James P Hall

List of Publications by Year
in descending order

30 papers	981 citations	516710 16 h-index	552781 26 g-index
31 all docs	31 docs citations	31 times ranked	981 citing authors

#	Article	IF	Citations
1	Ruthenium Polypyridyl Complex Bound to a Unimolecular Chair-Form G-Quadruplex. Journal of the American Chemical Society, 2022, 144, 5956-5964.	13.7	28
2	Exploring the Perception of Additional Information Content in 360Â° 3D VR Video for Teaching and Learning. , 2022, 1, 1-17.		4
3	An LNA-amide modification that enhances the cell uptake and activity of phosphorothioate exon-skipping oligonucleotides. Nature Communications, 2022, 13, .	12.8	16
4	The influence of loops on the binding of the [Ru(phen)₂dppz]²⁺ light-switch compound to i-motif DNA structures revealed by time-resolved spectroscopy. Chemical Communications, 2020, 56, 9703-9706.	4.1	8
5	Three thymine/adenine binding modes of the ruthenium complex Î›-[Ru(TAP)2(dppz)]2+ to the G-quadruplex forming sequence d(TAGGGTT) shown by X-ray crystallography. Chemical Communications, 2019, 55, 9116-9119.	4.1	17
6	Structural Studies Reveal Enantiospecific Recognition of a DNA Gâ€Quadruplex by a Ruthenium Polypyridyl Complex. Angewandte Chemie, 2019, 131, 9986-9990.	2.0	6
7	Structural Studies Reveal Enantiospecific Recognition of a DNA Gâ€Quadruplex by a Ruthenium Polypyridyl Complex. Angewandte Chemie - International Edition, 2019, 58, 9881-9885.	13.8	40
8	Stabilization of Long-Looped i-Motif DNA by Polypyridyl Ruthenium Complexes. Frontiers in Chemistry, 2019, 7, 744.	3.6	13
9	Solid-phase synthesis and structural characterisation of phosphoroselenolate-modified DNA: a backbone analogue which does not impose conformational bias and facilitates SAD X-ray crystallography. Chemical Science, 2019, 10, 10948-10957.	7.4	10
10	Xâ€ray Crystal Structures Show DNA Stacking Advantage of Terminal Nitrile Substitution in Ruâ€dppz Complexes. Chemistry - A European Journal, 2018, 24, 15859-15867.	3.3	16
11	Structural Studies of DNA-binding Metal Complexes of Therapeutic Importance. Chemical Biology, 2018, , 198-227.	0.2	6
12	Guanine Can Direct Binding Specificity of Ruâ€“dipyridophenazine (dppz) Complexes to DNA through Steric Effects. Chemistry - A European Journal, 2017, 23, 4981-4985.	3.3	20
13	Inosine Can Increase DNAâ€²s Susceptibility to Photoâ€oxidation by a RuIIComplex due to Structural Change in the Minor Groove. Chemistry - A European Journal, 2017, 23, 10344-10351.	3.3	18
14	Delta chirality ruthenium â€˜light-switchâ€™ complexes can bind in the minor groove of DNA with five different binding modes. Nucleic Acids Research, 2016, 44, 9472-9482.	14.5	39
15	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
16	DNA I-motifs: beyond the double helix. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s239-s240.	0.1	0
17	Reversal of a Single Baseâ€Pair Step Controls Guanine Photoâ€Oxidation by an Intercalating Ruthenium(II) Dipyridophenazine Complex. Angewandte Chemie - International Edition, 2015, 54, 8364-8368.	13.8	32
18	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

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19	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
20	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
21	The importance of loop length on the stability of i-motif structures. Chemical Communications, 2015, 51, 5630-5632.	4.1	98
22	The Structural Effect of Methyl Substitution on the Binding of Polypyridyl Ruâ€“dppz Complexes to DNA. Organometallics, 2015, 34, 2481-2486.	2.3	25
23	Monitoring guanine photo-oxidation by enantiomerically resolved Ru(<scp>ii</scp>) dipyridophenazine complexes using inosine-substituted oligonucleotides. Faraday Discussions, 2015, 185, 455-469.	3.2	12
24	Monitoring one-electron photo-oxidation of guanine in DNA crystals using ultrafast infrared spectroscopy. Nature Chemistry, 2015, 7, 961-967.	13.6	59
25	Controlled Dehydration of a Ruthenium Complexâ€“DNA Crystal Induces Reversible DNA Kinking. Journal of the American Chemical Society, 2014, 136, 17505-17512.	13.7	21
26	X-ray Crystal Structure of rac-[Ru(phen)₂dppz]²⁺ with d(ATGCAT)₂ Shows Enantiomer Orientations and Water Ordering. Journal of the American Chemical Society, 2013, 135, 12652-12659.	13.7	83
27	Preferred orientation in an angled intercalation site of a chloro-substituted Î› -[Ru(TAP)₂ (dppz)]²⁺ complex bound to d(TCGGCGCCGA)₂. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120525.	3.4	11
28	Crystal structures of Î›-[Ru(phen)2dppz]2+ with oligonucleotides containing TA/TA and AT/AT steps show two intercalation modes. Nature Chemistry, 2012, 4, 621-628.	13.6	182
29	Structure determination of an intercalating ruthenium dipyridophenazine complex which kinks DNA by semiintercalation of a tetraazaphenanthrene ligand. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17610-17614.	7.1	122
30	Blending virtual reality with traditional approaches to encourage engagement with core chemistry concepts relevant to an undergraduate pharmacy curriculum. Pharmacy Education, 0, , 365-374.	0.6	2