

# Robert M Edkins

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,358  
citations

361296

20  
h-index

454834

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron Delocalization in Reduced Forms of 2-(BMes <sub>2</sub> )pyrene and 2,7-Bis(BMes <sub>2</sub> )pyrene. <i>Journal of the American Chemical Society</i> , 2015, 137, 6750-6753.	6.6	134
2	Optical and electronic properties of air-stable organoboron compounds with strongly electron-accepting bis(fluoromesityl)boryl groups. <i>Chemical Science</i> , 2015, 6, 308-321.	3.7	128
3	Duâ€“A Triarylboron Compounds with Tunable Pushâ€“Pull Character Achieved by Modification of Both the Donor and Acceptor Moieties. <i>Chemistry - A European Journal</i> , 2015, 21, 177-190.	1.7	125
4	Taming the beast: fluoromesityl groups induce a dramatic stability enhancement in boroles. <i>Chemical Science</i> , 2015, 6, 5922-5927.	3.7	86
5	Experimental and Theoretical Studies of Quadrupolar Oligothiopheneâ€“Cored Chromophores Containing Dimesitylboryl Moieties as Î€“Accepting Endâ€“Groups: Syntheses, Structures, Fluorescence, and Oneâ€“and Twoâ€“Photon Absorption. <i>Chemistry - A European Journal</i> , 2014, 20, 13618-13635.	1.7	84
6	Waterâ€“Soluble Triarylborane Chromophores for Oneâ€“and Twoâ€“Photon Excited Fluorescence Imaging of Mitochondria in Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 14701-14706.	1.7	75
7	Thermally Induced Defluorination during a <i>mer</i> to <i>fac</i> Transformation of a Blue-Green Phosphorescent Cyclometalated Iridium(III) Complex. <i>Inorganic Chemistry</i> , 2012, 51, 290-297.	1.9	73
8	Synthesis, Structure, and Opto-electronic Properties of Regioisomeric Pyreneâ€“Thienoacenes. <i>Organic Letters</i> , 2014, 16, 342-345.	2.4	71
9	Blending Gelators to Tune Gel Structure and Probe Anionâ€“Induced Disassembly. <i>Chemistry - A European Journal</i> , 2014, 20, 279-291.	1.7	69
10	Synthesis and Photophysics of a 2,7-Disubstituted Donorâ€“Acceptor Pyrene Derivative: An Example of the Application of Sequential Ir-Catalyzed Câ€“H Borylation and Substitution Chemistry. <i>Journal of Organic Chemistry</i> , 2015, 80, 5658-5665.	1.7	64
11	Electromagnetic susceptibility anisotropy and its importance for paramagnetic NMR and optical spectroscopy in lanthanide coordination chemistry. <i>Dalton Transactions</i> , 2016, 45, 6782-6800.	1.6	55
12	Two-photon spectroscopy of cyclometalated iridium complexes. <i>Dalton Transactions</i> , 2011, 40, 12765.	1.6	53
13	The Effect of Branching on the Oneâ€“and Twoâ€“Photon Absorption, Cell Viability, and Localization of Cationic Triarylborane Chromophores with Dipolar versus Octupolar Charge Distributions for Cellular Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 13164-13175.	1.7	48
14	The synthesis and photophysics of tris-heteroleptic cyclometalated iridium complexes. <i>Dalton Transactions</i> , 2011, 40, 9672.	1.6	46
15	Syntheses, Structures, and Comparison of the Photophysical Properties of Cyclometalated Iridium Complexes Containing the Isomeric 1- and 2-(2-pyridyl)pyrene Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 9842-9860.	1.9	37
16	Combined two-photon excitation and d â†’ f energy-transfer in Ir/lanthanide dyads with time-gated selection from a two-component emission spectrum. <i>Chemical Communications</i> , 2012, 48, 9977.	2.2	30
17	Regiospecific Formation and Unusual Optical Properties of 2,5-Bis(arylethynyl)rhodacyclopentadienes: A New Class of Luminescent Organometallics. <i>Chemistry - A European Journal</i> , 2014, 20, 3652-3666.	1.7	28
18	Photophysical property trends for a homologous series of bis-ethynyl-substituted benzochalcogendiazoles. <i>New Journal of Chemistry</i> , 2012, 36, 550-553.	1.4	27

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19	Reductive Coupling of Dienes at Rhodium Gives Fluorescent Rhodacyclopentadienes or Phosphorescent Rhodium 2,2'-bipyridine Bipyridine Complexes. <i>Chemistry - A European Journal</i> , 2016, 22, 10523-10532.	1.7	24
20	Synthesis and fluxional behaviour of novel chloroborole dimers. <i>Chemical Communications</i> , 2016, 52, 9707-9710.	2.2	23
21	Self-Assembly of Minimal Peptoid Sequences. <i>ACS Macro Letters</i> , 2020, 9, 494-499.	2.3	21
22	The formation of peroxide degradation products of photochromic triphenylimidazolyl radical-dimers. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 7848.	1.3	12
23	Design and synthesis of fluorescent 7-deazaadenosine nucleosides containing $\pi$ -extended diarylacetylene motifs. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 68-72.	1.5	10
24	Photocrystallisation of the 2C <sup>2</sup> dimer of a triphenylimidazolyl radical. <i>RSC Advances</i> , 2014, 4, 5351-5356.	1.7	9
25	Conserved hydrogen bonding in tetrahydrocarbazolone derivatives: influence of solution-state assembly on crystal form nucleation. <i>Chemical Communications</i> , 2015, 51, 5314-5317.	2.2	8
26	Picosecond self-diffusion in ethanol-water mixtures. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9547-9552.	1.3	7
27	Increased rate of solvent diffusion in a prototypical supramolecular gel measured on the picosecond timescale. <i>Chemical Communications</i> , 2018, 54, 6340-6343.	2.2	4
28	Iridium-catalysed 3,5-bis-borylation of phthalonitrile enables access to a family of $C_{4h}$ octaarylphthalocyanines. <i>Chemical Communications</i> , 2020, 56, 8452-8455.	2.2	2
29	The modifying effect of supramolecular gel fibres on the diffusion of paracetamol and ibuprofen sodium on the picosecond timescale. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10838-10844.	1.3	1
30	Conserved hydrogen bonding in tetrahydrocarbazolone derivatives: influence of solution-state assembly on crystal form nucleation. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s263-s264.	0.0	0
31	Steric influence on solvate formation - a comparison of resorcylic acid and two brominated derivatives. <i>CrystEngComm</i> , 0, , .	1.3	0