Paul I Elliott

List of Publications by Year
in descending order

52 papers	2,518 citations	236925 25 h-index	189892 50 g-index
54 all docs	54 docs citations	54 times ranked	2526 citing authors

#	Article	IF	Citations
1	Quenching of the phosphorescence of thermally reversible photochromic naphthopyran Re(<scp>i</scp>) complexes initiated by either visible or ultraviolet radiation. Dalton Transactions, 2021, 50, 830-834.	3.3	3
2	Photochemistry of Heteroleptic 1,4,5,8-Tetraazaphenanthrene- and Bi-1,2,3-triazolyl-Containing Ruthenium(II) Complexes. Inorganic Chemistry, 2021, 60, 15768-15781.	4.0	9
3	Inhibition of the photochromic behaviour of a 3,3-diphenyl-3H-pyrano[3,2-f]quinoline ligand by coordination to Ag(I) ions. Dyes and Pigments, 2020, 175, 108167.	3.7	3
4	Base-Mediated Ring-Contraction of Pyran Systems Promoted by Palladium and Phase-Transfer Catalysis. Journal of Organic Chemistry, 2020, 85, 952-966.	3.2	6
5	Triazole-based osmium(<scp>ii</scp>) complexes displaying red/near-IR luminescence: antimicrobial activity and super-resolution imaging. Chemical Science, 2020, 11, 8928-8935.	7.4	22
6	Synthesis and Photochromism of Novel Pyridyl-Substituted Naphthopyrans. Journal of Organic Chemistry, 2020, 85, 10772-10796.	3.2	16
7	Theoretical Study of the Full Photosolvolysis Mechanism of [Ru(bpy)₃]²⁺: Providing a General Mechanistic Roadmap for the Photochemistry of [Ru(N^N)₃]²⁺-Type Complexes toward Both Cis and Trans Photoproducts. Inorganic Chemistry, 2020, 59, 14679-14695.	4.0	27
8	Photophysical and Electrocatalytic Properties of Rhenium(I) Triazole-Based Complexes. Inorganics, 2020, 8, 22.	2.7	3
9	Recent progress in ligand photorelease reaction mechanisms: Theoretical insights focusing on Ru(II) 3MC states. Coordination Chemistry Reviews, 2020, 408, 213184.	18.8	54
10	Unravelling the Mechanism of Excited-State Interligand Energy Transfer and the Engineering of Dual Emission in [Ir(C^{â^§}N)₂(N^{â^§}N)]⁺ Complexes. Inorganic Chemistry, 2020, 59, 1785-1803.	4.0	33
11	Observation of an Inversion in Photophysical Tuning in a Systematic Study of Luminescent Triazole-Based Osmium(II) Complexes. Inorganic Chemistry, 2019, 58, 8607-8621.	4.0	5
12	Exploration of Uncharted ³PES Territory for [Ru(bpy)₃]²⁺: A New ³MC Minimum Prone to Ligand Loss Photochemistry. Inorganic Chemistry, 2018, 57, 3192-3196.	4.0	30
13	Mitochondria-localising DNA-binding biscyclometalated phenyltriazole iridium(iii) dipyridophenazene complexes: syntheses and cellular imaging properties. Dalton Transactions, 2018, 47, 4931-4940.	3.3	16
14	Photophysical and Cellular Imaging Studies of Brightly Luminescent Osmium(II) Pyridyltriazole Complexes. Inorganic Chemistry, 2018, 57, 13201-13212.	4.0	18
15	Ruthenium€Containing Linear Helicates and Mesocates with Tuneable p53€Selective Cytotoxicity in Colorectal Cancer Cells. Angewandte Chemie - International Edition, 2018, 57, 9799-9804.	13.8	39
16	Ruthenium€Containing Linear Helicates and Mesocates with Tuneable p53€Selective Cytotoxicity in Colorectal Cancer Cells. Angewandte Chemie, 2018, 130, 9947-9952.	2.0	15
17	Investigation of a new bis(carboxylate)triazole-based anchoring ligand for dye solar cell chromophore complexes. Dalton Transactions, 2017, 46, 1520-1530.	3.3	17
18	New cyclometalated iridium(III) dye chromophore complexes for n-type dye-sensitised solar cells. Inorganica Chimica Acta, 2017, 457, 81-89.	2.4	11

#	Article	IF	Citations
19	New cyclometalated iridium(III) dye chromophore complexes for p-type dye-sensitised solar cells. Dyes and Pigments, 2017, 140, 269-277.	3.7	30
20	An unexpected journey from highly tunable phosphorescence to novel photochemistry of 1,2,3-triazole-based complexes. Dalton Transactions, 2017, 46, 16343-16356.	3.3	42
21	Theoretical illumination of highly original photoreactive³MC states and the mechanism of the photochemistry of Ru(<scp>ii</scp>) tris(bidentate) complexes. Physical Chemistry Chemical Physics, 2017, 19, 27765-27778.	2.8	30
22	Photophysics and photochemistry of 1,2,3-triazole-based complexes. Coordination Chemistry Reviews, 2017, 350, 136-154.	18.8	80
23	Towards Water Soluble Mitochondria-Targeting Theranostic Osmium(II) Triazole-Based Complexes. Molecules, 2016, 21, 1382.	3.8	17
24	Hybrid Cyclometalated Iridium Coumarin Complex as a Sensitiser of Both nâ€•and pâ€Type DSSCs. European Journal of Inorganic Chemistry, 2016, 2016, 2887-2890.	2.0	31
25	Labilizing the Photoinert: Extraordinarily Facile Photochemical Ligand Ejection in an [Os(N^N)₃]²⁺ Complex. Angewandte Chemie, 2016, 128, 10855-10859.	2.0	3
26	Luminescent osmium(<scp>ii</scp>) bi-1,2,3-triazol-4-yl complexes: photophysical characterisation and application in light-emitting electrochemical cells. Dalton Transactions, 2016, 45, 7748-7757.	3.3	45
27	Labilizing the Photoinert: Extraordinarily Facile Photochemical Ligand Ejection in an [Os(N^N)₃]²⁺ Complex. Angewandte Chemie - International Edition, 2016, 55, 10697-10701.	13.8	19
28	Photochemistry of [Ru(pytz)(btz)₂]²⁺ and Characterization of a Î¹-btz Ligand-Loss Intermediate. Inorganic Chemistry, 2016, 55, 7787-7796.	4.0	23
29	Chapter 1. Organometallic complexes with 1,2,3-triazole-derived ligands. Organometallic Chemistry, 2014, , 1-25.	0.6	52
30	Photochemistry of Ru^{II} 4,4â€²â€Bîâ€1,2,3â€triazolyl (btz) Complexes: Crystallographic Characterization of the Photoreactive Ligandâ€Loss Intermediate transâ€[Ru(bpy)(Î²²â€btz)(Î²¹â€btz)(NCMe)]²⁺. Chemistry - A European Journal, 2014, 20, 8467-8476.	3.3	27
31	Novel triphenylamine-modified ruthenium(ii) terpyridine complexes for nickel oxide-based cathodic dye-sensitized solar cells. RSC Advances, 2014, 4, 5782.	3.6	37
32	Photochemical ligand ejection from non-sterically promoted Ru(ii)bis(diimine) 4,4â€²-bi-1,2,3-triazolyl complexes. Photochemical and Photobiological Sciences, 2014, 13, 735-738.	2.9	27
33	Luminescent biscyclometalated arylpyridine iridium(iii) complexes with 4,4â€²-bi-1,2,3-triazolyl ancillary ligands. Dalton Transactions, 2013, 42, 13527.	3.3	41
34	Synthesis and Characterization of Azidobipyridyl Ruthenium Complexes and Their â€œClickâ€•Chemistry Derivatives. European Journal of Inorganic Chemistry, 2013, 2013, 2571-2579.	2.0	22
35	Unambiguous Characterization of a Photoreactive Ligandâ€Loss Intermediate. Angewandte Chemie - International Edition, 2013, 52, 10826-10829.	13.8	36
36	Reactivity of Ir(iii) carbonyl complexes with water: alternative by-product formation pathways in catalytic methanol carbonylation. Dalton Transactions, 2013, 42, 16538.	3.3	9

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37	Photophysics of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2013, 109, 360.	0.8	4
38	Photophysics of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2012, 108, 389.	0.8	6
39	Synthesis, characterisation and theoretical study of ruthenium 4,4â€²-bi-1,2,3-triazolyl complexes: fundamental switching of the nature of S1 and T1 states from MLCT to MC. Dalton Transactions, 2012, 41, 7637.	3.3	47
40	Photophysical properties of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2011, 107, 399.	0.8	3
41	Synthesis and characterisation of luminescent rhenium tricarbonyl complexes with axially coordinated 1,2,3-triazole ligands. Dalton Transactions, 2011, 40, 7610.	3.3	55
42	Theoretical investigation of the scope of sequential ligand tuning using a bifunctional scorpionate tris(1,2,4-triazolyl)borate-based architecture. Journal of Organometallic Chemistry, 2011, 696, 2580-2583.	1.8	3
43	Photophysical properties of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2010, 106, 526.	0.8	5
44	Spontaneous Transfer of Parahydrogen Derived Spin Order to Pyridine at Low Magnetic Field. Journal of the American Chemical Society, 2009, 131, 13362-13368.	13.7	165
45	Reversible Interactions with para-Hydrogen Enhance NMR Sensitivity by Polarization Transfer. Science, 2009, 323, 1708-1711.	12.6	761
46	Para-Hydrogen Induced Polarization without Incorporation of Para-Hydrogen into the Analyte. Inorganic Chemistry, 2009, 48, 663-670.	4.0	104
47	Only para-hydrogen spectroscopy (OPSY), a technique for the selective observation of para-hydrogen enhanced NMR signals. Chemical Communications, 2007, , 1183-1185.	4.1	84
48	The synthesis, characterisation and reactivity of 2-phosphanylethylcyclopentadienyl complexes of cobalt, rhodium and iridium. Dalton Transactions, 2006, , 91-107.	3.3	25
49	Formation and Reactivity of Ir(III) Hydroxycarbonyl Complexes. Inorganic Chemistry, 2006, 45, 6269-6275.	4.0	20
50	Câ€“F Bond activation at Ni(0) and simple reactions of square planar Ni(ii) fluoride complexes. Dalton Transactions, 2005, , 3686.	3.3	62
51	Parahydrogen derived illumination of pyridine based coordination products obtained from reactions involving rhodium phosphine complexes. Dalton Transactions, 2005, , 3773.	3.3	15
52	Promotion of Iridium-Catalyzed Methanol Carbonylation:Â Mechanistic Studies of the Cativa Process. Journal of the American Chemical Society, 2004, 126, 2847-2861.	13.7	252