

Paul I Elliott

List of Publications by Year in descending order

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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	Reversible Interactions with para-Hydrogen Enhance NMR Sensitivity by Polarization Transfer. <i>Science</i> , 2009, 323, 1708-1711.	12.6	761
2	Promotion of Iridium-Catalyzed Methanol Carbonylation: A Mechanistic Studies of the Cativa Process. <i>Journal of the American Chemical Society</i> , 2004, 126, 2847-2861.	13.7	252
3	Spontaneous Transfer of <i>Para</i> -hydrogen Derived Spin Order to Pyridine at Low Magnetic Field. <i>Journal of the American Chemical Society</i> , 2009, 131, 13362-13368.	13.7	165
4	<i>Para</i> -Hydrogen Induced Polarization without Incorporation of <i>Para</i> -Hydrogen into the Analyte. <i>Inorganic Chemistry</i> , 2009, 48, 663-670.	4.0	104
5	Only para-hydrogen spectroscopy (OPSY), a technique for the selective observation of para-hydrogen enhanced NMR signals. <i>Chemical Communications</i> , 2007, , 1183-1185.	4.1	84
6	Photophysics and photochemistry of 1,2,3-triazole-based complexes. <i>Coordination Chemistry Reviews</i> , 2017, 350, 136-154.	18.8	80
7	C-F Bond activation at Ni(0) and simple reactions of square planar Ni(ii) fluoride complexes. <i>Dalton Transactions</i> , 2005, , 3686.	3.3	62
8	Synthesis and characterisation of luminescent rhenium tricarbonyl complexes with axially coordinated 1,2,3-triazole ligands. <i>Dalton Transactions</i> , 2011, 40, 7610.	3.3	55
9	Recent progress in ligand photorelease reaction mechanisms: Theoretical insights focusing on Ru(II) 3MC states. <i>Coordination Chemistry Reviews</i> , 2020, 408, 213184.	18.8	54
10	Chapter 1. Organometallic complexes with 1,2,3-triazole-derived ligands. <i>Organometallic Chemistry</i> , 2014, , 1-25.	0.6	52
11	Synthesis, characterisation and theoretical study of ruthenium 4,4'-bi-1,2,3-triazolyl complexes: fundamental switching of the nature of S1 and T1 states from MLCT to MC. <i>Dalton Transactions</i> , 2012, 41, 7637.	3.3	47
12	Luminescent osmium(<i>ii</i>) bi-1,2,3-triazol-4-yl complexes: photophysical characterisation and application in light-emitting electrochemical cells. <i>Dalton Transactions</i> , 2016, 45, 7748-7757.	3.3	45
13	An unexpected journey from highly tunable phosphorescence to novel photochemistry of 1,2,3-triazole-based complexes. <i>Dalton Transactions</i> , 2017, 46, 16343-16356.	3.3	42
14	Luminescent biscyclometalated arylpyridine iridium(iii) complexes with 4,4'-bi-1,2,3-triazolyl ancillary ligands. <i>Dalton Transactions</i> , 2013, 42, 13527.	3.3	41
15	Ruthenium-Containing Linear Helicates and Mesocates with Tuneable p53-Selective Cytotoxicity in Colorectal Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9799-9804.	13.8	39
16	Novel triphenylamine-modified ruthenium(ii) terpyridine complexes for nickel oxide-based cathodic dye-sensitized solar cells. <i>RSC Advances</i> , 2014, 4, 5782.	3.6	37
17	Unambiguous Characterization of a Photoreactive Ligand-Loss Intermediate. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10826-10829.	13.8	36
18	Unravelling the Mechanism of Excited-State Interligand Energy Transfer and the Engineering of Dual Emission in $[\text{Ir}(\text{C}^{\text{N}})_2(\text{N}^{\text{N}})]^+$ Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 1785-1803.	4.0	33

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19	Hybrid Cyclometalated Iridium Coumarin Complex as a Sensitiser of Both n- and p-type DSSCs. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2887-2890.	2.0	31
20	New cyclometalated iridium(III) dye chromophore complexes for p-type dye-sensitised solar cells. <i>Dyes and Pigments</i> , 2017, 140, 269-277.	3.7	30
21	Theoretical illumination of highly original photoreactive 3 MC states and the mechanism of the photochemistry of Ru(II) tris(bidentate) complexes. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27765-27778.	2.8	30
22	Exploration of Uncharted 3 PES Territory for [Ru(bpy) $_3$] $^{2+}$: A New 3 MC Minimum Prone to Ligand Loss Photochemistry. <i>Inorganic Chemistry</i> , 2018, 57, 3192-3196.	4.0	30
23	Photochemistry of Ru(II) 4,4'-bi-1,2,3-triazolyl (btz) Complexes: Crystallographic Characterization of the Photoreactive Ligand-Loss Intermediate <i>trans</i> -[Ru(bpy)(2 btz)(1 btz)(NCMe)] $^{2+}$. <i>Chemistry - A European Journal</i> , 2014, 20, 8467-8476.	3.3	27
24	Photochemical ligand ejection from non-sterically promoted Ru(II)bis(diimine) 4,4'-bi-1,2,3-triazolyl complexes. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 735-738.	2.9	27
25	Theoretical Study of the Full Photosolvolytic Mechanism of [Ru(bpy) $_3$] $^{2+}$: Providing a General Mechanistic Roadmap for the Photochemistry of [Ru(N $_3$) $_3$] $^{2+}$ -Type Complexes toward Both Cis and Trans Photoproducts. <i>Inorganic Chemistry</i> , 2020, 59, 14679-14695.	4.0	27
26	The synthesis, characterisation and reactivity of 2-phosphanylethylcyclopentadienyl complexes of cobalt, rhodium and iridium. <i>Dalton Transactions</i> , 2006, , 91-107.	3.3	25
27	Photochemistry of [Ru(pytz)(btz) $_2$] $^{2+}$ and Characterization of a 1 -btz Ligand-Loss Intermediate. <i>Inorganic Chemistry</i> , 2016, 55, 7787-7796.	4.0	23
28	Synthesis and Characterization of Azidobipyridyl Ruthenium Complexes and Their "Click" Chemistry Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2571-2579.	2.0	22
29	Triazole-based osmium(II) complexes displaying red/near-IR luminescence: antimicrobial activity and super-resolution imaging. <i>Chemical Science</i> , 2020, 11, 8928-8935.	7.4	22
30	Formation and Reactivity of Ir(III) Hydroxycarbonyl Complexes. <i>Inorganic Chemistry</i> , 2006, 45, 6269-6275.	4.0	20
31	Labilizing the Photoinert: Extraordinarily Facile Photochemical Ligand Ejection in an [Os(N $_3$) $_3$] $^{2+}$ Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10697-10701.	13.8	19
32	Photophysical and Cellular Imaging Studies of Brightly Luminescent Osmium(II) Pyridyltriazole Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 13201-13212.	4.0	18
33	Towards Water Soluble Mitochondria-Targeting Theranostic Osmium(II) Triazole-Based Complexes. <i>Molecules</i> , 2016, 21, 1382.	3.8	17
34	Investigation of a new bis(carboxylate)triazole-based anchoring ligand for dye solar cell chromophore complexes. <i>Dalton Transactions</i> , 2017, 46, 1520-1530.	3.3	17
35	Mitochondria-localising DNA-binding biscyclometalated phenyltriazole iridium(III) dipyrrophenazine complexes: syntheses and cellular imaging properties. <i>Dalton Transactions</i> , 2018, 47, 4931-4940.	3.3	16
36	Synthesis and Photochromism of Novel Pyridyl-Substituted Naphthopyrans. <i>Journal of Organic Chemistry</i> , 2020, 85, 10772-10796.	3.2	16

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37	Parahydrogen derived illumination of pyridine based coordination products obtained from reactions involving rhodium phosphine complexes. Dalton Transactions, 2005, , 3773.	3.3	15
38	Ruthenium-Containing Linear Helicates and Mesocates with Tuneable p53-Selective Cytotoxicity in Colorectal Cancer Cells. Angewandte Chemie, 2018, 130, 9947-9952.	2.0	15
39	New cyclometalated iridium(III) dye chromophore complexes for n-type dye-sensitised solar cells. Inorganica Chimica Acta, 2017, 457, 81-89.	2.4	11
40	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
41	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
42	Photophysics of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2012, 108, 389.	0.8	6
43	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
44	Photophysical properties of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2010, 106, 526.	0.8	5
45	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
46	Photophysics of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2013, 109, 360.	0.8	4
47	Photophysical properties of metal complexes. Annual Reports on the Progress of Chemistry Section A, 2011, 107, 399.	0.8	3
48	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
49	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
50	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
51	Photophysical and Electrocatalytic Properties of Rhenium(I) Triazole-Based Complexes. Inorganics, 2020, 8, 22.	2.7	3
52	Quenching of the phosphorescence of thermally reversible photochromic naphthopyran Re(κ^2) complexes initiated by either visible or ultraviolet radiation. Dalton Transactions, 2021, 50, 830-834.	3.3	3