

Peter J Sadler

List of Publications by Year in descending order

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319
papers

28,999
citations

3158

92
h-index

6130

159
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344
all docs

344
docs citations

344
times ranked

16878
citing authors

#	ARTICLE	IF	CITATIONS
1	Density functional theory investigation of Ru(II) and Os(II) asymmetric transfer hydrogenation catalysts. <i>Faraday Discussions</i> , 2022, , .	3.2	3
2	Effect of cysteine thiols on the catalytic and anticancer activity of Ru(II) sulfonyl-ethylenediamine complexes. <i>Dalton Transactions</i> , 2022, 51, 4447-4457.	3.3	7
3	Light Triggers the Antiproliferative Activity of Naphthalimide-Conjugated (1,6-arene)ruthenium(II) Complexes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7624.	4.1	2
4	Transfer hydrogenation catalysis in cells. <i>RSC Chemical Biology</i> , 2021, 2, 12-29.	4.1	50
5	Cu(III)-bis-thiolato complex forms an unusual mono-thiolato Cu(III)-peroxido adduct. <i>Chemical Communications</i> , 2021, 57, 69-72.	4.1	5
6	Vibrational Motions Make Significant Contributions to Sequential Methyl C-H Activations in an Organometallic Complex. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 658-662.	4.6	7
7	Facile protein conjugation of platinum for light-activated cytotoxic payload release. <i>Chemical Communications</i> , 2021, 57, 7645-7648.	4.1	11
8	Minerals in biology and medicine. <i>RSC Advances</i> , 2021, 11, 1939-1951.	3.6	7
9	NMR studies of group 8 metallodrugs: Os-enriched organo-osmium half-sandwich anticancer complex. <i>Dalton Transactions</i> , 2021, 50, 12970-12981.	3.3	3
10	Platinum(IV)-azido monocarboxylato complexes are photocytotoxic under irradiation with visible light. <i>Dalton Transactions</i> , 2021, 50, 10593-10607.	3.3	5
11	Tracking Reactions of Asymmetric Organo-Osmium Transfer Hydrogenation Catalysts in Cancer Cells. <i>Angewandte Chemie</i> , 2021, 133, 6536-6546.	2.0	3
12	Tracking Reactions of Asymmetric Organo-Osmium Transfer Hydrogenation Catalysts in Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6462-6472.	13.8	21
13	Frontispiece: Tracking Reactions of Asymmetric Organo-Osmium Transfer Hydrogenation Catalysts in Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
14	Osmium-arene complexes with high potency towards <i>Mycobacterium tuberculosis</i> . <i>Metallomics</i> , 2021, 13, .	2.4	4
15	Frontispiz: Tracking Reactions of Asymmetric Organo-Osmium Transfer Hydrogenation Catalysts in Cancer Cells. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
16	DNA-Intercalative Platinum Anticancer Complexes Photoactivated by Visible Light. <i>Chemistry - A European Journal</i> , 2021, 27, 10711-10716.	3.3	18
17	Photoactive Platinum(II) Azopyridine Complexes. <i>Photochemistry and Photobiology</i> , 2021, , .	2.5	2
18	Biogenic metallic elements in the human brain?. <i>Science Advances</i> , 2021, 7, .	10.3	48

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19	Bioactive half-sandwich Rh and Ir bipyridyl complexes containing artemisinin. <i>Journal of Inorganic Biochemistry</i> , 2021, 219, 111408.	3.5	7
20	Quinone Reduction by Organo-Osmium Half-Sandwich Transfer Hydrogenation Catalysts. <i>Organometallics</i> , 2021, 40, 3012-3023.	2.3	8
21	Photoactivated Osmium Arene Anticancer Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 17450-17461.	4.0	18
22	Elemental mapping of half-sandwich azopyridine osmium arene complexes in cancer cells. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3675-3685.	6.0	5
23	Dose- and time-dependent tolerability and efficacy of organo-osmium complex FY26 and its tissue pharmacokinetics in hepatocarcinoma-bearing mice. <i>Metallomics</i> , 2021, 13, .	2.4	6
24	Photoactive metallodrugs. , 2021, , .		0
25	Single-Cell Chemistry of Photoactivatable Platinum Anticancer Complexes. <i>Journal of the American Chemical Society</i> , 2021, 143, 20224-20240.	13.7	49
26	New Designs for Phototherapeutic Transition Metal Complexes. <i>Angewandte Chemie</i> , 2020, 132, 61-73.	2.0	53
27	New Designs for Phototherapeutic Transition Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 61-73.	13.8	257
28	Strategies for conjugating iridium(III) anticancer complexes to targeting peptides via copper-free click chemistry. <i>Inorganica Chimica Acta</i> , 2020, 503, 119396.	2.4	13
29	Ligand-€Controlled Reactivity and Cytotoxicity of Cyclometalated Rhodium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1052-1060.	2.0	26
30	Metallodrugs are unique: opportunities and challenges of discovery and development. <i>Chemical Science</i> , 2020, 11, 12888-12917.	7.4	354
31	Frontispiece: Enhancing the Activity of Drugs by Conjugation to Organometallic Fragments. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	0
32	Unexpected photoactivation pathways in a folate-receptor-targeted trans-diazo Pt(IV) anticancer pro-drug. <i>Dalton Transactions</i> , 2020, 49, 11828-11834.	3.3	7
33	Induction of immunogenic cell death in cancer cells by a photoactivated platinum(IV) prodrug. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4150-4159.	6.0	40
34	Axial functionalisation of photoactive diazo platinum(IV) anticancer complexes. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3533-3540.	6.0	19
35	Ligand-centred redox activation of inert organoiridium anticancer catalysts. <i>Chemical Science</i> , 2020, 11, 5466-5480.	7.4	35
36	Enhancing the Activity of Drugs by Conjugation to Organometallic Fragments. <i>Chemistry - A European Journal</i> , 2020, 26, 8676-8688.	3.3	74

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37	Analysis of neuronal iron deposits in Parkinson's disease brain tissue by synchrotron x-ray spectromicroscopy. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126555.	3.0	13
38	X-ray tomography of cryopreserved human prostate cancer cells: mitochondrial targeting by an organoiridium photosensitiser. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 295-303.	2.6	9
39	Structure-activity relationships for osmium(II) arene phenylazopyridine anticancer complexes functionalised with alkoxy and glycolic substituents. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111154.	3.5	7
40	Novel tetranuclear Pd ^{II} and Pt ^{II} anticancer complexes derived from pyrene thiosemicarbazones. <i>Dalton Transactions</i> , 2020, 49, 9595-9604.	3.3	25
41	Metallic iron in cornflakes. <i>Food and Function</i> , 2020, 11, 2938-2942.	4.6	2
42	Iron stored in ferritin is chemically reduced in the presence of aggregating A β (1-42). <i>Scientific Reports</i> , 2020, 10, 10332.	3.3	34
43	How promising is phototherapy for cancer?. <i>British Journal of Cancer</i> , 2020, 123, 871-873.	6.4	122
44	Metallocomplexâ€“Peptide Interactions Studied by Ultrahigh Resolution Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 594-601.	2.8	4
45	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020, 11, 2627-2639.	7.4	290
46	150 years of the periodic table: New medicines and diagnostic agents. <i>Advances in Inorganic Chemistry</i> , 2020, 75, 3-56.	1.0	16
47	Biotinylated photoactive Pt(IV) anticancer complexes. <i>Chemical Communications</i> , 2020, 56, 2320-2323.	4.1	28
48	Labelâ€“Free Nanoimaging of Neuromelanin in the Brain by Soft Xâ€“ray Spectromicroscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11984-11991.	13.8	13
49	Labelâ€“Free Nanoimaging of Neuromelanin in the Brain by Soft Xâ€“ray Spectromicroscopy. <i>Angewandte Chemie</i> , 2020, 132, 12082-12089.	2.0	0
50	Metallationâ€“Induced Heterogeneous Dynamics of DNA Revealed by Singleâ€“Molecule FRET. <i>Chemistry - A European Journal</i> , 2020, 26, 4980-4987.	3.3	0
51	Platinum(IV) dihydroxido diazido N-(heterocyclic)imine complexes are potently photocytotoxic when irradiated with visible light. <i>Chemical Science</i> , 2019, 10, 8610-8617.	7.4	25
52	Metal Ion Binding to the Amyloid β Monomer Studied by Native Top-Down FTICR Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2123-2134.	2.8	47
53	Emerging Approaches to Investigate the Influence of Transition Metals in the Proteinopathies. <i>Cells</i> , 2019, 8, 1231.	4.1	19
54	Structural analysis of peptides modified with organo-iridium complexes, opportunities from multi-mode fragmentation. <i>Analyst</i> , 2019, 144, 1575-1581.	3.5	9

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55	Potent antiviral activity of carbohydrate-specific algal and leguminous lectins from the Brazilian biodiversity. <i>MedChemComm</i> , 2019, 10, 390-398.	3.4	24
56	Diazido platinum(IV) complexes for photoactivated anticancer chemotherapy. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1623-1638.	6.0	84
57	Nanofocused synchrotron X-ray absorption studies of the intracellular redox state of an organometallic complex in cancer cells. <i>Chemical Communications</i> , 2019, 55, 7065-7068.	4.1	17
58	Photoactive platinum(IV) complex conjugated to a cancer-cell-targeting cyclic peptide. <i>Dalton Transactions</i> , 2019, 48, 8560-8564.	3.3	17
59	Dual-action platinum(II) Schiff base complexes: Photocytotoxicity and cellular imaging. <i>Polyhedron</i> , 2019, 172, 157-166.	2.2	13
60	Generation of maghemite nanocrystals from iron-sulfur centres. <i>Dalton Transactions</i> , 2019, 48, 9564-9569.	3.3	1
61	Dual action photosensitive platinum(II) anticancer prodrugs with photoreleasable azide ligands. <i>Inorganica Chimica Acta</i> , 2019, 489, 230-235.	2.4	28
62	A Periodic Table for Life and Medicines. <i>Structure and Bonding</i> , 2019, , 175-201.	1.0	1
63	Targeted photoredox catalysis in cancer cells. <i>Nature Chemistry</i> , 2019, 11, 1041-1048.	13.6	293
64	Glutathione activation of an organometallic half-sandwich anticancer drug candidate by ligand attack. <i>Chemical Communications</i> , 2019, 55, 14602-14605.	4.1	21
65	Palladium(II) complexes with thiosemicarbazones derived from pyrene as topoisomerase IB inhibitors. <i>Dalton Transactions</i> , 2019, 48, 16509-16517.	3.3	34
66	Kinetic analysis of the accumulation of a half-sandwich organo-osmium pro-drug in cancer cells. <i>Metallomics</i> , 2019, 11, 1648-1656.	2.4	9
67	Nucleus-Targeted Organoiridium-Albumin Conjugate for Photodynamic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2350-2354.	13.8	134
68	Half-Sandwich Arene Ruthenium(II) and Osmium(II) Thiosemicarbazone Complexes: Solution Behavior and Antiproliferative Activity. <i>Organometallics</i> , 2018, 37, 891-899.	2.3	63
69	Platinum(IV) azido complexes undergo copper-free click reactions with alkynes. <i>Dalton Transactions</i> , 2018, 47, 10553-10560.	3.3	16
70	New activation mechanism for half-sandwich organometallic anticancer complexes. <i>Chemical Science</i> , 2018, 9, 3177-3185.	7.4	34
71	Transfer Hydrogenation and Antiproliferative Activity of Tethered Half-Sandwich Organoruthenium Catalysts. <i>Organometallics</i> , 2018, 37, 1555-1566.	2.3	49
72	Effect of sulfonamidoethylenediamine substituents in Ru(II) arene anticancer catalysts on transfer hydrogenation of coenzyme NAD ⁺ by formate. <i>Dalton Transactions</i> , 2018, 47, 7178-7189.	3.3	28

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73	Organometallic Conjugates of the Drug Sulfadoxine for Combatting Antimicrobial Resistance. Chemistry - A European Journal, 2018, 24, 10078-10090.	3.3	28
74	Sequence-dependent attack on peptides by photoactivated platinum anticancer complexes. Chemical Science, 2018, 9, 2733-2739.	7.4	45
75	Asymmetric transfer hydrogenation by synthetic catalysts in cancer cells. Nature Chemistry, 2018, 10, 347-354.	13.6	173
76	Spectroscopic Studies on Photoinduced Reactions of the Anticancer Prodrug, $\text{trans,trans,trans-[Pt(N}_3\text{)}_3\text{(OH)}_2\text{(py)}_2\text{]}.$ Chemistry - A European Journal, 2018, 24, 5790-5803.	3.3	31
77	Spectroscopic Studies on Photoinduced Reactions of the Anticancer Prodrug, $\text{trans,trans,trans-[Pt(N}_3\text{)}_2\text{(OH)}_2\text{(py)}_2\text{]}.$ Chemistry - A European Journal, 2018, 24, 5679-5679.	3.3	0
78	Cyclic Peptide-Polymer Nanotubes as Efficient and Highly Potent Drug Delivery Systems for Organometallic Anticancer Complexes. Biomacromolecules, 2018, 19, 239-247.	5.4	74
79	Pharmaco-genomic investigations of organo-iridium anticancer complexes reveal novel mechanism of action. Metallomics, 2018, 10, 93-107.	2.4	39
80	Photoactivatable platinum anticancer complex can generate tryptophan radicals. Chemical Communications, 2018, 54, 13845-13848.	4.1	32
81	Nucleus-Targeted organo-iridium-albumin conjugate for photoactivated cancer therapy. Angewandte Chemie, 2018, 131, 2372.	2.0	20
82	Photoactivatable Cell-Selective Dinuclear trans-Diazidoplatinum(IV) Anticancer Prodrugs. Inorganic Chemistry, 2018, 57, 14409-14420.	4.0	26
83	Rigid dinuclear ruthenium-arene complexes showing strong DNA interactions. Journal of Inorganic Biochemistry, 2018, 189, 30-39.	3.5	16
84	In Vivo Selectivity and Localization of Reactive Oxygen Species (ROS) Induction by Osmium Anticancer Complexes That Circumvent Platinum Resistance. Journal of Medicinal Chemistry, 2018, 61, 9246-9255.	6.4	44
85	Microfocus x-ray fluorescence mapping of tumour penetration by an organo-osmium anticancer complex. Journal of Inorganic Biochemistry, 2018, 185, 26-29.	3.5	14
86	Synthesis and Mode of Action Studies on Iridium(I)-NHC Anticancer Drug Candidates. European Journal of Inorganic Chemistry, 2018, 2018, 2461-2470.	2.0	19
87	Biguanide Iridium(III) Complexes with Potent Antimicrobial Activity. Journal of Medicinal Chemistry, 2018, 61, 7330-7344.	6.4	79
88	Recent Advances in the Design of Targeted Iridium(III) Photosensitizers for Photodynamic Therapy. ChemBioChem, 2018, 19, 1574-1589.	2.6	133
89	Frontispiece: Organometallic Conjugates of the Drug Sulfadoxine for Combatting Antimicrobial Resistance. Chemistry - A European Journal, 2018, 24, .	3.3	0
90	Native electrospray mass spectrometry approaches to probe the interaction between zinc and an anti-angiogenic peptide from histidine-rich glycoprotein. Scientific Reports, 2018, 8, 8646.	3.3	25

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91	Recent developments in drug discovery against the protozoal parasites <i>Cryptosporidium</i> and <i>Toxoplasma</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1491-1501.	2.2	11
92	Redox-Active Metal Complexes for Anticancer Therapy. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1541-1548.	2.0	182
93	Frontispiece: Synchrotron X-Ray Fluorescence Nanoprobe Reveals Target Sites for Organo-Osmium Complex in Human Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
94	Supramolecular Photoactivatable Anticancer Hydrogels. <i>Journal of the American Chemical Society</i> , 2017, 139, 5656-5659.	13.7	112
95	Automatic assignment of metal-containing peptides in proteomic LC-MS and MS/MS data sets. <i>Analyst</i> , 2017, 142, 2029-2037.	3.5	15
96	Ruthenium(II)-Arene Metallacycles: Crystal Structures, Interaction with DNA, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1792-1799.	2.0	16
97	Advances in the design of organometallic anticancer complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 839, 5-14.	1.8	298
98	In-Cell Activation of Organo-Osmium(II) Anticancer Complexes. <i>Angewandte Chemie</i> , 2017, 129, 1037-1040.	2.0	9
99	Synchrotron X-Ray Fluorescence Nanoprobe Reveals Target Sites for Organo-Osmium Complex in Human Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 2512-2516.	3.3	67
100	In-Cell Activation of Organo-Osmium(II) Anticancer Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1017-1020.	13.8	68
101	Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14898-14902.	13.8	101
102	Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells. <i>Angewandte Chemie</i> , 2017, 129, 15094-15098.	2.0	15
103	Mitochondria-targeted spin-labelled luminescent iridium anticancer complexes. <i>Chemical Science</i> , 2017, 8, 8271-8278.	7.4	46
104	Controlled fabrication of osmium nanocrystals by electron, laser and microwave irradiation and characterisation by microfocus X-ray absorption spectroscopy. <i>Chemical Communications</i> , 2017, 53, 12898-12901.	4.1	12
105	Rapid screening of photoactivatable metallodrugs: photonic crystal fibre microflow reactor coupled to ESI mass spectrometry. <i>RSC Advances</i> , 2017, 7, 37340-37348.	3.6	5
106	The potent anti-cancer activity of <i>Dioclea lasiocarpa</i> lectin. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 179-189.	3.5	34
107	Halide Control of <i>N,N</i> -Coordination versus <i>N,C</i> -Cyclometalation and Stereospecific Phenyl Ring Deuteration of Osmium(II) <i>p</i> -Cymene Phenylazobenzothiazole Complexes. <i>Organometallics</i> , 2017, 36, 4367-4375.	2.3	4
108	A novel strategy to construct Janus metallamacrocycles with both a Ru-arene face and an imidazolium face. <i>Dalton Transactions</i> , 2017, 46, 16205-16215.	3.3	4

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109	Innentitelbild: Organoiridium Photosensitizers Induce Specific Oxidative Attack on Proteins within Cancer Cells (Angew. Chem. 47/2017). Angewandte Chemie, 2017, 129, 14968-14968.	2.0	0
110	Synthesis and characterization of oxidovanadium complexes as enzyme inhibitors targeting dipeptidyl peptidase IV. Journal of Inorganic Biochemistry, 2017, 175, 29-35.	3.5	12
111	Combating AMR: photoactivatable ruthenium(II)-isoniazid complex exhibits rapid selective antimycobacterial activity. Chemical Science, 2017, 8, 395-404.	7.4	99
112	Os ²⁺ Os ⁴⁺ Switch Controls DNA Knotting and Anticancer Activity. Angewandte Chemie, 2016, 128, 9055-9058.	2.0	2
113	Innenr¼ctitelbild: Os ²⁺ Os ⁴⁺ Switch Controls DNA Knotting and Anticancer Activity (Angew. Chem. 31/2016). Angewandte Chemie, 2016, 128, 9243-9243.	2.0	0
114	Os ²⁺ Os ⁴⁺ Switch Controls DNA Knotting and Anticancer Activity. Angewandte Chemie - International Edition, 2016, 55, 8909-8912.	13.8	17
115	Excited-State Dynamics of a Two-Photon-Activatable Ruthenium Prodrug. ChemPhysChem, 2016, 17, 221-224.	2.1	3
116	Spin-labelled photo-cytotoxic diazido platinum(IV) anticancer complex. Dalton Transactions, 2016, 45, 13034-13037.	3.3	21
117	The contrasting catalytic efficiency and cancer cell antiproliferative activity of stereoselective organoruthenium transfer hydrogenation catalysts. Dalton Transactions, 2016, 45, 8367-8378.	3.3	31
118	Head-to-head double-hamburger-like structure of di-ruthenated d(GpC) adducts of mono-functional Ru ^{II} -arene anticancer complexes. Dalton Transactions, 2016, 45, 18676-18688.	3.3	8
119	Comprehensive Vibrational Spectroscopic Investigation of <i>trans,trans,trans</i> -[Pt(N ₃) ₂ (OH) ₂ (py) ₂], a Pt(IV) Diazido Anticancer Prodrug Candidate. Inorganic Chemistry, 2016, 55, 5983-5992.	4.0	22
120	Bringing inorganic chemistry to life with inspiration from R. J. P. Williams. Journal of Biological Inorganic Chemistry, 2016, 21, 5-12.	2.6	17
121	Thiol-Activated HNO Release from a Ruthenium Antiangiogenesis Complex and HIF-1 \pm Inhibition for Cancer Therapy. ACS Chemical Biology, 2016, 11, 2057-2065.	3.4	41
122	Photo-induced DNA cleavage and cytotoxicity of a ruthenium(II) arene anticancer complex. Journal of Inorganic Biochemistry, 2016, 160, 149-155.	3.5	42
123	A novel dual-functioning ruthenium(II)-arene complex of an anti-microbial ciprofloxacin derivative Anti-proliferative and anti-microbial activity. Journal of Inorganic Biochemistry, 2016, 160, 210-217.	3.5	54
124	Hydrosulfide Adducts of Organo-Iridium Anticancer Complexes. Inorganic Chemistry, 2016, 55, 2324-2331.	4.0	26
125	Dynamics of formation of Ru, Os, Ir and Au metal nanocrystals on doped graphitic surfaces. Chemical Communications, 2016, 52, 3895-3898.	4.1	13
126	Nanoparticles of chitosan conjugated to organo-ruthenium complexes. Inorganic Chemistry Frontiers, 2016, 3, 1058-1064.	6.0	101

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127	Inorganic Chemical Biology. Principles, Techniques and Applications. Herausgegeben von Gilles Gasser.. Angewandte Chemie, 2015, 127, 2927-2927.	2.0	0
128	A Photoactivatable Platinum(IV) Anticancer Complex Conjugated to the RNA Ligand Guanidinoneomycin. Chemistry - A European Journal, 2015, 21, 18474-18486.	3.3	27
129	Electrophilic Activation of Oxidized Sulfur Ligands and Implications for the Biological Activity of Ruthenium(II) Arene Anticancer Complexes. Inorganic Chemistry, 2015, 54, 11574-11580.	4.0	8
130	Speciation of precious metal anti-cancer complexes by NMR spectroscopy. Drug Discovery Today: Technologies, 2015, 16, 7-15.	4.0	26
131	Synthesis and controlled growth of osmium nanoparticles by electron irradiation. Dalton Transactions, 2015, 44, 20308-20311.	3.3	43
132	The elements of life and medicines. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140182.	3.4	164
133	Binding of an organoosmium(II) anticancer complex to guanine and cytosine on DNA revealed by electron-based dissociations in high resolution Top-Down FT-ICR mass spectrometry. Dalton Transactions, 2015, 44, 3624-3632.	3.3	20
134	Arene ruthenium dithiolato-carborane complexes for boron neutron capture therapy (BNCT). Journal of Organometallic Chemistry, 2015, 796, 17-25.	1.8	27
135	Potent organo-osmium compound shifts metabolism in epithelial ovarian cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3800-5.	7.1	71
136	Osmium Atoms and Os ₂ Molecules Move Faster on Selenium-Doped Compared to Sulfur-Doped Boronic Graphenic Surfaces. Chemistry of Materials, 2015, 27, 5100-5105.	6.7	14
137	An integrin-targeted photoactivatable Pt(IV) complex as a selective anticancer pro-drug: synthesis and photoactivation studies. Chemical Communications, 2015, 51, 9169-9172.	4.1	101
138	Systems approach to metal-based pharmacology. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4187-4188.	7.1	33
139	Approaches to the design of catalytic metallodrugs. Current Opinion in Chemical Biology, 2015, 25, 172-183.	6.1	122
140	Contrasting Anticancer Activity of Half-Sandwich Iridium(III) Complexes Bearing Functionally Diverse 2-Phenylpyridine Ligands. Organometallics, 2015, 34, 2683-2694.	2.3	110
141	Transfer hydrogenation catalysis in cells as a new approach to anticancer drug design. Nature Communications, 2015, 6, 6582.	12.8	216
142	Easy To Synthesize, Robust Organoosmium Asymmetric Transfer Hydrogenation Catalysts. Chemistry - A European Journal, 2015, 21, 8043-8046.	3.3	39
143	Enhancement of Selectivity of an Organometallic Anticancer Agent by Redox Modulation. Journal of Medicinal Chemistry, 2015, 58, 7874-7880.	6.4	74
144	Half-sandwich rhodium(III) transfer hydrogenation catalysts: Reduction of NAD ⁺ and pyruvate, and antiproliferative activity. Journal of Inorganic Biochemistry, 2015, 153, 322-333.	3.5	54

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145	Cellular Accumulation, Lipophilicity and Photocytotoxicity of Diazido Platinum(IV) Anticancer Complexes. <i>ChemMedChem</i> , 2014, 9, 1169-1175.	3.2	39
146	100 years of metal coordination chemistry: from Alfred Werner to anticancer metallodrugs. <i>Pure and Applied Chemistry</i> , 2014, 86, 1897-1910.	1.9	66
147	Insights into the Binding Sites of Organometallic Ruthenium Anticancer Compounds on Peptides Using Ultra-High Resolution Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 662-672.	2.8	22
148	The Potent Oxidant Anticancer Activity of Organoiridium Catalysts. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3941-3946.	13.8	283
149	Fabrication of crystals from single metal atoms. <i>Nature Communications</i> , 2014, 5, 3851.	12.8	31
150	A dual-targeting, apoptosis-inducing organometallic half-sandwich iridium anticancer complex. <i>Metallomics</i> , 2014, 6, 1491-1501.	2.4	87
151	Potent organometallic osmium compounds induce mitochondria-mediated apoptosis and S-phase cell cycle arrest in A549 non-small cell lung cancer cells. <i>Metallomics</i> , 2014, 6, 1014.	2.4	54
152	Mechanism of cellular accumulation of an iridium(^{III}) pentamethylcyclopentadienyl anticancer complex containing a C,N-chelating ligand. <i>Metallomics</i> , 2014, 6, 682-690.	2.4	58
153	Formation of glutathione sulfenate and sulfinate complexes by an organoiridium(^{III}) anticancer complex. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 668-672.	6.0	13
154	Ultrafast photo-induced ligand solvolysis of cis-[Ru(bipyridine) ₂ (nicotinamide) ₂] ²⁺ : experimental and theoretical insight into its photoactivation mechanism. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 19141-19155.	2.8	65
155	[Fe(CN) ₅ (isoniazid)] ³⁻ : An iron isoniazid complex with redox behavior implicated in tuberculosis therapy. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 236-244.	3.5	26
156	Potent Half-Sandwich Iridium(III) Anticancer Complexes Containing C ^S -N-Chelated and Pyridine Ligands. <i>Organometallics</i> , 2014, 33, 5324-5333.	2.3	109
157	Precious metal carborane polymer nanoparticles: characterisation of micellar formulations and anticancer activity. <i>Faraday Discussions</i> , 2014, 175, 229-240.	3.2	33
158	Organoiridium Complexes: Anticancer Agents and Catalysts. <i>Accounts of Chemical Research</i> , 2014, 47, 1174-1185.	15.6	492
159	Mass Spectrometric Strategies to Improve the Identification of Pt(II)-Modification Sites on Peptides and Proteins. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1217-1227.	2.8	32
160	Competitive Binding Sites of a Ruthenium Arene Anticancer Complex on Oligonucleotides Studied by Mass Spectrometry: Ladder-Sequencing versus Top-Down. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 410-420.	2.8	32
161	Next-Generation Metal Anticancer Complexes: Multitargeting via Redox Modulation. <i>Inorganic Chemistry</i> , 2013, 52, 12276-12291.	4.0	347
162	Challenges for Metals in Medicine: How Nanotechnology May Help To Shape the Future. <i>ACS Nano</i> , 2013, 7, 5654-5659.	14.6	132

#	ARTICLE	IF	CITATIONS
163	Organometallic Iridium(III) Anticancer Complexes with New Mechanisms of Action: NCI-60 Screening, Mitochondrial Targeting, and Apoptosis. <i>ACS Chemical Biology</i> , 2013, 8, 1335-1343.	3.4	137
164	Organometallic ruthenium anticancer complexes inhibit human glutathione-S-transferase. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 77-84.	3.5	30
165	Reduction of Quinones by NADH Catalyzed by Organoiridium Complexes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4194-4197.	13.8	107
166	De novo Generation of Singlet Oxygen and Ammine Ligands by Photoactivation of a Platinum Anticancer Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13633-13637.	13.8	63
167	X-ray transient absorption structural characterization of the 3MLCT triplet excited state of cis-[Ru(bpy) ₂ (py) ₂] ²⁺ . <i>Dalton Transactions</i> , 2013, 42, 6564.	3.3	38
168	Redox regulation of tumour suppressor protein p53: identification of the sites of hydrogen peroxide oxidation and glutathionylation. <i>Chemical Science</i> , 2013, 4, 1257.	7.4	21
169	Targeted delivery of platinum-based anticancer complexes. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 175-188.	6.1	241
170	Competition between glutathione and DNA oligonucleotides for ruthenium(II) arene anticancer complexes. <i>Dalton Transactions</i> , 2013, 42, 3188-3195.	3.3	43
171	Exploration of the medical periodic table: towards new targets. <i>Chemical Communications</i> , 2013, 49, 5106.	4.1	633
172	Photonic crystal fibres for chemical sensing and photochemistry. <i>Chemical Society Reviews</i> , 2013, 42, 8629.	38.1	252
173	The Contrasting Activity of Iodido versus Chlorido Ruthenium and Osmium Arene Azo- and Imino-pyridine Anticancer Complexes: Control of Cell Selectivity, Cross-Resistance, p53 Dependence, and Apoptosis Pathway. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 1291-1300.	6.4	199
174	Photoactivatable metal complexes: from theory to applications in biotechnology and medicine. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120519.	3.4	139
175	Mapping the protein-binding sites for novel iridium(III) anticancer complexes using electron capture dissociation. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2028-2032.	1.5	25
176	Diazido Mixed Amine Platinum(IV) Anticancer Complexes Activatable by Visible Light Form Novel DNA Adducts. <i>Chemistry - A European Journal</i> , 2013, 19, 9578-9591.	3.3	90
177	Trans-[PtIV(N ₃) ₂ (OH) ₂ (py)(NH ₃)]: A Light-Activated Antitumor Platinum Complex That Kills Human Cancer Cells by an Apoptosis-Independent Mechanism. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1894-1904.	4.1	81
178	Contrasting cellular uptake pathways for chlorido and iodido iminopyridine ruthenium arene anticancer complexes. <i>Metallomics</i> , 2012, 4, 1271.	2.4	60
179	Zinc(II) complexes of constrained antiviral macrocycles. <i>Dalton Transactions</i> , 2012, 41, 6408.	3.3	53
180	Two-Photon Activated Ligand Exchange in Platinum(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11263-11266.	13.8	42

#	ARTICLE	IF	CITATIONS
181	Interactions of DNA with a New Platinum(IV) Azide Dipyridine Complex Activated by UVA and Visible Light: Relationship to Toxicity in Tumor Cells. <i>Chemical Research in Toxicology</i> , 2012, 25, 1099-1111.	3.3	72
182	Tryptophan Switch for a Photoactivated Platinum Anticancer Complex. <i>Journal of the American Chemical Society</i> , 2012, 134, 16508-16511.	13.7	107
183	Improved Catalytic Activity of Ruthenium ^{II} Arene Complexes in the Reduction of NAD ⁺ . <i>Organometallics</i> , 2012, 31, 5958-5967.	2.3	69
184	Fibrillation of transferrin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 427-436.	2.4	14
185	Combined Theoretical and Computational Study of Interstrand DNA Guanine ⁺ Guanine Cross-Linking by <i>trans</i> -[Pt(pyridine) ₂] Derived from the Photoactivated Prodrug <i>trans,trans,trans</i> -[Pt(N ₃) ₂ (OH) ₂ (pyridine) ₂]. <i>Inorganic Chemistry</i> , 2012, 51, 6830-6841.	4.0	42
186	Photoactivatable Organometallic Pyridyl Ruthenium(II) Arene Complexes. <i>Organometallics</i> , 2012, 31, 3466-3479.	2.3	135
187	Design of photoactivatable metallodrugs: Selective and rapid light-induced ligand dissociation from half-sandwich [Ru(⁹ aneS ₃)(N ⁻ N ²⁺)(py)] ²⁺ complexes. <i>Inorganica Chimica Acta</i> , 2012, 393, 230-238.	2.4	25
188	Dicarbido-closo-dodecarborane-containing half-sandwich complexes of ruthenium, osmium, rhodium and iridium: biological relevance and synthetic strategies. <i>Chemical Society Reviews</i> , 2012, 41, 3264.	38.1	117
189	The contrasting chemical reactivity of potent isoelectronic iminopyridine and azopyridine osmium(II) arene anticancer complexes. <i>Chemical Science</i> , 2012, 3, 2485.	7.4	96
190	Somatostatin Subtype-2 Receptor-Targeted Metal-Based Anticancer Complexes. <i>Bioconjugate Chemistry</i> , 2012, 23, 1838-1855.	3.6	55
191	Protein flexibility is key to cisplatin crosslinking in calmodulin. <i>Protein Science</i> , 2012, 21, 1269-1279.	7.6	36
192	Designing organometallic compounds for catalysis and therapy. <i>Chemical Communications</i> , 2012, 48, 5219.	4.1	336
193	Interplay between Metal Ions and Nucleic Acids. <i>Metal Ions in Life Sciences Series, Band 10</i> . Herausgegeben von Astrid Sigel, Helmut Sigel und Roland K. O. Sigel. <i>Angewandte Chemie</i> , 2012, 124, 7750-7750.	2.0	0
194	Organometallic Ruthenium and Iridium Transfer ^H Hydrogenation Catalysts Using Coenzyme NADH as a Cofactor. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3897-3900.	13.8	158
195	A Computational Approach to Tuning the Photochemistry of Platinum(IV) Anticancer Agents. <i>Chemistry - A European Journal</i> , 2012, 18, 10630-10642.	3.3	16
196	Photoreaction pathways for the anticancer complex <i>trans,trans,trans</i> -[Pt(N ₃) ₂ (OH) ₂ (NH ₃) ₂]. <i>Dalton Transactions</i> , 2011, 40, 262-268.	3.3	54
197	Structure ⁺ activity relationships for organometallic osmium arene phenylazopyridine complexes with potent anticancer activity. <i>Dalton Transactions</i> , 2011, 40, 10553.	3.3	76
198	Photocontrolled DNA Binding of a Receptor-Targeted Organometallic Ruthenium(II) Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 14098-14108.	13.7	170

#	ARTICLE	IF	CITATIONS
199	Contrasting Reactivity and Cancer Cell Cytotoxicity of Isoelectronic Organometallic Iridium(III) Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 5777-5783.	4.0	146
200	Organometallic Iridium(III) Cyclopentadienyl Anticancer Complexes Containing C,N-Chelating Ligands. <i>Organometallics</i> , 2011, 30, 4702-4710.	2.3	131
201	The anticancer drug cisplatin can cross-link the interdomain zinc site on human albumin. <i>Chemical Communications</i> , 2011, 47, 6006.	4.1	80
202	Organometallic Half-Sandwich Iridium Anticancer Complexes. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3011-3026.	6.4	306
203	Anti-colorectal cancer activity of an organometallic osmium arene azopyridine complex. <i>MedChemComm</i> , 2011, 2, 666.	3.4	64
204	Metal Complexes as DNA Intercalators. <i>Accounts of Chemical Research</i> , 2011, 44, 349-359.	15.6	617
205	Use of Top-Down and Bottom-Up Fourier Transform Ion Cyclotron Resonance Mass Spectrometry for Mapping Calmodulin Sites Modified by Platinum Anticancer Drugs. <i>Analytical Chemistry</i> , 2011, 83, 9507-9515.	6.5	47
206	Mass Spectrometry Evidence for Cisplatin As a Protein Cross-Linking Reagent. <i>Analytical Chemistry</i> , 2011, 83, 5369-5376.	6.5	53
207	Identification of Two Reactive Cysteine Residues in the Tumor Suppressor Protein p53 Using Top-Down FTICR Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 888-897.	2.8	43
208	Probing Platinum Azido Complexes by ¹⁴ N and ¹⁵ N NMR Spectroscopy. <i>Chemistry - A European Journal</i> , 2011, 17, 12059-12066.	3.3	23
209	Influence of pyridine versus piperidine ligands on the chemical, DNA binding and cytotoxic properties of light activated trans,trans,trans-[Pt(N ₃) ₂ (OH) ₂ (NH ₃)(L)]. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 652-662.	3.5	39
210	EXAFS, DFT, Light-Induced Nucleobase Binding, and Cytotoxicity of the Photoactive Complex <i>cis</i> -[Ru(bpy) ₂ (CO)Cl] ⁺ . <i>Organometallics</i> , 2010, 29, 6703-6710.	2.3	38
211	Energetics, Conformation, and Recognition of DNA Duplexes Modified by Monodentate Ru ^{II} Complexes Containing Terphenyl Arenes. <i>Chemistry - A European Journal</i> , 2010, 16, 5744-5754.	3.3	24
212	Photochemistry in Photonic Crystal Fiber Nanoreactors. <i>Chemistry - A European Journal</i> , 2010, 16, 5607-5612.	3.3	41
213	Innentitelbild: A Potent Trans-Diimine Platinum Anticancer Complex Photoactivated by Visible Light (<i>Angew. Chem.</i> 47/2010). <i>Angewandte Chemie</i> , 2010, 122, 8948-8948.	2.0	0
214	A Potent <i>Trans</i> -Diimine Platinum Anticancer Complex Photoactivated by Visible Light. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8905-8908.	13.8	261
215	Inside Cover: A Potent <i>Trans</i> -Diimine Platinum Anticancer Complex Photoactivated by Visible Light (<i>Angew. Chem. Int. Ed.</i> 47/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8766-8766.	13.8	0
216	Photoactivation of trans diamine platinum complexes in aqueous solution and effect on reactivity towards nucleotides. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 909-918.	3.5	38

#	ARTICLE	IF	CITATIONS
217	Cytotoxicity, Hydrophobicity, Uptake, and Distribution of Osmium(II) Anticancer Complexes in Ovarian Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 840-849.	6.4	120
218	Controlling the Reactivity of Ruthenium(II) Arene Complexes by Tether Ring-Opening. <i>Inorganic Chemistry</i> , 2010, 49, 3310-3319.	4.0	32
219	Organometallic Osmium Arene Complexes with Potent Cancer Cell Cytotoxicity. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8192-8196.	6.4	118
220	Photocytotoxic trans-Diam(m)ine Platinum(IV) Diazido Complexes More Potent than Their cis Isomers. <i>Chemical Research in Toxicology</i> , 2010, 23, 413-421.	3.3	85
221	Activation Mechanisms for Organometallic Anticancer Complexes. <i>Topics in Organometallic Chemistry</i> , 2010, , 21-56.	0.7	166
222	Penetrative DNA intercalation and G-base selectivity of an organometallic tetrahydroanthracene Rull anticancer complex. <i>Chemical Science</i> , 2010, 1, 258.	7.4	63
223	Current applications and future potential for bioinorganic chemistry in the development of anticancer drugs. <i>Drug Discovery Today</i> , 2009, 14, 1089-1097.	6.4	542
224	Photoinduced Reactions of <i>cis</i> and <i>trans</i> $\text{Pt}^{\text{IV}}(\text{N}_3)_2(\text{OH})_2(\text{NH}_3)_2$ with 1-Methylimidazole. <i>Chemistry - A European Journal</i> , 2009, 15, 1588-1596.	3.3	77
225	Arene Control over Thiolate to Sulfinate Oxidation in Albumin by Organometallic Ruthenium Anticancer Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 6586-6594.	3.3	77
226	Protein Recognition of Platinated DNA. <i>ChemBioChem</i> , 2009, 10, 73-74.	2.6	7
227	Organometallic Osmium(II) and Ruthenium(II) Biphenyl Sandwich Complexes: X-ray Crystal Structures and ^{187}Os NMR Spectroscopic Studies in Solution. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2673-2677.	2.0	9
228	Photoactive trans ammine/amine diazido platinum(IV) complexes. <i>Inorganica Chimica Acta</i> , 2009, 362, 811-819.	2.4	44
229	Influence of Oxygenation on the Reactivity of Ruthenium Thiolato Bonds in Arene Anticancer Complexes: Insights from XAS and DFT. <i>Journal of the American Chemical Society</i> , 2009, 131, 13355-13361.	13.7	49
230	Unusual DNA binding modes for metal anticancer complexes. <i>Biochimie</i> , 2009, 91, 1198-1211.	2.6	192
231	Plasma fatty acid levels may regulate the Zn^{2+} -dependent activities of histidine-rich glycoprotein. <i>Biochimie</i> , 2009, 91, 1518-1522.	2.6	21
232	Amide Linkage Isomerism As an Activity Switch for Organometallic Osmium and Ruthenium Anticancer Complexes. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7753-7764.	6.4	93
233	Ruthenium(II) Arene Anticancer Complexes with Redox-Active Diamine Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 9444-9453.	4.0	108
234	Photocontrolled nucleobase binding to an organometallic Rull arene complex. <i>Chemical Communications</i> , 2009, , 6622.	4.1	98

#	ARTICLE	IF	CITATIONS
235	Synthesis, characterisation and photochemistry of PtIV pyridyl azido acetato complexes. Dalton Transactions, 2009, , 2315.	3.3	53
236	Controlling platinum, ruthenium, and osmium reactivity for anticancer drug design. Advances in Inorganic Chemistry, 2009, 61, 1-62.	1.0	182
237	Decomposition pathways for the photoactivated anticancer complex cis,trans,cis-[Pt(N3)2(OH)2(NH3)2]: insights from DFT calculations. Physical Chemistry Chemical Physics, 2009, 11, 10311.	2.8	51
238	Photoactivated chemotherapy (PACT): the potential of excited-state d-block metals in medicine. Dalton Transactions, 2009, , 10690.	3.3	416
239	Binding of mismatch repair protein MutS to mispaired DNA adducts of intercalating ruthenium(II) arene complexes. Journal of Biological Inorganic Chemistry, 2008, 13, 993-999.	2.6	17
240	Metal and Ligand Control of Sulfenate Reactivity: Arene Ruthenium Thiolatoâ€Monoâ€i>S</i>â€Oxides. Angewandte Chemie - International Edition, 2008, 47, 3008-3011.	13.8	47
241	New trends for metal complexes with anticancer activity. Current Opinion in Chemical Biology, 2008, 12, 197-206.	6.1	1,172
242	Applications of heteronuclear NMR spectroscopy in biological and medicinal inorganic chemistry. Coordination Chemistry Reviews, 2008, 252, 2239-2277.	18.8	76
243	Medicinal Organometallic Chemistry: Designing Metal Arene Complexes as Anticancer Agents. Chemistry - an Asian Journal, 2008, 3, 1890-1899.	3.3	365
244	Oxidation induced by the antioxidant glutathione (GSH). Chemical Communications, 2008, , 4413.	4.1	40
245	Unprecedented carbonâ€carbon bond formation induced by photoactivation of a platinum(IV)-diazido complex. Chemical Communications, 2008, , 235-237.	4.1	44
246	Photochemotherapy: Targeted Activation of Metal Anticancer Complexes. Australian Journal of Chemistry, 2008, 61, 669.	0.9	69
247	Cytotoxicity, Cellular Uptake, and DNA Interactions of New Monodentate Ruthenium(II) Complexes Containing Terphenyl Arenes. Journal of Medicinal Chemistry, 2008, 51, 5310-5319.	6.4	96
248	DNA Interactions of Monofunctional Organometallic Osmium(II) Antitumor Complexes in Cell-Free Media. Journal of Medicinal Chemistry, 2008, 51, 3635-3643.	6.4	90
249	Catalytic organometallic anticancer complexes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11628-11633.	7.1	267
250	Photoactivatable Platinum Complexes. Anti-Cancer Agents in Medicinal Chemistry, 2007, 7, 75-93.	1.7	213
251	A potent cytotoxic photoactivated platinum complex. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20743-20748.	7.1	290
252	Chloro Half-Sandwich Osmium(II) Complexes: Influence of Chelated N,N-Ligands on Hydrolysis, Guanine Binding, and Cytotoxicity. Inorganic Chemistry, 2007, 46, 4049-4059.	4.0	113

#	ARTICLE	IF	CITATIONS
253	Tuning the Hydrolytic Aqueous Chemistry of Osmium Arene Complexes with N,O-Chelating Ligands to Achieve Cancer Cell Cytotoxicity. <i>Journal of the American Chemical Society</i> , 2007, 129, 3348-3357.	13.7	134
254	Platination of superoxide dismutase with cisplatin: tracking the ammonia ligands using Fourier transform ion cyclotron resonance mass spectrometry (FT-ICR MS). <i>Chemical Communications</i> , 2007, , 1719.	4.1	21
255	Bifunctional Amine-Tethered Ruthenium(II) Arene Complexes Form Monofunctional Adducts on DNA. <i>Inorganic Chemistry</i> , 2007, 46, 8950-8962.	4.0	88
256	Dual Triggering of DNA Binding and Fluorescence via Photoactivation of a Dinuclear Ruthenium(II) Arene Complex. <i>Inorganic Chemistry</i> , 2007, 46, 5059-5068.	4.0	96
257	Osmium(II) and Ruthenium(II) Arene Maltolato Complexes: Rapid Hydrolysis and Nucleobase Binding. <i>Chemistry - A European Journal</i> , 2007, 13, 2601-2613.	3.3	163
258	Tagging (Arene)ruthenium(II) Anticancer Complexes with Fluorescent Labels. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2783-2796.	2.0	17
259	Tuning the Reactivity of Osmium(II) and Ruthenium(II) Arene Complexes under Physiological Conditions. <i>Journal of the American Chemical Society</i> , 2006, 128, 1739-1748.	13.7	247
260	Ruthenium Arene Anticancer Complexes. , 2006, , 39-64.		54
261	Structure-Activity Relationships for Cytotoxic Ruthenium(II) Arene Complexes Containing N,N-, N,O-, and O,O-Chelating Ligands. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6858-6868.	6.4	432
262	Phenylazo-pyridine and Phenylazo-pyrazole Chlorido Ruthenium(II) Arene Complexes: Arene Loss, Aquation, and Cancer Cell Cytotoxicity. <i>Inorganic Chemistry</i> , 2006, 45, 10882-10894.	4.0	148
263	Transplatin Is Cytotoxic When Photoactivated: Enhanced Formation of DNA Cross-Links. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7792-7798.	6.4	74
264	¹⁹⁵ Pt- and ¹⁵ N-NMR Spectroscopic Studies of Cisplatin Reactions with Biomolecules. , 2006, , 293-318.		13
265	Light-Activated Destruction of Cancer Cell Nuclei by Platinum Diazaide Complexes. <i>Chemistry and Biology</i> , 2006, 13, 61-67.	6.0	92
266	Insights into the mechanism of action of platinum anticancer drugs from multinuclear NMR spectroscopy. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2006, 49, 65-98.	7.5	159
267	Catalysis of regioselective reduction of NAD ⁺ by ruthenium(II) arene complexes under biologically relevant conditions. <i>Journal of Biological Inorganic Chemistry</i> , 2006, 11, 483-488.	2.6	59
268	A Photoactivated trans-Diammine Platinum Complex as Cytotoxic as Cisplatin. <i>Chemistry - A European Journal</i> , 2006, 12, 3155-3161.	3.3	151
269	Ruthenation of Duplex and Single-Stranded d(CGCCG) by Organometallic Anticancer Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 6151-6165.	3.3	72
270	Diversity in Guanine-Selective DNA Binding Modes for an Organometallic Ruthenium Arene Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 8153-8156.	13.8	132

#	ARTICLE	IF	CITATIONS
271	Conformation of DNA Modified by Monofunctional Ru(II) Arene Complexes: Recognition by DNA Binding Proteins and Repair. Relationship to Cytotoxicity. <i>Chemistry and Biology</i> , 2005, 12, 121-129.	6.0	124
272	Role of Tyr84 in controlling the reactivity of Cys34 of human albumin. <i>FEBS Journal</i> , 2005, 272, 353-362.	4.7	97
273	Controlling ligand substitution reactions of organometallic complexes: Tuning cancer cell cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18269-18274.	7.1	286
274	Contrasting Chemistry of cis- and trans-Platinum(II) Diamine Anticancer Compounds: A Hydrolysis Study of Picoline Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 7459-7467.	4.0	59
275	Competition between Glutathione and Guanine for a Ruthenium(II) Arene Anticancer Complex: Detection of a Sulfenato Intermediate. <i>Journal of the American Chemical Society</i> , 2005, 127, 17734-17743.	13.7	157
276	Organometallic chemistry, biology and medicine: ruthenium arene anticancer complexes. <i>Chemical Communications</i> , 2005, , 4764.	4.1	691
277	Assembly of an Oxo-Zirconium(IV) Cluster in a Protein Cleft. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5914-5918.	13.8	32
278	Formation of platinated GG cross-links on DNA by photoactivation of a platinum(IV) azide complex. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 741-745.	2.6	48
279	Nucleotide Cross-Linking Induced by Photoreactions of Platinum(IV) Azide Complexes. <i>Angewandte Chemie</i> , 2003, 115, 349-353.	2.0	22
280	Kinetics of Aquation and Anation of Ruthenium(II) Arene Anticancer Complexes, Acidity and X-ray Structures of Aqua Adducts. <i>Chemistry - A European Journal</i> , 2003, 9, 5810-5820.	3.3	245
281	Nucleotide Cross-Linking Induced by Photoreactions of Platinum(IV) Azide Complexes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 335-339.	13.8	121
282	A novel protein-mineral interface. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 297-302.	8.2	48
283	DNA Interactions of Monofunctional Organometallic Ruthenium(II) Antitumor Complexes in Cell-free Media. <i>Biochemistry</i> , 2003, 42, 11544-11554.	2.5	309
284	Highly Selective Binding of Organometallic Ruthenium Ethylenediamine Complexes to Nucleic Acids: A Novel Recognition Mechanism. <i>Journal of the American Chemical Society</i> , 2003, 125, 173-186.	13.7	363
285	Synergistic Anion and Metal Binding to the Ferric Ion-binding Protein from <i>Neisseria gonorrhoeae</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 2490-2502.	3.4	61
286	Induced-fit recognition of DNA by organometallic complexes with dynamic stereogenic centers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14623-14628.	7.1	114
287	Oxo-iron clusters in a bacterial iron-trafficking protein: new roles for a conserved motif. <i>Biochemical Journal</i> , 2003, 376, 35-41.	3.7	42
288	Organometallic Ruthenium(II) Diamine Anticancer Complexes: A Arene-Nucleobase Stacking and Stereospecific Hydrogen-Bonding in Guanine Adducts. <i>Journal of the American Chemical Society</i> , 2002, 124, 3064-3082.	13.7	430

#	ARTICLE	IF	CITATIONS
289	Gold(III)-Induced Oxidation of Amino Acids and Malonic Acid: Reaction Pathways Studied by NMR Spectroscopy with Isotope Labelling. <i>Journal of the Chinese Chemical Society</i> , 2002, 49, 499-504.	1.4	5
290	Reactions of a Ruthenium(II) Arene Antitumor Complex with Cysteine and Methionine. <i>Inorganic Chemistry</i> , 2002, 41, 4509-4523.	4.0	117
291	Inhibition of Cancer Cell Growth by Ruthenium(II) Arene Complexes. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 3616-3621.	6.4	725
292	Control of aminophosphine chelate ring-opening in Pt(II) and Pd(II) complexes: potential dual-mode anticancer agents. <i>Dalton Transactions RSC</i> , 2001, , 1306-1318.	2.3	87
293	Structure and dynamics of a platinum(II) aminophosphine complex and its nucleobase adducts. <i>Dalton Transactions RSC</i> , 2001, , 362-372.	2.3	22
294	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.	2.6	77
295	Competitive binding of the anticancer drug titanocene dichloride to N,N'-bis(2-ethylenebis(o-hydroxyphenyl)glycine) and adenosine triphosphate: a model for TiIV uptake and release by transferrin. <i>Dalton Transactions RSC</i> , 2000, , 7-9.	2.3	50
296	TiIV Uptake and Release by Human Serum Transferrin and Recognition of TiIV-Transferrin by Cancer Cells: Understanding the Mechanism of Action of the Anticancer Drug Titanocene Dichloride. <i>Biochemistry</i> , 2000, 39, 10023-10033.	2.5	226
297	[Au(DIEN)Cl]Cl ₂ : Exchange Phenomena Observed by H ¹ and C ¹³ NMR Spectroscopy. <i>Metal-Based Drugs</i> , 1999, 6, 261-269.	3.8	7
298	Nucleotide Platination Induced by Visible Light. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1460-1463.	13.8	77
299	Metals in Medicine. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1512-1531.	13.8	753
300	A New Platinum Anticancer Drug Forms a Highly Stereoselective Adduct with Duplex DNA. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2060-2063.	13.8	39
301	A Novel Dinuclear Diaminoplatinum(II) Glutathione Macrochelate. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2949-2951.	13.8	48
302	Transferrin as a Metal Ion Mediator. <i>Chemical Reviews</i> , 1999, 99, 2817-2842.	47.7	361
303	N-lobe versus C-lobe complexation of bismuth by human transferrin. <i>Biochemical Journal</i> , 1999, 337, 105-111.	3.7	34
304	Immobilization and Visualization of DNA and Proteins on Carbon Nanotubes. <i>Advanced Materials</i> , 1998, 10, 701-703.	21.0	255
305	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.	3.3	126
306	The First Specific TiIV-Protein Complex: Potential Relevance to Anticancer Activity of Titanocenes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1577-1579.	13.8	107

#	ARTICLE	IF	CITATIONS
307	[1H,13C] NMR determination of the order of lobe loading of human transferrin with iron: comparison with other metal ions. FEBS Letters, 1998, 422, 315-320.	2.8	40
308	Electron-Transfer-Driven Trans-Ligand Labilization: A Novel Activation Mechanism for Pt(IV) Anticancer Complexes. Journal of the American Chemical Society, 1998, 120, 8253-8254.	13.7	57
309	Immobilization and Visualization of DNA and Proteins on Carbon Nanotubes. Advanced Materials, 1998, 10, 701-703.	21.0	7
310	Workshop on: Chemistry of Metals in Medicine - The Industrial Perspective. Metal-Based Drugs, 1997, 4, 119-123.	3.8	1
311	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. FEBS Journal, 1997, 249, 370-382.	0.2	68
312	Immobilisierung von platinieren und iodierten DNA-Oligomeren an Kohlenstoff-Nanoröhren. Angewandte Chemie, 1997, 109, 2291-2294.	2.0	16
313	The Biological and Medicinal Chemistry of Bismuth. Chemische Berichte, 1997, 130, 669-681.	0.2	85
314	1H, 13C-NMR and X-ray Absorption Studies of Copper(I) Glutathione Complexes. FEBS Journal, 1996, 236, 697-705.	0.2	119
315	Coordination chemistry of metallodrugs: insights into biological speciation from NMR spectroscopy. Coordination Chemistry Reviews, 1996, 151, 1-40.	18.8	108
316	Ranitidine bismuth(III) citrate. Journal of the Chemical Society Dalton Transactions, 1995, , 1395.	1.1	35
317	Hydrolysis products of cisplatin: pK a determinations via [1H, 15N] NMR spectroscopy. Journal of the Chemical Society Chemical Communications, 1992, , 789.	2.0	118
318	Effects of chemical shift anisotropy and 14N coupling on the 1H and 195Pt nuclear magnetic resonance spectra of platinum complexes. Polyhedron, 1982, 1, 57-59.	2.2	64
319	Control of intra- and extra-cellular sulphhydryl-disulphide balances with gold phosphine drugs: 31P nuclear magnetic resonance studies of human blood. Journal of Inorganic Biochemistry, 1980, 12, 317-322.	3.5	40