

John M Kelly

List of Publications by Year in descending order

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287
papers

15,617
citations

14655

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h-index

23533

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all docs

302
docs citations

302
times ranked

13618
citing authors

#	ARTICLE	IF	CITATIONS
1	Incomplete Recruitment of Protective T Cells Is Associated with Trypanosoma cruzi Persistence in the Mouse Colon. Infection and Immunity, 2022, 90, IA10038221.	2.2	9
2	Probing Adamantane Arylhydroxamic Acids against Trypanosoma brucei and Trypanosoma cruzi. MolBank, 2022, 2022, M1363.	0.5	0
3	Synthesis, antiproliferative and antitrypanosomal activities, and DNA binding of novel 6-amidino-2-arylbenzothiazoles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1952-1967.	5.2	5
4	Image-Based In Vitro Screening Reveals the Trypanostatic Activity of Hydroxymethylnitrofurazone against Trypanosoma cruzi. International Journal of Molecular Sciences, 2021, 22, 6930.	4.1	6
5	Adenine Radical Cation Formation by a Ligand-Centered Excited State of an Intercalated Chromium Polypyridyl Complex Leads to Enhanced DNA Photo-oxidation. Journal of the American Chemical Society, 2021, 143, 14766-14779.	13.7	18
6	Local association of Trypanosoma cruzi chronic infection foci and enteric neuropathic lesions at the tissue micro-domain scale. PLoS Pathogens, 2021, 17, e1009864.	4.7	13
7	Effect of Alkyl Chain Length on the Photophysical, Photochemical, and Photobiological Properties of Ruthenium(II) Polypyridyl Complexes for Their Application as DNA-Targeting, Cellular-Imaging, and Light-Activated Therapeutic Agents. ACS Applied Bio Materials, 2021, 4, 6664-6681.	4.6	14
8	Design and synthesis of Mannich base-type derivatives containing imidazole and benzimidazole as lead compounds for drug discovery in Chagas Disease. European Journal of Medicinal Chemistry, 2021, 223, 113646.	5.5	7
9	Bioluminescent:Fluorescent Trypanosoma cruzi Reporter Strains as Tools for Exploring Chagas Disease Pathogenesis and Drug Activity. Current Pharmaceutical Design, 2021, 27, 1733-1740.	1.9	3
10	Synthesis and evaluation of novel 2,4-disubstituted arylthiazoles against <i>T. brucei</i> . RSC Medicinal Chemistry, 2020, 11, 72-84.	3.9	10
11	Design, synthesis, antitrypanosomal activity, DNA/RNA binding and in vitro ADME profiling of novel imidazoline-substituted 2-arylbenzimidazoles. European Journal of Medicinal Chemistry, 2020, 207, 112802.	5.5	13
12	Re-evaluating pretomanid analogues for Chagas disease: Hit-to-lead studies reveal both in vitro and in vivo trypanocidal efficacy. European Journal of Medicinal Chemistry, 2020, 207, 112849.	5.5	13
13	Functionalisation of gold nanoparticles with ruthenium(ii) polypyridyl complexes for their application in cellular imaging. Dalton Transactions, 2020, 49, 14158-14168.	3.3	5
14	The influence of loops on the binding of the [Ru(phen) ₂ dppz] ²⁺ light-switch compound to i-motif DNA structures revealed by time-resolved spectroscopy. Chemical Communications, 2020, 56, 9703-9706.	4.1	8
15	Caught in the Loop: Binding of the [Ru(phen) ₂ (dppz)] ²⁺ Light-Switch Compound to Quadruplex DNA in Solution Informed by Time-Resolved Infrared Spectroscopy. Chemistry - A European Journal, 2020, 26, 17103-17109.	3.3	11
16	Non-invasive monitoring of drug action: A new live in vitro assay design for Chagas™ disease drug discovery. PLoS Neglected Tropical Diseases, 2020, 14, e0008487.	3.0	5
17	In Vivo Analysis of Trypanosoma cruzi Persistence Foci at Single-Cell Resolution. MBio, 2020, 11, .	4.1	40
18	A conceptual change in crystallisation mechanisms of oxide materials from solutions in closed systems. Scientific Reports, 2020, 10, 18414.	3.3	2

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19	Understanding the factors controlling the photo-oxidation of natural DNA by enantiomerically pure intercalating ruthenium polypyridyl complexes through TA/TRIR studies with polydeoxynucleotides and mixed sequence oligodeoxynucleotides. <i>Chemical Science</i> , 2020, 11, 8600-8609.	7.4	16
20	Challenges in Chagas Disease Drug Development. <i>Molecules</i> , 2020, 25, 2799.	3.8	33
21	Intracellular DNA replication and differentiation of <i>Trypanosoma cruzi</i> is asynchronous within individual host cells in vivo at all stages of infection. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008007.	3.0	23
22	Drug-cured experimental <i>Trypanosoma cruzi</i> infections confer long-lasting and cross-strain protection. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007717.	3.0	12
23	Water-soluble amphiphilic ruthenium polypyridyl complexes as potential light-activated therapeutic agents. <i>Chemical Communications</i> , 2020, 56, 9332-9335.	4.1	17
24	<i>Trypanosoma cruzi</i> amastigotes that persist in the colon during chronic stage murine infections have a reduced replication rate. <i>Open Biology</i> , 2020, 10, 200261.	3.6	26
25	Lipophilic Guanylhydrazone Analogues as Promising Trypanocidal Agents: An Extended SAR Study. <i>Current Pharmaceutical Design</i> , 2020, 26, 838-866.	1.9	4
26	Novel 2,6-diketopiperazine-derived acetohydroxamic acids as promising anti- <i>Trypanosoma brucei</i> agents. <i>Future Medicinal Chemistry</i> , 2019, 11, 1259-1266.	2.3	3
27	Synthesis and Evaluation of Nifurtimox Adamantane Adducts with Trypanocidal Activity. <i>ChemMedChem</i> , 2019, 14, 1227-1231.	3.2	5
28	Scaffold hybridization strategy towards potent hydroxamate-based inhibitors of <i>Flaviviridae</i> viruses and <i>Trypanosoma</i> species. <i>MedChemComm</i> , 2019, 10, 991-1006.	3.4	9
29	Exploiting Genetically Modified Dual-Reporter Strains to Monitor Experimental <i>Trypanosoma cruzi</i> Infections and Host-Parasite Interactions. <i>Methods in Molecular Biology</i> , 2019, 1955, 147-163.	0.9	15
30	Synthesis of diphenoxyadamantane alkylamines with pharmacological interest. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1278-1281.	2.2	9
31	Drug Discovery for Kinetoplastid Diseases: Future Directions. <i>ACS Infectious Diseases</i> , 2019, 5, 152-157.	3.8	78
32	Spectro-electrochemical Studies on [Ru(TAP) ₂ (dppz)] ²⁺ Insights into the Mechanism of its Photosensitized Oxidation of Oligonucleotides. <i>Inorganic Chemistry</i> , 2019, 58, 663-671.	4.0	9
33	Transient absorption and time-resolved vibrational studies of photophysical and photochemical processes in DNA-intercalating polypyridyl metal complexes or cationic porphyrins. <i>Coordination Chemistry Reviews</i> , 2018, 364, 137-154.	18.8	27
34	Lipophilic conformationally constrained spiro carbocyclic 2,6-diketopiperazine-1-acetohydroxamic acid analogues as trypanocidal and leishmanicidal agents: An extended SAR study. <i>Chemical Biology and Drug Design</i> , 2018, 91, 408-421.	3.2	11
35	Structure and function of L-threonine-3-dehydrogenase from the parasitic protozoan <i>Trypanosoma brucei</i> revealed by X-ray crystallography and geometric simulations. <i>Acta Crystallographica Section D: Structural Biology</i> , 2018, 74, 861-876.	2.3	8
36	Synthesis, anti-bacterial and anti-protozoal activities of amidinobenzimidazole derivatives and their interactions with DNA and RNA. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1323-1334.	5.2	25

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37	Imaging the development of chronic Chagas disease after oral transmission. <i>Scientific Reports</i> , 2018, 8, 11292.	3.3	36
38	Optimising genetic transformation of <i>Trypanosoma cruzi</i> using hydroxyurea-induced cell-cycle synchronisation. <i>Molecular and Biochemical Parasitology</i> , 2018, 226, 34-36.	1.1	9
39	Tetrasubstituted Imidazolium Salts as Potent Antiparasitic Agents against African and American Trypanosomiases. <i>Molecules</i> , 2018, 23, 177.	3.8	5
40	Assessing the Effectiveness of Curative Benznidazole Treatment in Preventing Chronic Cardiac Pathology in Experimental Models of Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	22
41	Synthesis and Biological Evaluation of Heteroarylnonanenitriles as Potential Antitrypanosomal Agents: Serendipitous Discovery of Novel Anticholinesterase Hits. <i>Letters in Organic Chemistry</i> , 2018, 15, 455-461.	0.5	0
42	Photochemically active DNA-intercalating ruthenium and related complexes – insights by combining crystallography and transient spectroscopy. <i>Chemical Science</i> , 2017, 8, 4705-4723.	7.4	63
43	Inosine Can Increase DNA's Susceptibility to Photooxidation by a RuII Complex due to Structural Change in the Minor Groove. <i>Chemistry - A European Journal</i> , 2017, 23, 10344-10351.	3.3	18
44	Solar photocatalytic disinfection of <i>E. coli</i> and bacteriophages MS2, λ X174 and PR772 using TiO ₂ , ZnO and ruthenium based complexes in a continuous flow system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 170, 79-90.	3.8	38
45	Genome-wide mutagenesis and multi-drug resistance in American trypanosomes induced by the front-line drug benznidazole. <i>Scientific Reports</i> , 2017, 7, 14407.	3.3	41
46	Biological factors that impinge on Chagas disease drug development. <i>Parasitology</i> , 2017, 144, 1871-1880.	1.5	45
47	Discovery and Optimization of 5-Amino-1,2,3-triazole-4-carboxamide Series against <i>Trypanosoma cruzi</i> . <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7284-7299.	6.4	31
48	The development of ruthenium(II) polypyridyl complexes and conjugates for <i>in vitro</i> cellular and <i>in vivo</i> applications. <i>Chemical Society Reviews</i> , 2017, 46, 7706-7756.	38.1	326
49	Insertion of Isocyanides into N-Si Bonds: Multicomponent Reactions with Azines Leading to Potent Antiparasitic Compounds. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8994-8998.	13.8	28
50	Ground and excited state interactions of metalloporphyrin PtTMPyP4 with polynucleotides [poly(dG-dC)] ₂ and [poly(dA-dT)] ₂ . <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 980-987.	2.9	4
51	Insertion of Isocyanides into N-Si Bonds: Multicomponent Reactions with Azines Leading to Potent Antiparasitic Compounds. <i>Angewandte Chemie</i> , 2016, 128, 9140-9144.	2.0	7
52	Long-Lived Excited-State Dynamics of β -Motif Structures Probed by Time-Resolved Infrared Spectroscopy. <i>ChemPhysChem</i> , 2016, 17, 1281-1287.	2.1	14
53	New hydrazones of 5-nitro-2-furaldehyde with adamantanealkanohydrazides: synthesis and <i>in vitro</i> trypanocidal activity. <i>MedChemComm</i> , 2016, 7, 1229-1236.	3.4	12
54	Putting Infection Dynamics at the Heart of Chagas Disease. <i>Trends in Parasitology</i> , 2016, 32, 899-911.	3.3	83

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55	Host and parasite genetics shape a link between <i>Trypanosoma cruzi</i> infection dynamics and chronic cardiomyopathy. Cellular Microbiology, 2016, 18, 1429-1443.	2.1	78
56	Synthesis and biological evaluation of N -cyanoalkyl-, N -aminoalkyl-, and N -guanidinoalkyl-substituted 4-aminoquinoline derivatives as potent, selective, brain permeable antitrypanosomal agents. Bioorganic and Medicinal Chemistry, 2016, 24, 5162-5171.	3.0	9
57	Nitroheterocyclic drugs cure experimental <i>Trypanosoma cruzi</i> infections more effectively in the chronic stage than in the acute stage. Scientific Reports, 2016, 6, 35351.	3.3	72
58	Luminescent ruthenium polypyridyl complexes with extended π -dppz TM like ligands as DNA targeting binders and cellular agents. Dalton Transactions, 2016, 45, 18208-18220.	3.3	34
59	Direct observation by time-resolved infrared spectroscopy of the bright and the dark excited states of the [Ru(phen) ₂ (dppz)] ²⁺ light-switch compound in solution and when bound to DNA. Chemical Science, 2016, 7, 3075-3084.	7.4	52
60	DNA structure and dynamics – a combinational approach. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s49-s50.	0.1	0
61	Reversal of a Single Base-Pair Step Controls Guanine Photo-Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. Angewandte Chemie - International Edition, 2015, 54, 8364-8368.	13.8	32
62	Frontispiece: Reversal of a Single Base-Pair Step Controls Guanine Photo-Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. Angewandte Chemie - International Edition, 2015, 54, n/a-n/a.	13.8	0
63	Frontispiz: Reversal of a Single Base-Pair Step Controls Guanine Photo-Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. Angewandte Chemie, 2015, 127, n/a-n/a.	2.0	0
64	A New Experimental Model for Assessing Drug Efficacy against <i>Trypanosoma cruzi</i> Infection Based on Highly Sensitive In Vivo Imaging. Journal of Biomolecular Screening, 2015, 20, 36-43.	2.6	91
65	Enantiomeric Conformation Controls Rate and Yield of Photoinduced Electron Transfer in DNA Sensitized by Ru(II) Dipyridophenazine Complexes. Journal of Physical Chemistry Letters, 2015, 6, 734-738.	4.6	29
66	Synthesis, biological profiling and mechanistic studies of 4-aminoquinoline-based heterodimeric compounds with dual trypanocidal/antiplasmodial activity. Bioorganic and Medicinal Chemistry, 2015, 23, 5156-5167.	3.0	14
67	Limited Ability of Posaconazole To Cure both Acute and Chronic <i>Trypanosoma cruzi</i> Infections Revealed by Highly Sensitive In Vivo Imaging. Antimicrobial Agents and Chemotherapy, 2015, 59, 4653-4661.	3.2	124
68	The <i>Trypanosoma cruzi</i> Vitamin C Dependent Peroxidase Confers Protection against Oxidative Stress but Is Not a Determinant of Virulence. PLoS Neglected Tropical Diseases, 2015, 9, e0003707.	3.0	28
69	Monitoring guanine photo-oxidation by enantiomerically resolved Ru(II) dipyridophenazine complexes using inosine-substituted oligonucleotides. Faraday Discussions, 2015, 185, 455-469.	3.2	12
70	Multicomponent reaction-based synthesis and biological evaluation of tricyclic heterofused quinolines with multi-trypanosomatid activity. European Journal of Medicinal Chemistry, 2015, 105, 120-137.	5.5	52
71	Monitoring one-electron photo-oxidation of guanine in DNA crystals using ultrafast infrared spectroscopy. Nature Chemistry, 2015, 7, 961-967.	13.6	59
72	Natural and artificial photosynthesis: general discussion. Faraday Discussions, 2015, 185, 187-217.	3.2	3

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73	Reply to "Drug Susceptibility of Genetically Engineered Trypanosoma cruzi Strains and Sterile Cure in Animal Models as a Criterion for Potential Clinical Efficacy of Anti-T. cruzi Drugs": Antimicrobial Agents and Chemotherapy, 2015, 59, 7925-7925.	3.2	2
74	Luminescence sensing and imaging: general discussion. Faraday Discussions, 2015, 185, 311-335.	3.2	2
75	Self-organization of photo-active nanostructures: general discussion. Faraday Discussions, 2015, 185, 529-548.	3.2	2
76	Study of picosecond processes of an intercalated dipyrrophenazine Cr(III) complex bound to defined sequence DNAs using transient absorption and time-resolved infrared methods. Dalton Transactions, 2014, 43, 17606-17609.	3.3	9
77	Controlled Dehydration of a Ruthenium Complex "DNA Crystal Induces Reversible DNA Kinking. Journal of the American Chemical Society, 2014, 136, 17505-17512.	13.7	21
78	Bioluminescence imaging of chronic Trypanosoma cruzi infections reveals tissue-specific parasite dynamics and heart disease in the absence of locally persistent infection. Cellular Microbiology, 2014, 16, 1285-1300.	2.1	210
79	Long-lived excited states in i-motif DNA studied by picosecond time-resolved IR spectroscopy. Chemical Communications, 2014, 50, 2990-2992.	4.1	30
80	Preparation of saline-stable, silica-coated triangular silver nanoplates of use for optical sensing. Journal of Colloid and Interface Science, 2014, 415, 77-84.	9.4	48
81	Optimizing bioluminescence imaging to study protozoan parasite infections. Trends in Parasitology, 2014, 30, 161-162.	3.3	10
82	Supramolecular Approach to Enantioselective DNA Recognition Using Enantiomerically Resolved Cationic 4-Amino-1,8-naphthalimide-Based Tröger's Bases. Journal of Organic Chemistry, 2014, 79, 9272-9283.	3.2	39
83	Wash-free highly sensitive detection of C-reactive protein using gold derivatised triangular silver nanoplates. RSC Advances, 2014, 4, 29022-29031.	3.6	25
84	Benzimidazole-resistance in Trypanosoma cruzi: Evidence that distinct mechanisms can act in concert. Molecular and Biochemical Parasitology, 2014, 193, 17-19.	1.1	82
85	Efficient Quenching of TGA-Capped CdTe Quantum Dot Emission by a Surface-Coordinated Europium(III) Cyclen Complex. Inorganic Chemistry, 2013, 52, 4133-4135.	4.0	21
86	The effect of the 4-amino functionality on the photophysical and DNA binding properties of alkyl-pyridinium derived 1,8-naphthalimides. Organic and Biomolecular Chemistry, 2013, 11, 5642.	2.8	51
87	Evidence that transport of iron from the lysosome to the cytosol in African trypanosomes is mediated by a mucolipin orthologue. Molecular Microbiology, 2013, 89, 420-432.	2.5	23
88	X-ray Crystal Structure of [Ru(phen) ₂ dppz] ²⁺ with d(ATGCAT) ₂ Shows Enantiomer Orientations and Water Ordering. Journal of the American Chemical Society, 2013, 135, 12652-12659.	13.7	83
89	Synthesis, spectroscopic and biological studies of a fluorescent Pt(II) (terpy) based 1,8-naphthalimide conjugate as a DNA targeting agent. Chemical Communications, 2013, 49, 8522.	4.1	86
90	Recent advances in the development of 1,8-naphthalimide based DNA targeting binders, anticancer and fluorescent cellular imaging agents. Chemical Society Reviews, 2013, 42, 1601.	38.1	588

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91	Advances in the synthesis of ZnO nanomaterials for varistor devices. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3268.	5.5	139
92	Synthesis and trypanocidal action of new adamantane substituted imidazolines. <i>MedChemComm</i> , 2013, 4, 856.	3.4	12
93	Oligonucleotide Functionalization of Hollow Triangular Gold Silver Alloy Nanoboxes. <i>Journal of Physical Chemistry C</i> , 2013, 117, 669-676.	3.1	6
94	Tracking DNA Excited States by Picosecond-Time-Resolved Infrared Spectroscopy: Signature Band for a Charge-Transfer Excited State in Stacked Adenine-Thymine Systems. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 2739-2744.	4.6	75
95	Highly Sensitive In Vivo Imaging of <i>Trypanosoma brucei</i> Expressing a Red-Shifted Luciferase. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2571.	3.0	56
96	Genetic dissection of drug resistance in trypanosomes. <i>Parasitology</i> , 2013, 140, 1478-1491.	1.5	47
97	Optical Third-Order Nonlinearity of Triangular Silver Nanoprisms. , 2013, , .		0
98	Benzimidazole-Resistance in <i>Trypanosoma cruzi</i> Is a Readily Acquired Trait That Can Arise Independently in a Single Population. <i>Journal of Infectious Diseases</i> , 2012, 206, 220-228.	4.0	115
99	Influence of polystyrenesulfonate on electron transfer quenching of ruthenium trisbipyridine luminescence by viologens: non-covalent assembly and covalent tethering of the ruthenium complex. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3681.	2.8	17
100	Ultrafast IR spectroscopy of polymeric cytosine nucleic acids reveal the long-lived species is due to a localised state. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6307.	2.8	13
101	Photophysical studies of CdTe quantum dots in the presence of a zinc cationic porphyrin. <i>Dalton Transactions</i> , 2012, 41, 13159.	3.3	27
102	Synthesis and photophysical evaluation of a pyridinium 4-amino-1,8-naphthalimide derivative that upon intercalation displays preference for AT-rich double-stranded DNA. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3033.	2.8	62
103	Crystal structures of λ -[Ru(phen)2dppz]2+ with oligonucleotides containing TA/TA and AT/AT steps show two intercalation modes. <i>Nature Chemistry</i> , 2012, 4, 621-628.	13.6	182
104	Centromere-associated repeat arrays on <i>Trypanosoma brucei</i> chromosomes are much more extensive than predicted. <i>BMC Genomics</i> , 2012, 13, 29.	2.8	25
105	Surface promoted redox cationic polymerization of epoxy monomers catalyzed by silver salts. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2957-2966.	2.3	5
106	Picosecond to Millisecond Transient Absorption Spectroscopy of Broad-Band Emitting Chiral CdSe Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2012, 116, 16226-16232.	3.1	15
107	Synthesis of benzopolycyclic cage amines: NMDA receptor antagonist, trypanocidal and antiviral activities. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 942-948.	3.0	17
108	Inhibitors of human histone deacetylase with potent activity against the African trypanosome <i>Trypanosoma brucei</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1886-1890.	2.2	27

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109	Triangular Silver Nanoparticles: Their Preparation, Functionalisation and Properties. <i>Acta Physica Polonica A</i> , 2012, 122, 337-345.	0.5	36
110	Triplet-state dynamics of a metalloporphyrin photosensitiser (PtTMPyP4) in the presence of halides and purine mononucleotides. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1578-1586.	2.9	23
111	Excited state dependent electron transfer of a rhenium-dipyridophenazine complex intercalated between the base pairs of DNA: a time-resolved UV-visible and IR absorption investigation into the photophysics of fac-[Re(CO)3(F2dppz)(py)] ⁺ bound to either [poly(dA-dT)] ₂ or [poly(dG-dC)] ₂ . <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1355.	2.9	32
112	A Comparative Picosecond Transient Infrared Study of 1-Methylcytosine and 5â€²-dCMP That Sheds Further Light on the Excited States of Cytosine Derivatives. <i>Journal of the American Chemical Society</i> , 2011, 133, 4212-4215.	13.7	48
113	Genetic Techniques in <i>Trypanosoma cruzi</i> . <i>Advances in Parasitology</i> , 2011, 75, 231-250.	3.2	20
114	Novel Lipophilic Acetohydroxamic Acid Derivatives Based on Conformationally Constrained Spiro Carbocyclic 2,6-Diketopiperazine Scaffolds with Potent Trypanocidal Activity. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5250-5254.	6.4	34
115	Transient spectroscopy of dipyridophenazine metal complexes which undergo photo-induced electron transfer with DNA. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2666-2675.	18.8	59
116	Scaling of Surface Plasmon Resonances in Triangular Silver Nanoplate Sols for Enhanced Refractive Index Sensing. <i>Plasmonics</i> , 2011, 6, 351-362.	3.4	21
117	Trypanocidal Activity of Nitroaromatic Prodrugs: Current Treatments and Future Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2072-2084.	2.1	108
118	Centromere-associated topoisomerase activity in bloodstream form <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , 2011, 39, 1023-1033.	14.5	37
119	Structure determination of an intercalating ruthenium dipyridophenazine complex which kinks DNA by semiintercalation of a tetraazaphenanthrene ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17610-17614.	7.1	122
120	New oxapolycyclic cage amines with NMDA receptor antagonist and trypanocidal activities. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 46-57.	3.0	19
121	From Ag Nanoprisms to Triangular AuAg Nanoboxes. <i>Advanced Functional Materials</i> , 2010, 20, 1329-1338.	14.9	100
122	Design and synthesis of bioactive adamantan aminoalcohols and adamantan amines. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5022-5030.	5.5	31
123	Versatile Solution Phase Triangular Silver Nanoplates for Highly Sensitive Plasmon Resonance Sensing. <i>ACS Nano</i> , 2010, 4, 55-64.	14.6	150
124	Understanding the DNA binding of novel non-symmetrical guanidinium/2-aminoimidazolium derivatives. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5558.	2.8	36
125	Substituted dipyridophenazine complexes of Cr(III): Synthesis, enantiomeric resolution and binding interactions with calf thymus DNA. <i>Dalton Transactions</i> , 2010, 39, 3990.	3.3	38
126	Synthesis and spectroscopic studies of chiral CdSe quantum dots. <i>Journal of Materials Chemistry</i> , 2010, 20, 8350.	6.7	87

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127	Excited state behaviour of substituted dipyridophenazine Cr(iii) complexes in the presence of nucleic acids. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 1196.	2.9	12
128	Key Role of Aspect Ratio in Optimising Local Surface Plasmon Sensitivities of Solution Phase Triangular Silver Nanoplates. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1208, 1.	0.1	0
129	Design and Synthesis of <i>Trypanosoma brucei</i> Active 1-alkoxy and 1-benzyloxyadamantano 2-guanylhydrazones. <i>ChemMedChem</i> , 2009, 4, 1059-1062.	3.2	17
130	Picosecond Transient Infrared Study of the Ultrafast Deactivation Processes of Electronically Excited B-DNA and Z-DNA Forms of [poly(dG-C)] ₂ . <i>Angewandte Chemie - International Edition</i> , 2009, 48, 123-127.	13.8	48
131	Synthesis and pharmacological evaluation of (2-oxadamant-1-yl)amines. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3198-3206.	3.0	22
132	Etching-Resistant Silver Nanoprisms by Epitaxial Deposition of a Protecting Layer of Gold at the Edges. <i>Langmuir</i> , 2009, 25, 10165-10173.	3.5	69
133	Trypanocidal drugs: mechanisms, resistance and new targets. <i>Expert Reviews in Molecular Medicine</i> , 2009, 11, e31.	3.9	191
134	Microwave-assisted synthesis of ZnO micro-javelins. <i>Journal of Materials Chemistry</i> , 2009, 19, 9250.	6.7	51
135	A study of the pH dependence of electronically excited guanosine compounds by picosecond time-resolved infrared spectroscopy. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 542.	2.9	9
136	ps-TRIR covers all the bases – recent advances in the use of transient IR for the detection of short-lived species in nucleic acids. <i>Analyst</i> , 2009, 134, 1265.	3.5	62
137	A Time-resolved Vibrational Spectroscopy Study on Adenine/Thymine Based Nucleic Acid Systems. <i>Springer Series in Chemical Physics</i> , 2009, , 595-597.	0.2	0
138	Synthesis of conformationally constrained adamantane imidazolines with trypanocidal activity. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1401-1406.	2.6	12
139	Photooxidation of Guanine by a Ruthenium Dipyridophenazine Complex Intercalated in a Double-stranded Polynucleotide Monitored Directly by Picosecond Visible and Infrared Transient Absorption Spectroscopy. <i>Chemistry - A European Journal</i> , 2008, 14, 369-375.	3.3	95
140	Optical Properties and Growth Aspects of Silver Nanoprisms Produced by a Highly Reproducible and Rapid Synthesis at Room Temperature. <i>Advanced Functional Materials</i> , 2008, 18, 2005-2016.	14.9	451
141	Synthesis and pharmacological evaluation of several ring-contracted amantadine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9925-9936.	3.0	33
142	Design and synthesis of bioactive 1,2-annulated adamantane derivatives. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3177.	2.8	35
143	Design, Synthesis, and Trypanocidal Activity of New Aminoadamantane Derivatives. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1496-1500.	6.4	55
144	Ordered DNA Wrapping Switches on Luminescence in Single-Walled Nanotube Dispersions. <i>Journal of the American Chemical Society</i> , 2008, 130, 12734-12744.	13.7	119

#	ARTICLE	IF	CITATIONS
145	High performance ZnO varistors prepared from nanocrystalline precursors for miniaturised electronic devices. <i>Journal of Materials Chemistry</i> , 2008, 18, 3926.	6.7	45
146	Conformationally Constrained Adamantaneoxazolines of Pharmacological Interest. <i>Heterocycles</i> , 2008, 75, 2043.	0.7	10
147	A mechanism for cross-resistance to nifurtimox and benznidazole in trypanosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5022-5027.	7.1	370
148	A sensitivity study of the localised surface plasmon resonance of high-definition structured silver nanoparticles in solution. <i>Proceedings of SPIE</i> , 2008, , .	0.8	1
149	A Simple Sol-gel Processing for the Development of High-Temperature Stable Photoactive Anatase Titania. <i>Chemistry of Materials</i> , 2007, 19, 4474-4481.	6.7	122
150	Chiral highly luminescent CdS quantum dots. <i>Chemical Communications</i> , 2007, , 3900.	4.1	243
151	Spontaneous Debundling of Single-Walled Carbon Nanotubes in DNA-Based Dispersions. <i>Journal of Physical Chemistry C</i> , 2007, 111, 66-74.	3.1	93
152	Repetitive DNA is associated with centromeric domains in <i>Trypanosoma brucei</i> but not <i>Trypanosoma cruzi</i> . <i>Genome Biology</i> , 2007, 8, R37.	9.6	67
153	Ultrafast IR spectroscopy of the short-lived transients formed by UV excitation of cytosine derivatives. <i>Chemical Communications</i> , 2007, , 2130.	4.1	47
154	Picosecond infrared probing of the vibrational spectra of transients formed upon UV excitation of stacked G-tetrad structures. <i>Chemical Communications</i> , 2007, , 5158.	4.1	27
155	Design and synthesis of bioactive adamantane spiro heterocycles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4358-4362.	2.2	90
156	The <i>Trypanosoma cruzi</i> metacyclic-specific protein Met-III associates with the nucleolus and contains independent amino and carboxyl terminal targeting elements. <i>International Journal for Parasitology</i> , 2007, 37, 617-625.	3.1	31
157	Solvent dependent photophysics of fac-[Re(CO) ₃ (11,12-X ₂ dppz)(py)] ⁺ (X = H, F or Me). <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 741.	2.9	31
158	A rapid, straight-forward method for controlling the morphology of stable silver nanoparticles. <i>Journal of Materials Chemistry</i> , 2007, 17, 2459.	6.7	163
159	pTcINDEX: a stable tetracycline-regulated expression vector for <i>Trypanosoma cruzi</i> . , 2006, 6, 32.		57
160	Combination of phthalocyanine and fullerene moieties for optical limiting. <i>Chemical Physics Letters</i> , 2006, 428, 307-311.	2.6	35
161	Ruthenium polypyridyl chemistry; from basic research to applications and back again. <i>Dalton Transactions</i> , 2006, , 4869.	3.3	250
162	Functional characterisation of the iron superoxide dismutase gene repertoire in <i>Trypanosoma brucei</i> . <i>Free Radical Biology and Medicine</i> , 2006, 40, 198-209.	2.9	75

#	ARTICLE	IF	CITATIONS
163	Evidence on the chromosomal location of centromeric DNA in <i>Plasmodium falciparum</i> from etoposide-mediated topoisomerase-II cleavage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6706-6711.	7.1	49
164	Effect of step sintering on breakdown voltage of varistors prepared from nanomaterials by sol gel route. <i>Advances in Applied Ceramics</i> , 2006, 105, 158-160.	1.1	20
165	Microwave Induced Preparation of a-axis Oriented Double-Ended Needle-Shaped ZnO Microparticles.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
166	Functional mapping of a trypanosome centromere by chromosome fragmentation identifies a 16-kb GC-rich transcriptional "strand-switch" domain as a major feature. <i>Genome Research</i> , 2005, 15, 36-43.	5.5	57
167	Monitoring the effect of ultrafast deactivation of the electronic excited states of DNA bases and polynucleotides following 267 nm laser excitation using picosecond time-resolved infrared spectroscopy. <i>Chemical Communications</i> , 2005, , 1182.	4.1	54
168	Photophysical study of a family of [Ru(phen) ₂ (Mendpq)] ²⁺ complexes in different solvents and DNA: a specific water effect promoted by methyl substitution. <i>Dalton Transactions</i> , 2005, , 1123.	3.3	43
169	Reduction of dipyrido-[3,2-a:2'â€²,3'â€²-c]-phenazine (dppz) by photolysis in ethanol solution. <i>Chemical Communications</i> , 2005, , 1402-1404.	4.1	32
170	Silver Nanoparticle Self-organization into Dendritic Fractals. <i>Synthetic Metals</i> , 2005, 154, 205-208.	3.9	13
171	Enhanced Third-Order Optical Nonlinearity of Silver Nanoparticles with a Tunable Surface Plasmon Resonance. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 66-68.	0.9	36
172	Microstructural analysis of varistors prepared from nanosize ZnO. <i>Materials Science and Technology</i> , 2004, 20, 964-968.	1.6	28
173	The amino terminal domain of a novel WD repeat protein from <i>Trypanosoma cruzi</i> contains a non-canonical mitochondrial targeting signal. <i>International Journal for Parasitology</i> , 2004, 34, 63-71.	3.1	6
174	Unusual photophysical switching in a Ru(ii) diimine DNA probe caused by amide functionalisation. <i>Dalton Transactions</i> , 2004, , 13.	3.3	45
175	Microwave induced preparation of a-axis oriented double-ended needle-shaped ZnO microparticles. <i>Chemical Communications</i> , 2004, , 2294.	4.1	53
176	[Ru(TAP) ₂ (dppz)] ²⁺ : a DNA intercalating complex, which luminesces strongly in water and undergoes photo-induced proton-coupled electron transfer with guanosine-5'â€²-monophosphate. <i>Dalton Transactions</i> , 2004, , 668-676.	3.3	155
177	Self-assembled arrays of ZnO nanoparticles and their application as varistor materials Electronic supplementary information (ESI) available: XRD plots and FESEM images. See http://www.rsc.org/suppdata/jm/b4/b400927d/ . <i>Journal of Materials Chemistry</i> , 2004, 14, 1572.	6.7	80
178	Synthesis of N ³ - and 2-NH ₂ -substituted 6,7-diphenylpterins and their use as intermediates for the preparation of oligonucleotide conjugates designed to target photooxidative damage on single-stranded DNA representing the bcrâ€œabl chimeric gene. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 3588-3601.	2.8	7
179	Magnetic nanoparticle assemblies on denatured DNA show unusual magnetic relaxivity and potential applications for MRI. <i>Chemical Communications</i> , 2004, , 2560.	4.1	60
180	Synthesis and characterisation of novel 3'â€²-O- and 5'â€²-O- modified azobenzene-thymidine phosphoramidites and their oligonucleotide conjugates as colorimeter DNA probes and FRET quenchers. <i>Tetrahedron Letters</i> , 2003, 44, 8571-8575.	1.4	15

#	ARTICLE	IF	CITATIONS
181	The Role of Glutathione Peroxidases in Trypanosomatids. <i>Biological Chemistry</i> , 2003, 384, 517-25.	2.5	45
182	The photophysics of fac-[Re(CO) ₃ (dppz)(py)] ⁺ in CH ₃ CN: a comparative picosecond flash photolysis, transient infrared, transient resonance Raman and density functional theoretical study Dedicated to the memory of Nobel Laureate, Lord George Porter FRSC FRS OM.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 542.	2.9	95
183	Growth of well-defined ZnO microparticles by hydroxide ion hydrolysis of zinc salts Electronic supplementary information (ESI) available: SEM images of initial precipitate and of particles formed by Method A. See http://www.rsc.org/suppdata/jm/b2/b211723c/ . <i>Journal of Materials Chemistry</i> , 2003, 13, 1196-1201.	6.7	202
184	The effect of processing conditions on varistors prepared from nanocrystalline ZnO. <i>Journal of Materials Chemistry</i> , 2003, 13, 2586-2590.	6.7	138
185	Nonlinear optical properties of metal and semiconductor nanoparticles. , 2003, 4876, 1257.		4
186	Ultrafast transient absorption studies of ruthenium and rhenium dipyrrophenazine complexes bound to DNA and polynucleotides. , 2003, , .		3
187	Picosecond transient absorption studies of dipyrrophenazine. , 2003, , .		4
188	The Trypanosoma cruzi Enzyme TcGPXI Is a Glycosomal Peroxidase and Can Be Linked to Trypanothione Reduction by Glutathione or Tryparedoxin. <i>Journal of Biological Chemistry</i> , 2002, 277, 17062-17071.	3.4	127
189	Femtosecond Electron-Transfer Reactions in Mono- and Polynucleotides and in DNA. <i>Journal of the American Chemical Society</i> , 2002, 124, 5518-5527.	13.7	78
190	Picosecond Coherent Vibrational Spectroscopy (CARS) of a DNA-Intercalating Ru Complex. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4854-4862.	2.6	27
191	Targeting of photooxidative damage on single-stranded DNA representing the bcr-abl chimeric gene using oligonucleotide-conjugates containing [Ru(phen) ₃] ²⁺ -like photosensitiser groups. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 1024.	2.9	26
192	Ultrafast Electron-Transfer Reactions between Thionine and Guanosine Bases. <i>Journal of the American Chemical Society</i> , 2001, 123, 6953-6954.	13.7	26
193	Preparation of magnetic nanoparticles and their assemblies using a new Fe(II) alkoxide precursor. <i>Journal of Materials Chemistry</i> , 2001, 11, 2937-2939.	6.7	43
194	The gametocyte-activating factor xanthurenic acid stimulates an increase in membrane-associated guanylyl cyclase activity in the human malaria parasite Plasmodium falciparum. <i>Molecular Microbiology</i> , 2001, 42, 553-560.	2.5	80
195	Spectroscopic studies of structurally similar DNA-binding Ruthenium (II) complexes containing the dipyrrophenazine ligand. <i>Journal of Molecular Structure</i> , 2001, 598, 15-25.	3.6	58
196	In Vitro and In Vivo Activities of Aminoadamantane and Aminoalkylcyclohexane Derivatives against Trypanosoma brucei. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1360-1366.	3.2	30
197	Biochemical characterization of a trypanosome enzyme with glutathione-dependent peroxidase activity. <i>Biochemical Journal</i> , 2000, 352, 755-761.	3.7	61
198	Transient resonance Raman investigation of excited states of [Ru(phen) ₂ dppz] ²⁺ and deuterated analogues in aqueous and non-aqueous environments. <i>Journal of Raman Spectroscopy</i> , 2000, 31, 283-288.	2.5	46

#	ARTICLE	IF	CITATIONS
199	A B-cell activator in Chagas disease. <i>Nature Medicine</i> , 2000, 6, 865-866.	30.7	10
200	Distinct Mitochondrial and Cytosolic Enzymes Mediate Trypanothione-dependent Peroxide Metabolism in <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2000, 275, 8220-8225.	3.4	149
201	Photophysical Study of DNA-Bound Complexes Containing Two Covalently linked [Ru(2,2'-bipyridine) ₃] ²⁺ -Like Centers. <i>Journal of Physical Chemistry B</i> , 2000, 104, 7206-7213.	2.6	57
202	The Anti-Influenza Virus Drug Rimantadine Has Trypanocidal Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 1999, 43, 985-987.	3.2	33
203	Transient Resonance Raman Studies of Ru(II) Complexes in DNA and in Homogeneous Media. <i>Laser Chemistry</i> , 1999, 19, 237-243.	0.5	1
204	Formation of a covalently-linked bimetallic compound upon irradiation of tris(1,4,5,8-tetraazaphenanthrene)ruthenium(II) in the presence of 5'-guanosine-monophosphate. <i>Inorganic Chemistry Communication</i> , 1999, 2, 135-138.	3.9	8
205	Heterologous Expression of A <i>Trypanosoma Cruzi</i> Surface Glycoprotein (Gp82) In Mammalian Cells Indicates the Existence of Different Signal Sequence Requirements and Processing. <i>Journal of Eukaryotic Microbiology</i> , 1999, 46, 557-565.	1.7	11
206	Photochemistry of substituted cyclic enones. Part 12.1 Photocycloaddition of 3-phenylcyclopentenone and 3-phenylcyclohexenone to (E)- and (Z)-1-phenylpropene. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1933-1941.	0.9	24
207	Binding of bimetallic 1,10-phenanthroline ruthenium(II) complexes to DNA. <i>New Journal of Chemistry</i> , 1998, 22, 215-217.	2.8	50
208	Photochemistry of substituted cyclic enones. Part 11.1 Synthesis and photophysics of 5-arylalkyl-3-phenylcyclopentenones. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 1635-1642.	0.9	3
209	Photochemistry of (1-6-arene)Mo(CO) ₃ and the Role of Alkane Solvents in Modifying the Reactions of Coordinatively Unsaturated Metal Carbonyl Fragments. <i>Organometallics</i> , 1998, 17, 3690-3695.	2.3	57
210	Comment on "Resonance Raman Investigation of [Ru(phen) ₂ (dppz) ₂] ⁺ and Related Complexes in Water and in the Presence of DNA". <i>Journal of Physical Chemistry B</i> , 1998, 102, 5941-5942.	2.6	18
211	Photophysics and photochemistry of metal polypyridyl and related complexes with nucleic acids. , 1998, , 163-216.		33
212	Photoinduced electron transfer between ruthenium complexes and nucleotides or DNA. <i>Pure and Applied Chemistry</i> , 1997, 69, 767-772.	1.9	21
213	Resonance Raman Probing of the Interaction between Dipyridophenazine Complexes of Ru(II) and DNA. <i>Journal of the American Chemical Society</i> , 1997, 119, 7130-7136.	13.7	110
214	Photoaddition of Ru(tap) ₂ (bpy) ₂ to DNA: A New Mode of Covalent Attachment of Metal Complexes to Duplex DNA. <i>Journal of the American Chemical Society</i> , 1997, 119, 11763-11768.	13.7	106
215	Overexpression of Cruzipain, the Major Cysteine Proteinase of <i>Trypanosoma cruzi</i> , is Associated with Enhanced Metacyclogenesis. <i>FEBS Journal</i> , 1997, 244, 596-603.	0.2	79
216	Photoreactions of ruthenium (II) and osmium (II) complexes with deoxyribonucleic acid (DNA). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1997, 40, 91-106.	3.8	137

#	ARTICLE	IF	CITATIONS
217	Photoinduced anionic polymerization of cyanoacrylates using substituted pyridine pentacarbonyl complexes of tungsten or chromium. <i>Polymer</i> , 1997, 38, 2011-2014.	3.8	21
218	Resonance-Raman probing of the interaction between dipyrrophenazine complexes of ruthenium(II) and DNA. <i>Chemical Communications</i> , 1996, , 35.	4.1	30
219	Interaction of a series of bimetallic ruthenium(II) bipyridyl complexes with DNA. <i>Chemical Communications</i> , 1996, , 1013.	4.1	46
220	Photoreactions of metal complexes with DNA, especially those involving a primary photo-electron transfer. <i>Topics in Current Chemistry</i> , 1996, , 25-76.	4.0	104
221	The interaction of methylene blue, azure B, and thionine with DNA: Formation of complexes with polynucleotides and mononucleotides as model systems. <i>Biopolymers</i> , 1995, 35, 419-433.	2.4	130
222	Photoadduct between tris(1,4,5,8-tetraazaphenanthrene)ruthenium(II) and guanosine monophosphate—a model for a new mode of covalent binding of metal complexes to DNA. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 913-914.	2.0	70
223	Interaction with DNA of Photoactive Viologens Based on the 6-(2-Pyridinium)phenanthridinium Structure. <i>Journal of Biomolecular Structure and Dynamics</i> , 1995, 12, 827-846.	3.5	14
224	Ruthenium(II) Complexes with 1,4,5,8,9,12-Hexaazatriphenylene and 1,4,5,8-Tetraazaphenanthrene Ligands: Key Role Played by the Photoelectron Transfer in DNA Cleavage and Adduct Formation. <i>Inorganic Chemistry</i> , 1995, 34, 6481-6491.	4.0	161
225	Photoaddition of ruthenium(II)-tris-1,4,5,8-tetraazaphenanthrene to DNA and mononucleotides. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1994, 23, 69-78.	3.8	64
226	Femtosecond deactivation of thionine singlet states by mononucleotides and polynucleotides. <i>Chemical Physics Letters</i> , 1994, 226, 517-524.	2.6	33
227	Phenotype of recombinant <i>Leishmania donovani</i> and <i>Trypanosoma cruzi</i> which over-express trypanothione reductase. Sensitivity towards agents that are thought to induce oxidative stress. <i>FEBS Journal</i> , 1993, 218, 29-37.	0.2	69
228	New trends in photobiology. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 21, 103-124.	3.8	317
229	Isolation of DNA and RNA from <i>Leishmania</i> . , 1993, 21, 123-132.		30
230	Intramolecular photocyclisation of molecules containing both 3-phenylcyclopentenone and uracil rings. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 231.	2.0	4
231	Laser pulse photolysis and transient infrared investigation into the effect of solvent or substituents (X) on the reactivity of photogenerated benzenechromium (.eta.6-C6H6-yXy)Cr(CO)2 intermediates. <i>Organometallics</i> , 1993, 12, 3127-3131.	2.3	59
232	Covalent linkage of ruthenium polypyridyl compounds to poly(L-lysine), albumins, and immunoglobulin G. <i>Bioconjugate Chemistry</i> , 1992, 3, 285-290.	3.6	25
233	A shuttle vector which facilitates the expression of transfected genes in <i>Trypanosoma cruzi</i> and <i>Leishmania</i> . <i>Nucleic Acids Research</i> , 1992, 20, 3963-3969.	14.5	206
234	Intramolecular electron transfer in peripherally metallated tetraphenyl porphyrin derivatives containing molybdenum mononitrosyl redox centres. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 497.	2.0	12

#	ARTICLE	IF	CITATIONS
235	PHOTOINDUCED ELECTRON TRANSFER FROM NUCLEOTIDES TO RUTHENIUM TRIS(1,4,5,8-TETRAAZAPHENANTHRENE): MODEL FOR PHOTOSENSITIZED DNA OXIDATION. <i>Photochemistry and Photobiology</i> , 1992, 55, 681-689.	2.5	109
236	Medium dependence of the spectroscopic and photophysical properties of Ru(bpy) ₂ (HAT) ₂ ⁺ . The effect of solvent, pH and binding to polyelectrolytes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991, 60, 27-45.	3.9	43
237	Identification and characterisation of a <i>Leishmania donovani</i> antigen belonging to the 70-kDa heat-shock protein family. <i>FEBS Journal</i> , 1990, 190, 377-384.	0.2	117
238	Uranyl ions in perfluorinated (Nafion and Flemion) membranes: spectroscopic and photophysical properties and reactions with potassium hydroxide. <i>Polymer</i> , 1990, 31, 387-394.	3.8	10
239	Photochemistry of substituted cyclic enones. Part 7. Flash photolysis of 3-phenylcyclopent-2-enones and 3-phenylcyclohex-2-enone. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 981.	0.9	3
240	Acid-base chemistry of polypyridyl ruthenium compounds of (pyridin-2-yl)-1,2,4-triazoles. X-Ray crystal structure of bis(2,2'-bipyridine)[3-methyl-5-(pyridin-2-yl)-1,2,4-triazolato-N1]ruthenium hexafluorophosphate tetrahydrate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 2425-2431.	1.1	42
241	Picosecond study of the luminescence and transient absorption of methylene blue-polynucleotide complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1346-1347.	2.0	17
242	LASER FLASH SPECTROSCOPY OF METHYLENE BLUE WITH NUCLEIC ACIDS. EFFECTS OF IONIC STRENGTH AND pH. <i>Photochemistry and Photobiology</i> , 1989, 49, 145-151.	2.5	18
243	A STUDY OF SOME POLYPYRIDYL RUTHENIUM(II) COMPLEXES AS DNA BINDERS AND PHOTOCLEAVAGE REAGENTS. <i>Photochemistry and Photobiology</i> , 1989, 49, 545-556.	2.5	176
244	Photoredox reactions of a positively charged water-soluble polymer containing covalently bound tris(2,2'-bipyridyl)ruthenium(II)-like centers: N-ethylated copolymers of 4-vinylpyridine and bis(2,2'-bipyridyl)(4-methyl-4'-vinyl-2,2'-bipyridyl)ruthenium(II). <i>The Journal of Physical Chemistry</i> , 1989, 93, 5735-5740.	2.9	17
245	Characterization of a <i>Leishmania donovani</i> antigen similar to heat shock protein 70. <i>Biochemical Society Transactions</i> , 1989, 17, 168-169.	3.4	4
246	PHOTOLYSIS OF PHOSPHODIESTER BONDS IN PLASMID DNA BY HIGH INTENSITY UV LASER IRRADIATION. <i>Photochemistry and Photobiology</i> , 1988, 47, 527-536.	2.5	66
247	Picosecond optical phase conjugation using conjugated organic molecules. <i>Chemical Physics</i> , 1988, 121, 21-39.	1.9	59
248	Genes encoding glyceraldehyde-3-phosphate dehydrogenase in <i>Trypanosoma cruzi</i> . <i>Biochemical Society Transactions</i> , 1988, 16, 1067-1067.	3.4	1
249	Methylene blue photosensitised strand cleavage of DNA: effects of dye binding and oxygen. <i>Nucleic Acids Research</i> , 1987, 15, 7411-7427.	14.5	128
250	Base-specific photocleavage of DNA induced by nanosecond U.V. pulsed laser radiation or methylene blue sensitisation. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 751.	2.0	22
251	Ruthenium polypyridyl complexes; their interaction with DNA and their role as sensitisers for its photocleavage. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1821.	2.0	100
252	Laser flash photolysis of 3-phenylcyclopent-2-enone: absorption spectrum and reactivity of its triplet excited state. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 280.	2.0	2

#	ARTICLE	IF	CITATIONS
253	Structure and reactivity of $(\eta^5\text{-C}_5\text{H}_5)\text{Mn}(\text{CO})_2$ in room-temperature solution. Evidence for formation of a dinuclear intermediate detected by flash photolysis and time-resolved infrared spectroscopy. <i>Organometallics</i> , 1987, 6, 2600-2605.	2.3	70
254	One-dimensional photoconductivity in DNA. <i>Chemical Physics Letters</i> , 1987, 141, 489-492.	2.6	14
255	LASER FLASH SPECTROSCOPY OF METHYLENE BLUE WITH NUCLEIC ACIDS. <i>Photochemistry and Photobiology</i> , 1987, 45, 167-175.	2.5	67
256	Preparation, characterization and catalytic properties of perfluorosulfonated ion-exchange membranes containing surface-concentrated, hydrated ruthenium oxide particles. <i>Journal of Membrane Science</i> , 1986, 29, 239-257.	8.2	16
257	Preparation, spectroscopic characterisation, electrochemical and photochemical properties of cis-bis(2,2'-bipyridyl)ruthenium(II) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 253-258.	1.1	44
258	Preparation and photochemical properties of water-soluble polymers with pendant tris(2,2'-bipyridyl)ruthenium(II) groups. N-Ethylated copolymers of vinylpyridine and cis-bis(2,2'-bipyridyl)(4-methyl-4'-vinyl-2,2'-bipyridyl)ruthenium(II). <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 2485-2491.	1.1	14
259	Synthesis, characterisation, electrochemical properties, photochemical properties, and reactivity of bis(2,2'-bipyridyl)hydridoruthenium complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1986, , 1045-1048.	1.1	12
260	Reverse saturable absorption in tetraphenylporphyrins. <i>Optics Communications</i> , 1985, 56, 25-29.	2.1	281
261	A study of the interactions of some polypyridylruthenium(II) complexes with DNA using fluorescence spectroscopy, topoisomerisation and thermal denaturation. <i>Nucleic Acids Research</i> , 1985, 13, 6017-6034.	14.5	846
262	I.r.-monitored flash photolysis of $\text{Fe}(\text{CO})_5$ in benzene solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 594-596.	2.0	18
263	A comparative study of the interaction of 5,10,15,20-tetrakis (N-methylpyridinium-4-yl)porphyrin and its zinc complex with DNA using fluorescence spectroscopy and topoisomerisation. <i>Nucleic Acids Research</i> , 1985, 13, 167-184.	14.5	227
264	The crystal and molecular structure of tetracarbonyl(6-p-styryl-2,2'-bipyridyl)tungsten(0). An examination of the affect of a bulky group R to one coordinating nitrogen atom in a bidentate ligand. <i>Journal of Organometallic Chemistry</i> , 1984, 272, 385-390.	1.8	4
265	A Mössbauer study of polymers prepared from polyvinylpyridine and ferric chloride or ferric nitrate. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1984, 22, 303-318.	0.8	19
266	Photochemical properties of cis- and trans-1,2-diphenylethenyl-trimethyltin(IV) and cis-1,2-diphenylpropenyl-trimethyltin(IV) : organometallic derivatives of stilbene. <i>Journal of the Chemical Society Dalton Transactions</i> , 1984, , 909.	1.1	3
267	Polyvinylpyridine complexes of ruthenium(III) chloride. <i>Die Makromolekulare Chemie</i> , 1983, 184, 613-625.	1.1	28
268	Preparation, spectroscopic characterization, and photochemical and electrochemical properties of some bis(2,2'-bipyridyl)ruthenium(II) and tetracarbonyltungsten(0) complexes of 6-p-tolyl-2,2'-bipyridyl and of 6-p-styryl-2,2'-bipyridyl and its copolymers. <i>Inorganic Chemistry</i> , 1983, 22, 2818-2824.	4.0	58
269	Synthesis, properties, and X-ray crystal and molecular structures of homoleptic alkenyls of tin and chromium. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 671.	1.1	10
270	Laser flash photolysis of $\text{M}(\text{CO})_6$ (M = Cr, Mo, or W) in perfluoromethylcyclohexane. The generation of highly reactive coordinatively unsaturated species. <i>The Journal of Physical Chemistry</i> , 1983, 87, 3344-3349.	2.9	81

#	ARTICLE	IF	CITATIONS
271	C.I.D.N.P. enhancement of both organometallic and organic compounds in the thermal reaction of $[\text{Ti}(\text{CH}_2\text{Ph})\text{Cl}(\hat{\text{i}}\text{-C}_5\text{H}_5)_2]$ with CCl_4 . <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 228-229.	2.0	2
272	cis-[Ru(bpy) $_2$ (CO)H] $^+$? A Possible Intermediate in the Photochemical Production of H_2 from Water Catalyzed by $[\text{Ru}(\text{bpy})_3]^{2+}$?. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 628-629.	4.4	33
273	64, L75-L76.	2.4	46
274	Dicarbonyl(methylcyclopentadienyl)manganese complexes of 4-vinylpyridine. <i>Journal of Organometallic Chemistry</i> , 1982, 231, C9-C11.	1.8	9
275	Group via metal pentacarbonyl complexes of 2- and 4-vinylpyridine and their copolymers. preparation, spectroscopic characterisation and photochemical properties. <i>Journal of Organometallic Chemistry</i> , 1982, 235, 315-326.	1.8	4
276	cis-[Ru(bpy) $_2$ (CO)H] $^+$ - eine mögliche Zwischenstufe bei der $[\text{Ru}(\text{bpy})_3]^{2+}$ -katalysierten photochemischen H_2 -Entwicklung aus Wasser?. <i>Angewandte Chemie</i> , 1982, 94, 644-645.	2.0	7
277	Group VI metal pentacarbonyl complexes of 1,2,4-triazoles. <i>Journal of Organometallic Chemistry</i> , 1981, 221, 165-176.	1.8	16
278	Isolation, structure, chemistry, and photochemistry of cis-bis(2,2'-bipyridyl)carbonylchlororuthenium(II) perchlorate. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 750-751.	2.0	60
279	Flash photolysis of chromium hexacarbonyl in perfluorocarbon solvents. Observation of a highly reactive chromium pentacarbonyl. <i>Journal of the American Chemical Society</i> , 1980, 102, 1220-1221.	13.7	69
280	Preparation, reactions and photoreaction of Bis(bipyridyl)poly-4-vinylpyridineruthenium(II) complexes. <i>Inorganica Chimica Acta</i> , 1979, 33, L139-L140.	2.4	34
281	Homoleptic alkenyls of the early transition metals and related compounds. <i>Journal of Organometallic Chemistry</i> , 1977, 132, C23-C25.	1.8	19
282	The Comparative Photochemical Behaviour of Dibenzenechromium and Benzenetricarbonyl Chromium. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1976, 31, 1091-1095.	0.7	26
283	Pentacarbonylchromium-solvent complexes. <i>Journal of Organometallic Chemistry</i> , 1974, 69, 259-269.	1.8	75
284	Observation of pentacarbonylchromium on flash photolysis of hexacarbonylchromium in cyclohexane solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 105.	2.0	49
285	The interaction of photo-excited chlorophyll a with duroquinone, $\hat{\text{i}}\pm$ -tocopherylquinone and vitamin K 1. <i>Proceedings of the Royal Society of London Series A, Mathematical and Physical Sciences</i> , 1970, 319, 319-329.	1.4	43
286	Photochemistry. II. Photoaddition reactions of norbornadiene with 2-cyclohexenones. <i>Journal of Organic Chemistry</i> , 1969, 34, 2933-2943.	3.2	8
287	The Photoaddition of 2-Cyclohexenone and Norbornadiene. 1 Studies in Photochemistry. I. <i>Journal of the American Chemical Society</i> , 1966, 88, 5935-5937.	13.7	2