.e5.	6.4	100
30	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitizers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14334-14340.	13.8	100
31	New insights into the pretargeting approach to image and treat tumours. <i>Chemical Society Reviews</i> , 2016, 45, 6415-6431.	38.1	99
32	Organometallic Rhenium Complexes Divert Doxorubicin to the Mitochondria. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2792-2795.	13.8	98
33	Phototherapeutic anticancer strategies with first-row transition metal complexes: a critical review. <i>Chemical Society Reviews</i> , 2022, 51, 1167-1195.	38.1	96
34	Evaluation of the Medicinal Potential of Two Ruthenium(II) Polypyridine Complexes as One- and Two-Photon Photodynamic Therapy Photosensitizers. <i>Chemistry - A European Journal</i> , 2017, 23, 9888-9896.	3.3	93
35	Photodecaging of a Mitochondria-Localized Iridium(III) Endoperoxide Complex for Two-Photon Photoactivated Therapy under Hypoxia. <i>Journal of the American Chemical Society</i> , 2022, 144, 4091-4101.	13.7	93
36	An Overview of PET Radiochemistry, Part 2: Radiometals. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1500-1506.	5.0	92

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37	Field and laboratory studies of the fate and enantiomeric enrichment of venlafaxine and O-desmethylvenlafaxine under aerobic and anaerobic conditions. <i>Chemosphere</i> , 2012, 88, 98-105.	8.2	90
38	A potent, selective, and orally bioavailable inhibitor of the protein-tyrosine phosphatase PTP1B improves insulin and leptin signaling in animal models. <i>Journal of Biological Chemistry</i> , 2018, 293, 1517-1525.	3.4	90
39	Activity of Praziquantel Enantiomers and Main Metabolites against <i>Schistosoma mansoni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 5466-5472.	3.2	85
40	Dual mode of cell death upon the photo-irradiation of a Ru ^{II} polypyridyl complex in interphase or mitosis. <i>Chemical Science</i> , 2016, 7, 6115-6124.	7.4	84
41	Synthesis, characterisation and bioimaging of a fluorescent rhenium-containing PNA bioconjugate. <i>Dalton Transactions</i> , 2012, 41, 2304-2313.	3.3	83
42	Mechanisms of action of Ru(^{II}) polypyridyl complexes in living cells upon light irradiation. <i>Chemical Communications</i> , 2018, 54, 13040-13059.	4.1	80
43	Synthesis and Biological Evaluation of Ferrocene-Containing Bioorganometallics Inspired by the Antibiotic Platensimycin Lead Structure. <i>Organometallics</i> , 2010, 29, 4312-4319.	2.3	78
44	Cellular delivery and photochemical release of a caged inositol-pyrophosphate induces PH-domain translocation in cellulose. <i>Nature Communications</i> , 2016, 7, 10622.	12.8	77
45	Binding and Electrochemical Recognition of Barbiturate and Urea Derivatives by a Regioisomeric Series of Hydrogen-Bonding Ferrocene Receptors. <i>Organometallics</i> , 2004, 23, 946-951.	2.3	76
46	Four-Potential Ferrocene Labeling of PNA Oligomers via Click Chemistry. <i>Bioconjugate Chemistry</i> , 2009, 20, 1578-1586.	3.6	75
47	A Deadly Organometallic Luminescent Probe: Anticancer Activity of a Re ^I Bisquinoline Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 2496-2507.	3.3	74
48	Synthesis of organometallic PNA oligomers by click chemistry. <i>Chemical Communications</i> , 2008, , 3675.	4.1	72
49	(Metallo)porphyrins as Potent Phototoxic Anti-Cancer Agents after Irradiation with Red Light. <i>Chemistry - A European Journal</i> , 2015, 21, 1179-1183.	3.3	66
50	Mesoporous silica nanoparticles functionalised with a photoactive ruthenium(^{II}) complex: exploring the formulation of a metal-based photodynamic therapy photosensitiser. <i>Dalton Transactions</i> , 2019, 48, 5940-5951.	3.3	65
51	Synthesis, Copper(II) Complexation, ⁶⁴ Cu-Labeling, and Bioconjugation of a New Bis(2-pyridylmethyl) Derivative of 1,4,7-Triazacyclononane. <i>Bioconjugate Chemistry</i> , 2008, 19, 719-730.	3.6	64
52	Ferrocenyl Derivatives of the Anthelmintic Praziquantel: Design, Synthesis, and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8790-8798.	6.4	64
53	Enhanced Cytotoxicity through Conjugation of a Clickable Luminescent Re(I) Complex to a Cell-Penetrating Lipopeptide. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 809-814.	2.8	64
54	An organometallic structure-activity relationship study reveals the essential role of a Re(CO) ₃ moiety in the activity against gram-positive pathogens including MRSA. <i>Chemical Science</i> , 2015, 6, 214-224.	7.4	63

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55	Metal-containing peptide nucleic acid conjugates. Dalton Transactions, 2011, 40, 7061.	3.3	62
56	Direct imaging of biological sulfur dioxide derivatives in vivo using a two-photon phosphorescent probe. Biomaterials, 2015, 63, 128-136.	11.4	58
57	Synthesis and Biological Evaluation of Chromium Bioorganometallics Based on the Antibiotic Platensimycin Lead Structure. ChemMedChem, 2009, 4, 1930-1938.	3.2	57
58	Unexpected high photothermal conversion efficiency of gold nanospheres upon grafting with two-photon luminescent ruthenium(II) complexes: A way towards cancer therapy?. Biomaterials, 2015, 63, 102-114.	11.4	56
59	Spectroscopic and Electrochemical Studies of Ferrocenyl Triazole Amino Acid and Peptide Bioconjugates Synthesized by Click Chemistry. Organometallics, 2008, 27, 6326-6332.	2.3	55
60	Recent developments of metal-based compounds against fungal pathogens. Chemical Society Reviews, 2021, 50, 10346-10402.	38.1	54
61	Towards Selective Light-Activated Ru ^{II} -Based Prodrug Candidates. European Journal of Inorganic Chemistry, 2015, 2015, 3879-3891.	2.0	52
62	Evaluation of Perylene Bisimide-Based Ru ^{II} and Ir ^{III} Complexes as Photosensitizers for Photodynamic Therapy. European Journal of Inorganic Chemistry, 2017, 2017, 1745-1752.	2.0	49
63	Systematic investigation of the antiproliferative activity of a series of ruthenium terpyridine complexes. Journal of Inorganic Biochemistry, 2019, 198, 110752.	3.5	47
64	Nuclear Targeting with an Auger Electron Emitter Potentiates the Action of a Widely Used Antineoplastic Drug. Bioconjugate Chemistry, 2015, 26, 2397-2407.	3.6	46
65	Incorporation of Ru(II) Polypyridyl Complexes into Nanomaterials for Cancer Therapy and Diagnosis. Advanced Materials, 2020, 32, e2003294.	21.0	45
66	Increasing the Cytotoxicity of Ru(II) Polypyridyl Complexes by Tuning the Electronic Structure of Dioxo Ligands. Journal of the American Chemical Society, 2020, 142, 6066-6084.	13.7	44
67	Thermal melting studies of alkyne- and ferrocene-containing PNA bioconjugates. Organic and Biomolecular Chemistry, 2009, 7, 4992.	2.8	43
68	Preparation, ^{99m} Tc-labeling and biodistribution studies of a PNA oligomer containing a new ligand derivative of 2,2'-dipicolylamine. Journal of Inorganic Biochemistry, 2010, 104, 1133-1140.	3.5	43
69	Sandwich and Half-Sandwich Derivatives of Platensimycin: Synthesis and Biological Evaluation. Organometallics, 2012, 31, 5760-5771.	2.3	43
70	Metal Complexes and Medicine: A Successful Combination. Chimia, 2015, 69, 442.	0.6	43
71	Multi-stimuli responsive block copolymers as a smart release platform for a polypyridyl ruthenium complex. Polymer Chemistry, 2017, 8, 890-900.	3.9	43
72	Head-to-head comparison of DFO* and DFO chelators: selection of the best candidate for clinical ⁸⁹ Zr-immuno-PET. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 694-707.	6.4	43

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73	Polymeric Encapsulation of a Ruthenium Polypyridine Complex for Tumor Targeted One- and Two-Photon Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54433-54444.	8.0	42
74	Metallodrug Profiling against SARS-CoV-2 Target Proteins Identifies Highly Potent Inhibitors of the S/Ace2 interaction and the Papain-like Protease PL _{pro} . <i>Chemistry - A European Journal</i> , 2021, 27, 17928-17940.	3.3	41
75	Preparation and Biological Evaluation of Hetero-Organometallic-Containing PNA Bioconjugates. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5471-5478.	2.0	40
76	Lightening up Ruthenium Complexes to Fight Cancer?. <i>Chimia</i> , 2015, 69, 176.	0.6	40
77	In Vitro Metabolic Profile and in Vivo Antischistosomal Activity Studies of (1 ⁺ -Praziquantel)Cr(CO) ₃ Derivatives. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9192-9198.	6.4	39
78	Synthesis, characterization and biological evaluation of novel Ru(II)-arene complexes containing intercalating ligands. <i>Journal of Inorganic Biochemistry</i> , 2016, 160, 156-165.	3.5	39
79	A Ru(II) polypyridyl complex bearing aldehyde functions as a versatile synthetic precursor for long-wavelength absorbing photodynamic therapy photosensitizers. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2666-2675.	3.0	38
80	Ruthenium polypyridyl complex-containing bioconjugates. <i>Coordination Chemistry Reviews</i> , 2021, 434, 213736.	18.8	38
81	Electrochemiluminescent Monomers for Solid Support Syntheses of Ru(II)-PNA Bioconjugates: Multimodal Biosensing Tools with Enhanced Duplex Stability. <i>Inorganic Chemistry</i> , 2012, 51, 3302-3315.	4.0	37
82	Synthesis, Characterization, Cytotoxic Activity, and Metabolic Studies of Ruthenium(II) Polypyridyl Complexes Containing Flavonoid Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 4424-4434.	4.0	37
83	One- and Two-Photon Phototherapeutic Effects of Ru ^{II} Polypyridine Complexes in the Hypoxic Centre of Large Multicellular Tumor Spheroids and Tumor-bearing Mice**. <i>Chemistry - A European Journal</i> , 2021, 27, 362-370.	3.3	37
84	Ruthenium-initiated polymerization of lactide: a route to remarkable cellular uptake for photodynamic therapy of cancer. <i>Chemical Science</i> , 2020, 11, 2657-2663.	7.4	37
85	Synthesis, Structure, Spectroscopic Properties, and Electrochemical Oxidation of Ruthenium(II) Complexes Incorporating Monocarboxylate Bipyridine Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 8638-8651.	4.0	36
86	<i>in vivo</i> demonstration of an active tumor pretargeting approach with peptide nucleic acid bioconjugates as complementary system. <i>Chemical Science</i> , 2015, 6, 5601-5616.	7.4	36
87	Toward organometallic antischistosomal drug candidates. <i>Future Medicinal Chemistry</i> , 2015, 7, 821-830.	2.3	36
88	Characterization of the Activities of Dinuclear Thiolato-Bridged Arene Ruthenium Complexes against <i>Toxoplasma gondii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	35
89	Synthesis and Characterization of an Epidermal Growth Factor Receptor-selective Ru ^{II} Polypyridyl-Nanobody Conjugate as a Photosensitizer for Photodynamic Therapy. <i>ChemBioChem</i> , 2020, 21, 531-542.	2.6	35
90	Recognition of Thymine and Related Nucleosides by a ZnII-Cyclen Complex Bearing a Ferrocenyl Pendant. <i>Inorganic Chemistry</i> , 2007, 46, 1665-1674.	4.0	34

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91	Sequential insertion of three different organometallics into a versatile building block containing a PNA backbone. Dalton Transactions, 2010, 39, 5617.	3.3	34
92	Novel water-soluble ^{99m} Tc(I)/Re(I)-porphyrin conjugates as potential multimodal agents for molecular imaging. Journal of Inorganic Biochemistry, 2013, 122, 57-65.	3.5	34
93	N-Heterocyclic Carbene-Polyethylenimine Platinum Complexes with Potent in Vitro and in Vivo Antitumor Efficacy. Bioconjugate Chemistry, 2016, 27, 1942-1948.	3.6	34
94	Facile Synthesis and Detailed Characterization of a New Ferrocenyl Uracil Peptide Nucleic Acid Monomer. Journal of Organic Chemistry, 2006, 71, 7565-7573.	3.2	33
95	Ruthenium(II) Complexes Incorporating 2-(2-Pyridyl)pyrimidine-4-carboxylic Acid. Inorganic Chemistry, 2009, 48, 68-81.	4.0	33
96	[Ir ⁶⁺ -Praziquantel]Cr(CO) ₃ Derivatives with Remarkable In Vitro Anti-schistosomal Activity. Chemistry - A European Journal, 2013, 19, 2232-2235.	3.3	33
97	Induction of Cytotoxicity through Photorelease of Aminoferrocene. Inorganic Chemistry, 2015, 54, 9740-9748.	4.0	33
98	Selective electrochemical sensing of acidic organic molecules via a novel guest-to-host proton transfer reaction. Chemical Communications, 2005, , 5355.	4.1	32
99	Organometallic compounds in drug discovery: Past, present and future. Drug Discovery Today: Technologies, 2020, 37, 117-124.	4.0	32
100	Critical discussion of the applications of metal complexes for 2-photon photodynamic therapy. Journal of Biological Inorganic Chemistry, 2020, 25, 1035-1050.	2.6	32
101	Towards Long Wavelength Absorbing Photodynamic Therapy Photosensitizers via the Extension of a [Ru(bipy) ₃] ²⁺ Core. European Journal of Inorganic Chemistry, 2019, 2019, 3704-3712.	2.0	31
102	Polymeric Bis(dipyrinato) Zinc(II) Nanoparticles as Selective Imaging Probes for Lysosomes of Cancer Cells. Inorganic Chemistry, 2019, 58, 12422-12432.	4.0	31
103	Biological Evaluation of the NIR-Emissive Ruby Analogue [Cr(ddpd) ₂][BF ₄] ₃ as a Photodynamic Therapy Photosensitizer. European Journal of Inorganic Chemistry, 2019, 2019, 37-41.	2.0	31
104	Towards Matched Pairs of Porphyrin-Re ^I / ^{99m} Tc ^I Conjugates that Combine Photodynamic Activity with Fluorescence and Radio Imaging. ChemMedChem, 2014, 9, 1231-1237.	3.2	30
105	Phototoxic Activity and DNA Interactions of Water-Soluble Porphyrins and Their Rhenium(I) Conjugates. ChemMedChem, 2015, 10, 1901-1914.	3.2	30
106	Towards Light-Activated Ruthenium-Arene (RAPTA-type) Prodrug Candidates. ChemBioChem, 2019, 20, 2876-2882.	2.6	30
107	Combining imaging and anticancer properties with new heterobimetallic Pt(II)/M(I) (M = Re, ^{99m} Tc) complexes. Dalton Transactions, 2017, 46, 14523-14536.	3.3	29
108	A solid phase-assisted approach for the facile synthesis of a highly water-soluble zirconium-89 chelator for radiopharmaceutical development. Dalton Transactions, 2017, 46, 16387-16389.	3.3	29

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109	Ferrocenyl, Ruthenocenyl, and Benzyl Oxamniquine Derivatives with Cross-Species Activity against <i>Schistosoma mansoni</i> and <i>Schistosoma haematobium</i> . ACS Infectious Diseases, 2017, 3, 645-652.	3.8	29
110	Synthesis, Characterization, and Biological Evaluation of Red-Absorbing Fe(II) Polypyridine Complexes. Inorganics, 2019, 7, 4.	2.7	29
111	Selective Photorelease of an Organometallic-Containing Enzyme Inhibitor. Organometallics, 2016, 35, 851-854.	2.3	28
112	Efficient Amino-Sulfhydryl Stapling on Peptides and Proteins Using Bifunctional NHS-Activated Acrylamides. Angewandte Chemie - International Edition, 2021, 60, 10850-10857.	13.8	28
113	Bis(dipyridophenazine)(2-pyridyl)pyrimidine-carboxylic acid)ruthenium(II) Hexafluorophosphate: A Lesson in Stubbornness. ChemMedChem, 2014, 9, 1419-1427.	3.2	27
114	Anticancer Profile of a Series of Gold(III) (2-phenyl)pyridine Complexes. ChemMedChem, 2014, 9, 2781-2790.	3.2	27
115	Sedaxicenes: potential new antifungal ferrocene-based agents?. Dalton Transactions, 2016, 45, 6619-6626.	3.3	27
116	Highly cytotoxic copper(II) terpyridine complexes as anticancer drug candidates. Inorganica Chimica Acta, 2021, 516, 120137.	2.4	27
117	Luminescent Alkyne-Bearing Terbium(III) Complexes and Their Application to Bioorthogonal Protein Labeling. Inorganic Chemistry, 2016, 55, 1674-1682.	4.0	26
118	Polymeric Encapsulation of a Ru(II)-Based Photosensitizer for Folate-Targeted Photodynamic Therapy of Drug Resistant Cancers. Journal of Medicinal Chemistry, 2021, 64, 4612-4622.	6.4	26
119	Ru(II) Polypyridine Complex-Functionalized Mesoporous Silica Nanoparticles as Photosensitizers for Cancer Targeted Photodynamic Therapy. ACS Applied Bio Materials, 2021, 4, 4394-4405.	4.6	26
120	Synthesis and Characterization of Dicobalthexacarbonyl-Alkyne Derivatives of Amino Acids, Peptides, and Peptide Nucleic Acid (PNA) Monomers. Inorganic Chemistry, 2009, 48, 3157-3166.	4.0	25
121	Targeting of the mitochondrion by dinuclear thiolato-bridged arene ruthenium complexes in cancer cells and in the apicomplexan parasite <i>Neospora caninum</i> . Metallomics, 2019, 11, 462-474.	2.4	25
122	A Maltol-Containing Ruthenium Polypyridyl Complex as a Potential Anticancer Agent. Chemistry - A European Journal, 2020, 26, 4997-5009.	3.3	25
123	A Multi-action and Multi-target Ru ^{II} -Pt ^{IV} Conjugate Combining Cancer-Activated Chemotherapy and Photodynamic Therapy to Overcome Drug Resistant Cancers. Angewandte Chemie, 2020, 132, 7135-7141.	2.0	25
124	Synthesis of Optically Active Ferrocene-Containing Platensimycin Derivatives with a C6-C7 Substitution Pattern. European Journal of Inorganic Chemistry, 2011, 2011, 3295-3302.	2.0	24
125	In vitro and in vivo antischistosomal activity of ferroquine derivatives. Parasites and Vectors, 2014, 7, 424.	2.5	24
126	Organometallic Rhenium Complexes Divert Doxorubicin to the Mitochondria. Angewandte Chemie, 2016, 128, 2842-2845.	2.0	24

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127	Polymetallic Complexes for Applications as Photosensitisers in Anticancer Photodynamic Therapy. <i>Advanced Therapeutics</i> , 2020, 3, 1900139.	3.2	24
128	Ruthenium(II) Complex Containing a Redox-Active Semiquinonate Ligand as a Potential Chemotherapeutic Agent: From Synthesis to <i>In Vivo</i> Studies. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5568-5584.	6.4	24
129	Synthesis of Stable Peptide Nucleic Acid-Modified Gold Nanoparticles and their Assembly onto Gold Surfaces. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4217-4220.	13.8	23
130	An Environmentally Benign and Cost-Effective Synthesis of Aminoferrocene and Aminoruthenocene. <i>Organometallics</i> , 2013, 32, 2037-2040.	2.3	23
131	Extending the Excitation Wavelength of Potential Photosensitizers via Appendage of a Kinetically Stable Terbium(III) Macrocyclic Complex for Applications in Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2017, 56, 7960-7974.	4.0	23
132	Harnessing the Coordination Chemistry of 1,4,7-triazacyclononane for Biomimicry and Radiopharmaceutical Applications. <i>ChemPlusChem</i> , 2018, 83, 554-564.	2.8	23
133	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitisers. <i>Angewandte Chemie</i> , 2019, 131, 14472-14478.	2.0	23
134	A tutorial for the assessment of the stability of organometallic complexes in biological media. <i>Journal of Organometallic Chemistry</i> , 2020, 906, 121059.	1.8	23
135	Unveiling the Potential of Transition Metal Complexes for Medicine: Translational <i>In Situ</i> Activation of Metal-Based Drugs from Bench to <i>In Vivo</i> Applications. <i>ChemBioChem</i> , 2021, 22, 1740-1742.	2.6	23
136	The Race for Hydroxamate-Based Zirconium-89 Chelators. <i>Cancers</i> , 2021, 13, 4466.	3.7	23
137	Products of hydrolysis of (ferrocenylmethyl)trimethylammonium iodide: Synthesis of hydroxymethylferrocene and bis(ferrocenylmethyl) ether. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3835-3840.	1.8	22
138	Towards the Preparation of Novel Re/ ^{99m} Tc Tricarbonyl-Containing Peptide Nucleic Acid Bioconjugates. <i>Australian Journal of Chemistry</i> , 2011, 64, 265.	0.9	22
139	Synthesis, Characterization, and Biological Activity of Ferrocenyl Analogues of the Anthelmintic Drug Monepantel. <i>Organometallics</i> , 2016, 35, 3369-3377.	2.3	21
140	Evaluation of the Potential of Cobalamin Derivatives Bearing Ru(II) Polypyridyl Complexes as Photosensitizers for Photodynamic Therapy. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900104.	1.6	21
141	Enzymatic Formation of an Artificial Base Pair Using a Modified Purine Nucleoside Triphosphate. <i>ACS Chemical Biology</i> , 2020, 15, 2872-2884.	3.4	21
142	Metal Compounds as Enzyme Inhibitors. , 2011, , 351-382.		20
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