

# John M Kelly

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

285  
papers

13,448  
citations

61  
h-index

104  
g-index

302  
ext. papers

14,415  
ext. citations

6.5  
avg, IF

6.32  
L-index

#	Paper	IF	Citations
285	Probing Adamantane Arylhydroxamic Acids against <i>Trypanosoma brucei</i> and <i>Trypanosoma cruzi</i> . <i>MolBank</i> , <b>2022</b> , 2022, M1363	0.5	
284	Incomplete recruitment of protective T cells is associated with persistence in the mouse colon. <i>Infection and Immunity</i> , <b>2021</b> , IAI0038221	3.7	1
283	Bioluminescent:Fluorescent <i>Trypanosoma cruzi</i> Reporter Strains as Tools for Exploring Chagas Disease Pathogenesis and Drug Activity. <i>Current Pharmaceutical Design</i> , <b>2021</b> , 27, 1733-1740	3.3	1
282	Image-Based In Vitro Screening Reveals the Trypanostatic Activity of Hydroxymethylnitrofurazone against. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
281	Synthesis, antiproliferative and antitrypanosomal activities, and DNA binding of novel 6-amidino-2-arylbenzothiazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 1952-1967 <sup>5,6</sup>	5.6	0
280	Adenine Radical Cation Formation by a Ligand-Centered Excited State of an Intercalated Chromium Polypyridyl Complex Leads to Enhanced DNA Photo-oxidation. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 14766-14779	16.4	6
279	Local association of <i>Trypanosoma cruzi</i> chronic infection foci and enteric neuropathic lesions at the tissue micro-domain scale. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1009864	7.6	0
278	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.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 6664-6681	4.1	3
277	Design and synthesis of Mannich base-type derivatives containing imidazole and benzimidazole as lead compounds for drug discovery in Chagas Disease. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 223, 113646	6.8	1
276	Challenges in Chagas Disease Drug Development. <i>Molecules</i> , <b>2020</b> , 25,	4.8	17
275	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> , <b>2020</b> , 14, e0008007 <sup>4,8</sup>	4.8	13
274	Lipophilic Guanylhydrazone Analogues as Promising Trypanocidal Agents: An Extended SAR Study. <i>Current Pharmaceutical Design</i> , <b>2020</b> , 26, 838-866	3.3	2
273	Water-soluble amphiphilic ruthenium(ii) polypyridyl complexes as potential light-activated therapeutic agents. <i>Chemical Communications</i> , <b>2020</b> , 56, 9332-9335	5.8	7
272	amastigotes that persist in the colon during chronic stage murine infections have a reduced replication rate. <i>Open Biology</i> , <b>2020</b> , 10, 200261	7	8
271	Synthesis and evaluation of novel 2,4-disubstituted arylthiazoles against. <i>RSC Medicinal Chemistry</i> , <b>2020</b> , 11, 72-84	3.5	8
270	Design, synthesis, antitrypanosomal activity, DNA/RNA binding and in vitro ADME profiling of novel imidazoline-substituted 2-arylbenzimidazoles. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 207, 112802 <sup>6,8</sup>	6.8	2
269	Re-evaluating pretomanid analogues for Chagas disease: Hit-to-lead studies reveal both in vitro and in vivo trypanocidal efficacy. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 207, 112849	6.8	3

268	Functionalisation of gold nanoparticles with ruthenium(II) polypyridyl complexes for their application in cellular imaging. <i>Dalton Transactions</i> , <b>2020</b> , 49, 14158-14168	4.3	2
267	The influence of loops on the binding of the [Ru(phen)dppz] light-switch compound to i-motif DNA structures revealed by time-resolved spectroscopy. <i>Chemical Communications</i> , <b>2020</b> , 56, 9703-9706	5.8	3
266	Caught in the Loop: Binding of the [Ru(phen) (dppz)] Light-Switch Compound to Quadruplex DNA in Solution Informed by Time-Resolved Infrared Spectroscopy. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 17103-17109	4.8	5
265	Non-invasive monitoring of drug action: A new live in vitro assay design for Chagas' disease drug discovery. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008487	4.8	3
264	Analysis of Trypanosoma cruzi Persistence Foci at Single-Cell Resolution. <i>MBio</i> , <b>2020</b> , 11,	7.8	15
263	A conceptual change in crystallisation mechanisms of oxide materials from solutions in closed systems. <i>Scientific Reports</i> , <b>2020</b> , 10, 18414	4.9	1
262	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> , <b>2020</b> , 11, 8600-8609	9.4	4
261	Drug-cured experimental Trypanosoma cruzi infections confer long-lasting and cross-strain protection. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0007717	4.8	10
260	Synthesis and Evaluation of Nifurtimox-Adamantane Adducts with Trypanocidal Activity. <i>ChemMedChem</i> , <b>2019</b> , 14, 1227-1231	3.7	4
259	Scaffold hybridization strategy towards potent hydroxamate-based inhibitors of viruses and species. <i>MedChemComm</i> , <b>2019</b> , 10, 991-1006	5	4
258	Exploiting Genetically Modified Dual-Reporter Strains to Monitor Experimental Trypanosoma cruzi Infections and Host-Parasite Interactions. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1955, 147-163	1.4	11
257	Synthesis of diphenoxyadamantane alkylamines with pharmacological interest. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 1278-1281	2.9	7
256	Novel 2,6-diketopiperazine-derived acetohydroxamic acids as promising anti- agents. <i>Future Medicinal Chemistry</i> , <b>2019</b> , 11, 1259-1266	4.1	2
255	Drug Discovery for Kinetoplastid Diseases: Future Directions. <i>ACS Infectious Diseases</i> , <b>2019</b> , 5, 152-157	5.5	49
254	Spectro-electrochemical Studies on [Ru(TAP)(dppz)]-Insights into the Mechanism of its Photosensitized Oxidation of Oligonucleotides. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 663-671	5.1	7
253	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> , <b>2018</b> , 364, 137-154	23.2	19
252	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> , <b>2018</b> , 91, 408-421	2.9	8
251	Imaging the development of chronic Chagas disease after oral transmission. <i>Scientific Reports</i> , <b>2018</b> , 8, 11292	4.9	25

250	Optimising genetic transformation of <i>Trypanosoma cruzi</i> using hydroxyurea-induced cell-cycle synchronisation. <i>Molecular and Biochemical Parasitology</i> , <b>2018</b> , 226, 34-36	1.9	5
249	Tetrasubstituted Imidazolium Salts as Potent Antiparasitic Agents against African and American Trypanosomiases. <i>Molecules</i> , <b>2018</b> , 23,	4.8	4
248	Assessing the Effectiveness of Curative Benznidazole Treatment in Preventing Chronic Cardiac Pathology in Experimental Models of Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	14
247	Synthesis and Biological Evaluation of Heteroarylnonanenitriles as Potential Antitrypanosomal Agents: Serendipitous Discovery of Novel Anticholinesterase Hits. <i>Letters in Organic Chemistry</i> , <b>2018</b> , 15, 455-461	0.6	
246	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> , <b>2018</b> , 74, 861-876	5.5	6
245	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> , <b>2018</b> , 33, 1323-1334	5.6	12
244	Photochemically active DNA-intercalating ruthenium and related complexes - insights by combining crystallography and transient spectroscopy. <i>Chemical Science</i> , <b>2017</b> , 8, 4705-4723	9.4	47
243	Inosine Can Increase DNA's Susceptibility to Photo-oxidation by a Ru Complex due to Structural Change in the Minor Groove. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10344-10351	4.8	17
242	Solar photocatalytic disinfection of <i>E. coli</i> and bacteriophages MS2, $\Phi$ 174 and PR772 using TiO <sub>2</sub> , ZnO and ruthenium based complexes in a continuous flow system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2017</b> , 170, 79-90	6.7	26
241	Genome-wide mutagenesis and multi-drug resistance in American trypanosomes induced by the front-line drug benznidazole. <i>Scientific Reports</i> , <b>2017</b> , 7, 14407	4.9	31
240	Biological factors that impinge on Chagas disease drug development. <i>Parasitology</i> , <b>2017</b> , 144, 1871-1880	2.7	31
239	Discovery and Optimization of 5-Amino-1,2,3-triazole-4-carboxamide Series against <i>Trypanosoma cruzi</i> . <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7284-7299	8.3	22
238	The development of ruthenium(ii) polypyridyl complexes and conjugates for in vitro cellular and in vivo applications. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 7706-7756	58.5	240
237	Synthesis and biological evaluation of N-cyanoalkyl-, N-aminoalkyl-, and N-guanidinoalkyl-substituted 4-aminoquinoline derivatives as potent, selective, brain permeable antitrypanosomal agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 5162-5171	3.4	8
236	Nitroheterocyclic drugs cure experimental <i>Trypanosoma cruzi</i> infections more effectively in the chronic stage than in the acute stage. <i>Scientific Reports</i> , <b>2016</b> , 6, 35351	4.9	53
235	Luminescent ruthenium polypyridyl complexes with extended 'dppz' like ligands as DNA targeting binders and cellular agents. <i>Dalton Transactions</i> , <b>2016</b> , 45, 18208-18220	4.3	29
234	Direct observation by time-resolved infrared spectroscopy of the bright and the dark excited states of the [Ru(phen)(dppz)] light-switch compound in solution and when bound to DNA. <i>Chemical Science</i> , <b>2016</b> , 7, 3075-3084	9.4	43
233	Insertion of Isocyanides into N-Si Bonds: Multicomponent Reactions with Azines Leading to Potent Antiparasitic Compounds. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 8994-8	16.4	19

232	Ground and excited state interactions of metalloporphyrin PtTMPyP4 with polynucleotides [poly(dG-dC)] <sub>2</sub> and [poly(dA-dT)] <sub>2</sub> . <i>Photochemical and Photobiological Sciences</i> , <b>2016</b> , 15, 980-7	4.2	3
231	Insertion of Isocyanides into NBi Bonds: Multicomponent Reactions with Azines Leading to Potent Antiparasitic Compounds. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 9140-9144	3.6	5
230	Long-Lived Excited-State Dynamics of i-Motif Structures Probed by Time-Resolved Infrared Spectroscopy. <i>ChemPhysChem</i> , <b>2016</b> , 17, 1281-7	3.2	10
229	New hydrazones of 5-nitro-2-furaldehyde with adamantanealkanohydrazides: synthesis and in vitro trypanocidal activity. <i>MedChemComm</i> , <b>2016</b> , 7, 1229-1236	5	9
228	Putting Infection Dynamics at the Heart of Chagas Disease. <i>Trends in Parasitology</i> , <b>2016</b> , 32, 899-911	6.4	53
227	Host and parasite genetics shape a link between <i>Trypanosoma cruzi</i> infection dynamics and chronic cardiomyopathy. <i>Cellular Microbiology</i> , <b>2016</b> , 18, 1429-43	3.9	52
226	Limited Ability of Posaconazole To Cure both Acute and Chronic <i>Trypanosoma cruzi</i> Infections Revealed by Highly Sensitive In Vivo Imaging. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4653-61	5.9	101
225	The <i>Trypanosoma cruzi</i> vitamin C dependent peroxidase confers protection against oxidative stress but is not a determinant of virulence. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003707	4.8	26
224	Monitoring guanine photo-oxidation by enantiomerically resolved Ru(II) dipyridophenazine complexes using inosine-substituted oligonucleotides. <i>Faraday Discussions</i> , <b>2015</b> , 185, 455-69	3.6	12
223	Multicomponent reaction-based synthesis and biological evaluation of tricyclic heterofused quinolines with multi-trypanosomatid activity. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 105, 120-37	6.8	41
222	Monitoring one-electron photo-oxidation of guanine in DNA crystals using ultrafast infrared spectroscopy. <i>Nature Chemistry</i> , <b>2015</b> , 7, 961-7	17.6	55
221	Reversal of a Single Base-Pair Step Controls Guanine Photo-Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8484-8488	3.6	12
220	Natural and artificial photosynthesis: general discussion. <i>Faraday Discussions</i> , <b>2015</b> , 185, 187-217	3.6	3
219	Reply to "Drug Susceptibility of Genetically Engineered <i>Trypanosoma cruzi</i> Strains and Sterile Cure in Animal Models as a Criterion for Potential Clinical Efficacy of Anti-T. cruzi Drugs". <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 7925	5.9	2
218	Luminescence sensing and imaging: general discussion. <i>Faraday Discussions</i> , <b>2015</b> , 185, 311-35	3.6	2
217	Self-organization of photo-active nanostructures: general discussion. <i>Faraday Discussions</i> , <b>2015</b> , 185, 529-48	3.6	2
216	Reversal of a Single Base-Pair Step Controls Guanine Photo-Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8364-8	16.4	29
215	A new experimental model for assessing drug efficacy against <i>Trypanosoma cruzi</i> infection based on highly sensitive in vivo imaging. <i>Journal of Biomolecular Screening</i> , <b>2015</b> , 20, 36-43		62

214	Enantiomeric Conformation Controls Rate and Yield of Photoinduced Electron Transfer in DNA Sensitized by Ru(II) Dipyridophenazine Complexes. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 734-8	6.4	26
213	Synthesis, biological profiling and mechanistic studies of 4-aminoquinoline-based heterodimeric compounds with dual trypanocidal-antiplasmodial activity. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 5156-67	3.4	11
212	Preparation of saline-stable, silica-coated triangular silver nanoplates of use for optical sensing. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 415, 77-84	9.3	39
211	Optimizing bioluminescence imaging to study protozoan parasite infections. <i>Trends in Parasitology</i> , <b>2014</b> , 30, 161-2	6.4	10
210	Supramolecular approach to enantioselective DNA recognition using enantiomerically resolved cationic 4-amino-1,8-naphthalimide-based Tröger's bases. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 9272-83 <sup>4.2</sup>		34
209	Wash-free highly sensitive detection of C-reactive protein using gold derivatised triangular silver nanoplates. <i>RSC Advances</i> , <b>2014</b> , 4, 29022-29031	3.7	17
208	Benznidazole-resistance in <i>Trypanosoma cruzi</i> : evidence that distinct mechanisms can act in concert. <i>Molecular and Biochemical Parasitology</i> , <b>2014</b> , 193, 17-9	1.9	58
207	Study of picosecond processes of an intercalated dipyridophenazine Cr(III) complex bound to defined sequence DNAs using transient absorption and time-resolved infrared methods. <i>Dalton Transactions</i> , <b>2014</b> , 43, 17606-9	4.3	8
206	Controlled dehydration of a ruthenium complex-DNA crystal induces reversible DNA kinking. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 17505-12	16.4	20
205	Bioluminescence imaging of chronic <i>Trypanosoma cruzi</i> infections reveals tissue-specific parasite dynamics and heart disease in the absence of locally persistent infection. <i>Cellular Microbiology</i> , <b>2014</b> , 16, 1285-300	3.9	151
204	Long-lived excited states in i-motif DNA studied by picosecond time-resolved IR spectroscopy. <i>Chemical Communications</i> , <b>2014</b> , 50, 2990-2	5.8	22
203	Efficient quenching of TGA-capped CdTe quantum dot emission by a surface-coordinated europium(III) cyclen complex. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 4133-5	5.1	18
202	The effect of the 4-amino functionality on the photophysical and DNA binding properties of alkyl-pyridinium derived 1,8-naphthalimides. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 5642-55	3.9	45
201	Evidence that transport of iron from the lysosome to the cytosol in African trypanosomes is mediated by a mucolipin orthologue. <i>Molecular Microbiology</i> , <b>2013</b> , 89, 420-32	4.1	17
200	X-ray crystal structure of rac-[Ru(phen)2dppz]2+ with d(ATGCAT)2 shows enantiomer orientations and water ordering. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 12652-9	16.4	74
199	Synthesis, spectroscopic and biological studies of a fluorescent Pt(II) (terpy) based 1,8-naphthalimide conjugate as a DNA targeting agent. <i>Chemical Communications</i> , <b>2013</b> , 49, 8522-4	5.8	78
198	Recent advances in the development of 1,8-naphthalimide based DNA targeting binders, anticancer and fluorescent cellular imaging agents. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 1601-18	58.5	472
197	Advances in the synthesis of ZnO nanomaterials for varistor devices. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 3268	7.1	118

196	Synthesis and trypanocidal action of new adamantane substituted imidazolines. <i>MedChemComm</i> , <b>2013</b> , 4, 856	5	10
195	Oligonucleotide Functionalization of Hollow Triangular Gold Silver Alloy Nanoboxes. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 669-676	3.8	6
194	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> , <b>2013</b> , 4, 2739-2744	6.4	68
193	Highly sensitive in vivo imaging of <i>Trypanosoma brucei</i> expressing "red-shifted" luciferase. <i>PLoS Neglected Tropical Diseases</i> , <b>2013</b> , 7, e2571	4.8	47
192	Genetic dissection of drug resistance in trypanosomes. <i>Parasitology</i> , <b>2013</b> , 140, 1478-91	2.7	40
191	Synthesis of benzopolycyclic cage amines: NMDA receptor antagonist, trypanocidal and antiviral activities. <i>Bioorganic and Medicinal Chemistry</i> , <b>2012</b> , 20, 942-8	3.4	15
190	Inhibitors of human histone deacetylase with potent activity against the African trypanosome <i>Trypanosoma brucei</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 1886-90	2.9	23
189	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> , <b>2012</b> , 14, 6307-11	3.6	11
188	Photophysical studies of CdTe quantum dots in the presence of a zinc cationic porphyrin. <i>Dalton Transactions</i> , <b>2012</b> , 41, 13159-66	4.3	26
187	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> , <b>2012</b> , 10, 3033-43	3.9	57
186	Crystal structures of $[\text{Ru}(\text{phen})\text{ppz}]^{2+}$ with oligonucleotides containing TA/TA and AT/AT steps show two intercalation modes. <i>Nature Chemistry</i> , <b>2012</b> , 4, 621-8	17.6	164
185	Centromere-associated repeat arrays on <i>Trypanosoma brucei</i> chromosomes are much more extensive than predicted. <i>BMC Genomics</i> , <b>2012</b> , 13, 29	4.5	20
184	Surface promoted redox cationic polymerization of epoxy monomers catalyzed by silver salts. <i>Journal of Polymer Science Part A</i> , <b>2012</b> , 50, 2957-2966	2.5	5
183	Picosecond to Millisecond Transient Absorption Spectroscopy of Broad-Band Emitting Chiral CdSe Quantum Dots. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 16226-16232	3.8	15
182	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> , <b>2012</b> , 206, 220-8	7	82
181	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> , <b>2012</b> , 14, 3681-92	3.6	17
180	Triangular Silver Nanoparticles: Their Preparation, Functionalisation and Properties. <i>Acta Physica Polonica A</i> , <b>2012</b> , 122, 337-345	0.6	25
179	Genetic techniques in <i>Trypanosoma cruzi</i> . <i>Advances in Parasitology</i> , <b>2011</b> , 75, 231-50	3.2	17

178	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> , <b>2011</b> , 54, 5250-4	8.3	30
177	Transient spectroscopy of dipyrrophenazine metal complexes which undergo photo-induced electron transfer with DNA. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2666-2675	23.2	57
176	Scaling of Surface Plasmon Resonances in Triangular Silver Nanoplate Sols for Enhanced Refractive Index Sensing. <i>Plasmonics</i> , <b>2011</b> , 6, 351-362	2.4	19
175	Triplet-state dynamics of a metalloporphyrin photosensitizer (PtTMPyP4) in the presence of halides and purine mononucleotides. <i>Photochemical and Photobiological Sciences</i> , <b>2011</b> , 10, 1578-86	4.2	22
174	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) <sub>3</sub> (F2dppz)(py)] <sup>+</sup> bound to either [poly(dA-dT)] <sub>2</sub> or [poly(dG-dC)] <sub>2</sub> . <i>Photochemical and Photobiological Sciences</i> , <b>2011</b> , 10, 1355-64	4.2	30
173	A comparative picosecond transient infrared study of 1-methylcytosine and 5'-dCMP that sheds further light on the excited states of cytosine derivatives. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 4212-5	16.4	39
172	Trypanocidal activity of nitroaromatic prodrugs: current treatments and future perspectives. <i>Current Topics in Medicinal Chemistry</i> , <b>2011</b> , 11, 2072-84	3	96
171	Centromere-associated topoisomerase activity in bloodstream form <i>Trypanosoma brucei</i> . <i>Nucleic Acids Research</i> , <b>2011</b> , 39, 1023-33	20.1	32
170	Structure determination of an intercalating ruthenium dipyrrophenazine 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> , <b>2011</b> , 108, 17610-4	11.5	107
169	Versatile solution phase triangular silver nanoplates for highly sensitive plasmon resonance sensing. <i>ACS Nano</i> , <b>2010</b> , 4, 55-64	16.7	129
168	Understanding the DNA binding of novel non-symmetrical guanidinium/2-aminoimidazolium derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 5558-67	3.9	32
167	Substituted dipyrrophenazine complexes of Cr(III): synthesis, enantiomeric resolution and binding interactions with calf thymus DNA. <i>Dalton Transactions</i> , <b>2010</b> , 39, 3990-8	4.3	35
166	Synthesis and spectroscopic studies of chiral CdSe quantum dots. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 8350		80
165	Excited state behaviour of substituted dipyrrophenazine Cr(III) complexes in the presence of nucleic acids. <i>Photochemical and Photobiological Sciences</i> , <b>2010</b> , 9, 1196-202	4.2	12
164	Synthesis of Anisotropic Noble Metal Nanoparticles <b>2010</b> , 295-362		2
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33	Laser flash spectroscopy of methylene blue with nucleic acids. <i>Photochemistry and Photobiology</i> , <b>1987</b> , 45, 167-75	3.6	62
32	Preparation, characterization and catalytic properties of perfluorosulfonated ion-exchange membranes containing surface-concentrated, hydrated ruthenium oxide particles. <i>Journal of Membrane Science</i> , <b>1986</b> , 29, 239-257	9.6	15
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27	A study of the interactions of some polypyridylruthenium (II) complexes with DNA using fluorescence spectroscopy, topoisomerisation and thermal denaturation. <i>Nucleic Acids Research</i> , <b>1985</b> , 13, 6017-34	20.1	771
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25	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> , <b>1985</b> , 13, 167-84	20.1	205
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21	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> , <b>1983</b> , 22, 2818-2824	5.1	49
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11	Flash photolysis of chromium hexacarbonyl in perfluorocarbon solvents. Observation of a highly reactive chromium pentacarbonyl. <i>Journal of the American Chemical Society</i> , <b>1980</b> , 102, 1220-1221	16.4	65
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3	In vivo analysis of Trypanosoma cruzi persistence foci at single cell resolution		2
2	Trypanosoma cruzi amastigotes have a reduced replication rate during chronic stage infections		1
1	Incomplete recruitment of protective T cells facilitates Trypanosoma cruzi persistence in the mouse colon		1