Gilles Gasser

List of Publications by Year
in descending order

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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	A ruthenium–oligonucleotide bioconjugated photosensitizing aptamer for cancer cell specific photodynamic therapy. RSC Chemical Biology, 2022, 3, 85-95.	4.1	14
2	Phototherapeutic anticancer strategies with first-row transition metal complexes: a critical review. Chemical Society Reviews, 2022, 51, 1167-1195.	38.1	96
3	Bifunctional chelators for radiorhenium: past, present and future outlook. RSC Medicinal Chemistry, 2022, 13, 217-245.	3.9	9
4	Crystal structure of tris(4,7-diphenyl-1,10-phenanthroline-κ² N,N′)cobalt(III) tris(hexafluorophosphate) monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 313-316.	0.5	0
5	Photodecaging of a Mitochondria-Localized Iridium(III) Endoperoxide Complex for Two-Photon Photoactivated Therapy under Hypoxia. Journal of the American Chemical Society, 2022, 144, 4091-4101.	13.7	93
6	Tethering Carbohydrates to the Vinyliminium Ligand of Antiproliferative Organometallic Diiron Complexes. Organometallics, 2022, 41, 514-526.	2.3	6
7	Is antitumor Pt(IV) complex containing two axial lonidamine ligands a true dual- or multi-action prodrug?. Metallomics, 2022, 14, .	2.4	6
8	One‐ and Two‐Photon Phototherapeutic Effects of Ru^{II} Polypyridine Complexes in the Hypoxic Centre of Large Multicellular Tumor Spheroids and Tumor‐Bearing Mice**. Chemistry - A European Journal, 2021, 27, 362-370.	3.3	37
9	Highly cytotoxic copper(II) terpyridine complexes as anticancer drug candidates. Inorganica Chimica Acta, 2021, 516, 120137.	2.4	27
10	Head-to-head comparison of DFO* and DFO chelators: selection of the best candidate for clinical 89Zr-immuno-PET. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 694-707.	6.4	43
11	Physical, spectroscopic, and biological properties of ruthenium and osmium photosensitizers bearing diversely substituted 4,4′-di(styryl)-2,2′-bipyridine ligands. Dalton Transactions, 2021, 50, 14629-14639.	3.3	12
12	Probing BRD Inhibition Substituent Effects in Bulky Analogues of (+)‐JQ1. Helvetica Chimica Acta, 2021, 104, e2000214.	1.6	1
13	Unveiling the Potential of Transition Metal Complexes for Medicine: Translational in Situ Activation of Metal‐Based Drugs from Bench to in Vivo Applications. ChemBioChem, 2021, 22, 1740-1742.	2.6	23
14	Enzymatic construction of metal-mediated nucleic acid base pairs. Metallomics, 2021, 13, .	2.4	12
15	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
16	Efficient Amino‐Sulfhydryl Stapling on Peptides and Proteins Using Bifunctional NHS‐Activated Acrylamides. Angewandte Chemie, 2021, 133, 10945-10952.	2.0	3
17	Efficient Amino‐Sulfhydryl Stapling on Peptides and Proteins Using Bifunctional NHS‐Activated Acrylamides. Angewandte Chemie - International Edition, 2021, 60, 10850-10857.	13.8	28
18	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

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19	cis-Locked Ru(II)-DMSO Precursors for the Microwave-Assisted Synthesis of Bis-Heteroleptic Polypyridyl Compounds. Inorganic Chemistry, 2021, 60, 7180-7195.	4.0	3
20	Ruthenium polypyridyl complex-containing bioconjugates. Coordination Chemistry Reviews, 2021, 434, 213736.	18.8	38
21	Synthesis and Biological Evaluation of Metallocene-Tethered Peptidyl Inhibitors of CDC25. Organometallics, 2021, 40, 2716-2723.	2.3	1
22	The Race for Hydroxamate-Based Zirconium-89 Chelators. Cancers, 2021, 13, 4466.	3.7	23
23	Development and in vitro evaluation of new bifunctional 89Zr-chelators based on the 6-amino-1,4-diazepane scaffold for immuno-PET applications. Nuclear Medicine and Biology, 2021, 102-103, 12-23.	0.6	6
24	In vivo active organometallic-containing antimycotic agents. RSC Chemical Biology, 2021, 2, 1263-1273.	4.1	10
25	Recent developments of metal-based compounds against fungal pathogens. Chemical Society Reviews, 2021, 50, 10346-10402.	38.1	54
26	Metallodrug Profiling against SARSâ€CoVâ€2 Target Proteins Identifies Highly Potent Inhibitors of the S/ACE2 interaction and the Papainâ€like Protease PL^{pro}. Chemistry - A European Journal, 2021, 27, 17928-17940.	3.3	41
27	Antitumor Immune Response Triggered by Metal-Based Photosensitizers for Photodynamic Therapy: Where Are We?. Pharmaceutics, 2021, 13, 1788.	4.5	11
28	Recent Approaches towards the Development of Ru(II) Polypyridyl Complexes for Anticancer Photodynamic Therapy. Chimia, 2021, 75, 845.	0.6	19
29	Organometallic small molecule kinase inhibitors â€“ direct incorporation of Re and 99mTc into OpaganibÂ®. Chemical Communications, 2021, 57, 13349-13352.	4.1	4
30	Organometallic compounds in drug discovery: Past, present and future. Drug Discovery Today: Technologies, 2020, 37, 117-124.	4.0	32
31	Synthesis, Characterisation and Biological Evaluation of Ï€-Extended Fe(II) Bipyridine Complexes as Potential Photosensitizers for Photodynamic Therapy. Inorganica Chimica Acta, 2020, 499, 119196.	2.4	10
32	Synthesis and Characterization of an Epidermal Growth Factor Receptorâ€Selective Ru^{II} Polypyridylâ€“Nanobody Conjugate as a Photosensitizer for Photodynamic Therapy. ChemBioChem, 2020, 21, 531-542.	2.6	35
33	Classification of Metal-Based Drugs according to Their Mechanisms of Action. CheM, 2020, 6, 41-60.	11.7	231
34	Synthesis, characterization, kinetic investigation and biological evaluation of Re(<scp>i</scp>) di- and tricarbonyl complexes with tertiary phosphine ligands. Dalton Transactions, 2020, 49, 35-46.	3.3	15
35	A Luminescent NOTA-Based Terbium(III) â€œTurn-Offâ€•Sensor for Copper. Inorganic Chemistry, 2020, 59, 669-677.	4.0	13
36	Metal-based photosensitizers for photodynamic therapy: the future of multimodal oncology?. Current Opinion in Chemical Biology, 2020, 56, 23-27.	6.1	224

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37	Note of Caution for the Aqueous Behaviour of Metalâ€Based Drug Candidates. ChemMedChem, 2020, 15, 345-348.	3.2	17
38	Polymetallic Complexes for Applications as Photosensitisers in Anticancer Photodynamic Therapy. Advanced Therapeutics, 2020, 3, 1900139.	3.2	24
39	A tutorial for the assessment of the stability of organometallic complexes in biological media. Journal of Organometallic Chemistry, 2020, 906, 121059.	1.8	23
40	Incorporation of Ru(II) Polypyridyl Complexes into Nanomaterials for Cancer Therapy and Diagnosis. Advanced Materials, 2020, 32, e2003294.	21.0	45
41	Enzymatic Formation of an Artificial Base Pair Using a Modified Purine Nucleoside Triphosphate. ACS Chemical Biology, 2020, 15, 2872-2884.	3.4	21
42	Studying the cellular distribution of highly phototoxic platinated metalloporphyrins using isotope labelling. Chemical Communications, 2020, 56, 14373-14376.	4.1	15
43	Enzymatic Construction of Artificial Base Pairs: The Effect of Metal Shielding. ChemBioChem, 2020, 21, 3398-3409.	2.6	10
44	Radiolabelling of the octadentate chelators DFO* and oxoDFO* with zirconium-89 and gallium-68. Journal of Biological Inorganic Chemistry, 2020, 25, 789-796.	2.6	16
45	Polymeric Encapsulation of a Ruthenium Polypyridine Complex for Tumor Targeted One- and Two-Photon Photodynamic Therapy. ACS Applied Materials & Interfaces, 2020, 12, 54433-54444.	8.0	42
46	Synthesis, Characterization, and Biological Evaluation of the Polymeric Encapsulation of a Ruthenium(II) Polypyridine Complex with Pluronic Fâ€127/Poloxamerâ€407 for Photodynamic Therapy Applications. European Journal of Inorganic Chemistry, 2020, 2020, 3242-3248.	2.0	12
47	Multidisciplinary Preclinical Investigations on Three Oxamniquine Analogues as New Drug Candidates for Schistosomiasis**. Chemistry - A European Journal, 2020, 26, 15232-15241.	3.3	3
48	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
49	Encapsulation of a Ru(II) Polypyridyl Complex into Polylactide Nanoparticles for Antimicrobial Photodynamic Therapy. Pharmaceutics, 2020, 12, 961.	4.5	19
50	Increased Lipophilicity of Halogenated Ruthenium(II) Polypyridyl Complexes Leads to Decreased Phototoxicity inâ€...vitro when Used as Photosensitizers for Photodynamic Therapy. ChemBioChem, 2020, 21, 2966-2973.	2.6	18
51	Synthesis, Characterization, Cytotoxic Activity, and Metabolic Studies of Ruthenium(II) Polypyridyl Complexes Containing Flavonoid Ligands. Inorganic Chemistry, 2020, 59, 4424-4434.	4.0	37
52	Rationally Designed Long-Wavelength Absorbing Ru(II) Polypyridyl Complexes as Photosensitizers for Photodynamic Therapy. Journal of the American Chemical Society, 2020, 142, 6578-6587.	13.7	144
53	Rationally designed ruthenium complexes for 1- and 2-photon photodynamic therapy. Nature Communications, 2020, 11, 3262.	12.8	173
54	First Workshop on Metals in Medicine (2019): Translational Research in Medicinal Bioinorganic Chemistry. ChemBioChem, 2020, 21, 2706-2707.	2.6	0

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55	Fe^{III}â€“Salenâ€Based Probes for the Selective and Sensitive Detection of E450 in Foodstuff. Chemistry - A European Journal, 2020, 26, 5717-5723.	3.3	10
56	A Maltolâ€Containing Ruthenium Polypyridyl Complex as a Potential Anticancer Agent. Chemistry - A European Journal, 2020, 26, 4997-5009.	3.3	25
57	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
58	Metal dipyrrin complexes as potential photosensitizers for photodynamic therapy. Inorganica Chimica Acta, 2020, 505, 119482.	2.4	17
59	A Multiâ€action and Multiâ€target Ru^{II}â€“Pt^{IV} Conjugate Combining Cancerâ€Activated Chemotherapy and Photodynamic Therapy to Overcome Drug Resistant Cancers. Angewandte Chemie - International Edition, 2020, 59, 7069-7075.	13.8	172
60	Synthesis, characterization and antiparasitic activity of organometallic derivatives of the anthelmintic drug albendazole. Dalton Transactions, 2020, 49, 6616-6626.	3.3	11
61	Ruthenium(II) Complex Containing a Redox-Active Semiquinonate Ligand as a Potential Chemotherapeutic Agent: From Synthesis toIn VivoStudies. Journal of Medicinal Chemistry, 2020, 63, 5568-5584.	6.4	24
62	A Multiâ€action and Multiâ€target Ru^{II}â€“Pt^{IV} Conjugate Combining Cancerâ€Activated Chemotherapy and Photodynamic Therapy to Overcome Drug Resistant Cancers. Angewandte Chemie, 2020, 132, 7135-7141.	2.0	25
63	Ruthenium-initiated polymerization of lactide: a route to remarkable cellular uptake for photodynamic therapy of cancer. Chemical Science, 2020, 11, 2657-2663.	7.4	37
64	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
65	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitisers. Angewandte Chemie, 2019, 131, 14472-14478.	2.0	23
66	Polymeric Encapsulation of Novel Homoleptic Bis(dipyrrinato) Zinc(II) Complexes with Long Lifetimes for Applications as Photodynamic Therapy Photosensitisers. Angewandte Chemie - International Edition, 2019, 58, 14334-14340.	13.8	100
67	Polymeric Bis(dipyrrinato) Zinc(II) Nanoparticles as Selective Imaging Probes for Lysosomes of Cancer Cells. Inorganic Chemistry, 2019, 58, 12422-12432.	4.0	31
68	Targeting of the mitochondrion by dinuclear thiolato-bridged arene ruthenium complexes in cancer cells and in the apicomplexan parasite Neospora caninum. Metallomics, 2019, 11, 462-474.	2.4	25
69	Systematic investigation of the antiproliferative activity of a series of ruthenium terpyridine complexes. Journal of Inorganic Biochemistry, 2019, 198, 110752.	3.5	47
70	Evaluation of the Potential of Cobalamin Derivatives Bearing Ru(II) Polypyridyl Complexes as Photosensitizers for Photodynamic Therapy. Helvetica Chimica Acta, 2019, 102, e1900104.	1.6	21
71	A Ru(II) polypyridyl complex bearing aldehyde functions as a versatile synthetic precursor for long-wavelength absorbing photodynamic therapy photosensitizers. Bioorganic and Medicinal Chemistry, 2019, 27, 2666-2675.	3.0	38
72	Towards Lightâ€Activated Rutheniumâ€“Arene (RAPTAâ€Type) Prodrug Candidates. ChemBioChem, 2019, 20, 2876-2882.	2.6	30

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73	Investigation of photo-activation on ruthenium(II)â€“arene complexes for the discovery of potential selective cytotoxic agents. Polyhedron, 2019, 172, 22-27.	2.2	16
74	Polymer encapsulation of ruthenium complexes for biological and medicinal applications. Nature Reviews Chemistry, 2019, 3, 261-282.	30.2	119
75	Targeted photoredox catalysis in cancer cells. Nature Chemistry, 2019, 11, 1041-1048.	13.6	293
76	Mesoporous silica nanoparticles functionalised with a photoactive ruthenium(<scp>ii</scp>) complex: exploring the formulation of a metal-based photodynamic therapy photosensitiser. Dalton Transactions, 2019, 48, 5940-5951.	3.3	65
77	Synthesis, Characterization, and Biological Evaluation of Red-Absorbing Fe(II) Polypyridine Complexes. Inorganics, 2019, 7, 4.	2.7	29
78	Metal Compounds against Neglected Tropical Diseases. Chemical Reviews, 2019, 119, 730-796.	47.7	122
79	Biological Evaluation of the NIRâ€Emissive Ruby Analogue [Cr(ddpd)₂][BF₄]₃ as a Photodynamic Therapy Photosensitizer. European Journal of Inorganic Chemistry, 2019, 2019, 37-41.	2.0	31
80	Harnessing the Coordination Chemistry of 1,4,7â€Triazacyclononane for Biomimicry and Radiopharmaceutical Applications. ChemPlusChem, 2018, 83, 554-564.	2.8	23
81	A potent, selective, and orally bioavailable inhibitor of the protein-tyrosine phosphatase PTP1B improves insulin and leptin signaling in animal models. Journal of Biological Chemistry, 2018, 293, 1517-1525.	3.4	90
82	Mechanisms of action of Ru(<scp>ii</scp>) polypyridyl complexes in living cells upon light irradiation. Chemical Communications, 2018, 54, 13040-13059.	4.1	80
83	Synthesis, characterization and biological activity of organometallic derivatives of the antimalarial drug mefloquine as new antischistosomal drug candidates. MedChemComm, 2018, 9, 1905-1909.	3.4	12
84	Linker chemistry dictates the delivery of a phototoxic organometallic rhenium(<scp>i</scp>) complex to human cervical cancer cells from core crosslinked star polymer nanoparticles. Journal of Materials Chemistry B, 2018, 6, 7805-7810.	5.8	9
85	Assessment of tegumental damage to Schistosoma mansoni and S. haematobium after in vitro exposure to ferrocenyl, ruthenocenyl and benzyl derivatives of oxamniquine using scanning electron microscopy. Parasites and Vectors, 2018, 11, 580.	2.5	15
86	ATR-Mediated Global Fork Slowing and Reversal Assist Fork Traverse and Prevent Chromosomal Breakage at DNA Interstrand Cross-Links. Cell Reports, 2018, 24, 2629-2642.e5.	6.4	100
87	An Overview of PET Radiochemistry, Part 2: Radiometals. Journal of Nuclear Medicine, 2018, 59, 1500-1506.	5.0	92
88	Applications of Ruthenium Complexes Covalently Linked to Nucleic Acid Derivatives. Molecules, 2018, 23, 1515.	3.8	19
89	Biological evaluation of nitrile containing Ru(II) polypyridyl complexes as potential photodynamic therapy agents. Inorganica Chimica Acta, 2017, 454, 21-26.	2.4	20
90	Towards the Synthesis of New Tumor Targeting Photosensitizers for Photodynamic Therapy and Imaging Applications. ChemistrySelect, 2017, 2, 190-200.	1.5	13

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91	Combining imaging and anticancer properties with new heterobimetallic Pt(<scp>ii</scp>)/M(<scp>i</scp>) (M = Re, ^{99m}Tc) complexes. Dalton Transactions, 2017, 46, 14523-14536.	3.3	29
92	Evaluation of the Medicinal Potential of Two Ruthenium(II) Polypyridine Complexes as Oneâ€•and Twoâ€Photon Photodynamic Therapy Photosensitizers. Chemistry - A European Journal, 2017, 23, 9888-9896.	3.3	93
93	Outstanding Reviewers for Chemical Science in 2016. Chemical Science, 2017, 8, 4158-4158.	7.4	1
94	Immobilisation of Multiple Ligands Using Peptide Nucleic Acids: A Strategy to Prepare the Microenvironment for Cell Culture. ChemistrySelect, 2017, 2, 4028-4032.	1.5	1
95	Multi-stimuli responsive block copolymers as a smart release platform for a polypyridyl ruthenium complex. Polymer Chemistry, 2017, 8, 890-900.	3.9	43
96	Influence of the dissolution solvent on the cytotoxicity of octahedral cationic Ir(III) hydride complexes. Journal of Organometallic Chemistry, 2017, 839, 15-18.	1.8	16
97	Monomeric and dimeric coordinatively saturated and substitutionally inert Ru(<scp>ii</scp>) polypyridyl complexes as anticancer drug candidates. Chemical Society Reviews, 2017, 46, 7317-7337.	38.1	174
98	Critical Overview of the Use of Ru(II) Polypyridyl Complexes as Photosensitizers in One-Photon and Two-Photon Photodynamic Therapy. Accounts of Chemical Research, 2017, 50, 2727-2736.	15.6	454
99	The medicinal chemistry of ferrocene and its derivatives. Nature Reviews Chemistry, 2017, 1, .	30.2	372
100	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
101	Ferrocenyl, Ruthenocenyl, and Benzyl Oxamniquine Derivatives with Cross-Species Activity against Schistosoma mansoni and Schistosoma haematobium. ACS Infectious Diseases, 2017, 3, 645-652.	3.8	29
102	Extending the Excitation Wavelength of Potential Photosensitizers via Appendage of a Kinetically Stable Terbium(III) Macrocyclic Complex for Applications in Photodynamic Therapy. Inorganic Chemistry, 2017, 56, 7960-7974.	4.0	23
103	Characterization of the Activities of Dinuclear Thiolato-Bridged Arene Ruthenium Complexes against Toxoplasma gondii. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	35
104	Evaluation of Perylene Bisimideâ€Based Ru^{II} and Ir^{III} Complexes as Photosensitizers for Photodynamic Therapy. European Journal of Inorganic Chemistry, 2017, 2017, 1745-1752.	2.0	49
105	Comparison of the octadentate bifunctional chelator DFO*-pPhe-NCS and the clinically used hexadentate bifunctional chelator DFO-pPhe-NCS for 89Zr-immuno-PET. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 286-295.	6.4	111
106	Cellular Uptake and Photo-Cytotoxicity of a Gadolinium(III)-DOTA-Naphthalimide Complex â€œClickedâ€•to a Lipidated Tat Peptide. Molecules, 2016, 21, 194.	3.8	9
107	A Disassembly Strategy for Imaging Endogenous Pyrophosphate in Mitochondria by Using an Fe^{III}â€“salen Complex. ChemBioChem, 2016, 17, 1211-1215.	2.6	17
108	Organometallic Rhenium Complexes Divert Doxorubicin to the Mitochondria. Angewandte Chemie - International Edition, 2016, 55, 2792-2795.	13.8	98

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109	Bimodal Xâ€•ray and Infrared Imaging of an Organometallic Derivative of Praziquantel in Schistosoma mansoni. ChemBioChem, 2016, 17, 1004-1007.	2.6	16
110	Sedaxicenes: potential new antifungal ferrocene-based agents?. Dalton Transactions, 2016, 45, 6619-6626.	3.3	27
111	Towards^{99m}Tc-based imaging agents with effective doxorubicin mimetics: a molecular and cellular study. Dalton Transactions, 2016, 45, 13025-13033.	3.3	16
112	New insights into the pretargeting approach to image and treat tumours. Chemical Society Reviews, 2016, 45, 6415-6431.	38.1	99
113	Synthesis, Characterization, and Biological Activity of Ferrocenyl Analogues of the Anthelmintic Drug Monepantel. Organometallics, 2016, 35, 3369-3377.	2.3	21
114	Organometallic Derivatization of the Nematocidal Drug Monepantel Leads to Promising Antiparasitic Drug Candidates. Chemistry - A European Journal, 2016, 22, 16602-16612.	3.3	19
115	N-Heterocyclic Carbeneâ€“Polyethylenimine Platinum Complexes with Potent in Vitro and in Vivo Antitumor Efficacy. Bioconjugate Chemistry, 2016, 27, 1942-1948.	3.6	34
116	Dual mode of cell death upon the photo-irradiation of a Ru^{II}polypyridyl complex in interphase or mitosis. Chemical Science, 2016, 7, 6115-6124.	7.4	84
117	Assessment of the nematocidal activity of metallocenyl analogues of monepantel. Dalton Transactions, 2016, 45, 17662-17671.	3.3	9
118	Organometallic Rhenium Complexes Divert Doxorubicin to the Mitochondria. Angewandte Chemie, 2016, 128, 2842-2845.	2.0	24
119	Insertion of organometallic moieties into peptides and peptide nucleic acids using alternative â€œclickâ€• strategies. Inorganic Chemistry Frontiers, 2016, 3, 397-405.	6.0	6
120	Synthesis, characterization and biological evaluation of novel Ru(II)â€“arene complexes containing intercalating ligands. Journal of Inorganic Biochemistry, 2016, 160, 156-165.	3.5	39
121	Cellular delivery and photochemical release of a caged inositol-pyrophosphate induces PH-domain translocation in cellulo. Nature Communications, 2016, 7, 10622.	12.8	77
122	Luminescent Alkyne-Bearing Terbium(III) Complexes and Their Application to Bioorthogonal Protein Labeling. Inorganic Chemistry, 2016, 55, 1674-1682.	4.0	26
123	Selective Photorelease of an Organometallic-Containing Enzyme Inhibitor. Organometallics, 2016, 35, 851-854.	2.3	28
124	Caged Phosphate and the Slips and Misses in Determination of Quantum Yields for Ultravioletâ€Aâ€•induced Photouncaging. ChemPhysChem, 2015, 16, 1857-1860.	2.1	8
125	Strategy for Internal Labeling of Large RNAs with Minimal Perturbation by Using Fluorescent PNA. ChemBioChem, 2015, 16, 1302-1306.	2.6	11
126	Phototoxic Activity and DNA Interactions of Waterâ€Soluble Porphyrins and Their Rhenium(I) Conjugates. ChemMedChem, 2015, 10, 1901-1914.	3.2	30

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127	Highly Charged Ruthenium(II) Polypyridyl Complexes as Lysosomeâ€Localized Photosensitizers for Twoâ€Photon Photodynamic Therapy. Angewandte Chemie - International Edition, 2015, 54, 14049-14052.	13.8	368
128	Reply to Commentary by Trentham et al. on â€œCaged Phosphate and the Slips and Misses in Determination of Quantum Yields for Ultravioletâ€Aâ€Induced Photouncagingâ€• by Gasser et al.. ChemPhysChem, 2015, 16, 1863-1866.	2.1	9
129	Towards Selective Lightâ€Activated Ru^{II}â€Based Prodrug Candidates. European Journal of Inorganic Chemistry, 2015, 2015, 3879-3891.	2.0	52
130	Metal Complexes and Medicine: A Successful Combination. Chimia, 2015, 69, 442.	0.6	43
131	Combination of Ru(<scp>ii</scp>) complexes and light: new frontiers in cancer therapy. Chemical Science, 2015, 6, 2660-2686.	7.4	487
132	Direct imaging of biological sulfur dioxide derivatives inÂvivo using a two-photon phosphorescent probe. Biomaterials, 2015, 63, 128-136.	11.4	58
133	Unexpected high photothemal 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
134	Towards Tris(diimine)â€“Ruthenium(II) and Bis(quinoline)â€“Re(I)(CO)3 Complexes as Photoactivated Anticancer Drug Candidates. Synlett, 2015, 26, 275-284.	1.8	19
135	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
136	In vivo demonstration of an active tumor pretargeting approach with peptide nucleic acid bioconjugates as complementary system. Chemical Science, 2015, 6, 5601-5616.	7.4	36
137	Induction of Cytotoxicity through Photorelease of Aminoferrocene. Inorganic Chemistry, 2015, 54, 9740-9748.	4.0	33
138	Lightening up Ruthenium Complexes to Fight Cancer?. Chimia, 2015, 69, 176.	0.6	40
139	Toward organometallic antischistosomal drug candidates. Future Medicinal Chemistry, 2015, 7, 821-830.	2.3	36
140	Two-photon uncageable enzyme inhibitors bearing targeting vectors. Photochemical and Photobiological Sciences, 2015, 14, 1821-1825.	2.9	13
141	An organometallic structure-activity relationship study reveals the essential role of a Re(CO)₃moiety in the activity against gram-positive pathogens including MRSA. Chemical Science, 2015, 6, 214-224.	7.4	63
142	(Metallo)porphyrins as Potent Phototoxic Antiâ€Cancer Agents after Irradiation with Red Light. Chemistry - A European Journal, 2015, 21, 1179-1183.	3.3	66
143	In vitro and in vivo antischistosomal activity of ferroquine derivatives. Parasites and Vectors, 2014, 7, 424.	2.5	24
144	Peptide Nucleic Acid â€“ An Opportunity for Bio-Nanotechnology. Chimia, 2014, 68, 264.	0.6	9

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145	Bis(dipyridophenazine)(2â€(2â€²â€pyridyl)pyrimidineâ€4â€carboxylic acid)ruthenium(II) Hexafluorophosphate: A Lesson in Stubbornness. ChemMedChem, 2014, 9, 1419-1427.	3.2	27
146	Anticancer Profile of a Series of Gold(III) (2â€phenyl)pyridine Complexes. ChemMedChem, 2014, 9, 2781-2790.	3.2	27
147	A Bis(dipyridophenazine)(2â€(2â€pyridyl)pyrimidineâ€4â€carboxylic acid)ruthenium(II) Complex with Anticancer Action upon Photodeprotection. Angewandte Chemie - International Edition, 2014, 53, 2960-2963.	13.8	103
148	A Deadly Organometallic Luminescent Probe: Anticancer Activity of a Re^I Bisquinoline Complex. Chemistry - A European Journal, 2014, 20, 2496-2507.	3.3	74
149	An octadentate bifunctional chelating agent for the development of stable zirconium-89 based molecular imaging probes. Chemical Communications, 2014, 50, 11523-11525.	4.1	120
150	Photo-induced uncaging of a specific Re(<scp>i</scp>) organometallic complex in living cells. Chemical Science, 2014, 5, 4044.	7.4	104
151	Towards cancer cell-specific phototoxic organometallic rhenium(<scp>i</scp>) complexes. Dalton Transactions, 2014, 43, 4287-4294.	3.3	147
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