

# Robert M Edkins

## List of Publications by Year in descending order

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31  
papers

1,358  
citations

361413  
20  
h-index

454955  
30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1971  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iridium-catalysed 3,5-bis-borylation of phthalonitrile enables access to a family of $C_{4h}$ octaarylphthalocyanines. Chemical Communications, 2020, 56, 8452-8455.	4.1	2
2	Self-Assembly of Minimal Peptoid Sequences. ACS Macro Letters, 2020, 9, 494-499.	4.8	21
3	The modifying effect of supramolecular gel fibres on the diffusion of paracetamol and ibuprofen sodium on the picosecond timescale. Physical Chemistry Chemical Physics, 2020, 22, 10838-10844.	2.8	1
4	The Effect of Branching on the One- and Two-Photon Absorption, Cell Viability, and Localization of Cationic Triarylborane Chromophores with Dipolar versus Octupolar Charge Distributions for Cellular Imaging. Chemistry - A European Journal, 2019, 25, 13164-13175.	3.3	48
5	Picosecond self-diffusion in ethanol-water mixtures. Physical Chemistry Chemical Physics, 2019, 21, 9547-9552.	2.8	7
6	Increased rate of solvent diffusion in a prototypical supramolecular gel measured on the picosecond timescale. Chemical Communications, 2018, 54, 6340-6343.	4.1	4
7	Water-Soluble Triarylborane Chromophores for One- and Two-Photon Excited Fluorescence Imaging of Mitochondria in Cells. Chemistry - A European Journal, 2016, 22, 14701-14706.	3.3	75
8	Synthesis and fluxional behaviour of novel chloroborole dimers. Chemical Communications, 2016, 52, 9707-9710.	4.1	23
9	Reductive Coupling of Diynes at Rhodium Gives Fluorescent Rhodacyclopentadienes or Phosphorescent Rhodium 2,2'-Biphenyl Complexes. Chemistry - A European Journal, 2016, 22, 10523-10532.	3.3	24
10	Electromagnetic susceptibility anisotropy and its importance for paramagnetic NMR and optical spectroscopy in lanthanide coordination chemistry. Dalton Transactions, 2016, 45, 6782-6800.	3.3	55
11	Conserved hydrogen bonding in tetrahydrocarbazolone derivatives: influence of solution-state assembly on crystal form nucleation. Acta Crystallographica Section A: Foundations and Advances, 2015, 71, s263-s264.	0.1	0
12	Conserved hydrogen bonding in tetrahydrocarbazolone derivatives: influence of solution-state assembly on crystal form nucleation. Chemical Communications, 2015, 51, 5314-5317.	4.1	8
13	Taming the beast: fluoromesityl groups induce a dramatic stability enhancement in boroles. Chemical Science, 2015, 6, 5922-5927.	7.4	86
14	Synthesis and Photophysics of a 2,7-Disubstituted Donor-Acceptor Pyrene Derivative: An Example of the Application of Sequential Ir-Catalyzed C-H Borylation and Substitution Chemistry. Journal of Organic Chemistry, 2015, 80, 5658-5665.	3.2	64
15	Electron Delocalization in Reduced Forms of 2-(BMes <sub>2</sub> )pyrene and 2,7-Bis(BMes <sub>2</sub> )pyrene. Journal of the American Chemical Society, 2015, 137, 6750-6753.	13.7	134
16	Design and synthesis of fluorescent 7-deazaadenosine nucleosides containing $\pi$ -extended diarylacetylene motifs. Organic and Biomolecular Chemistry, 2015, 13, 68-72.	2.8	10
17	Optical and electronic properties of air-stable organoboron compounds with strongly electron-accepting bis(fluoromesityl)boryl groups. Chemical Science, 2015, 6, 308-321.	7.4	128
18	D $\pi$ - $\pi$ -A Triarylboron Compounds with Tunable Push-Pull Character Achieved by Modification of Both the Donor and Acceptor Moieties. Chemistry - A European Journal, 2015, 21, 177-190.	3.3	125

#	ARTICLE	IF	CITATIONS
19	Experimental and Theoretical Studies of Quadrupolar Oligothiophene-Cored Chromophores Containing Dimesitylboryl Moieties as $\pi$ -Accepting End-Groups: Syntheses, Structures, Fluorescence, and One- and Two-Photon Absorption. Chemistry - A European Journal, 2014, 20, 13618-13635.	3.3	84
20	Regiospecific Formation and Unusual Optical Properties of 2,5-Bis(arylethynyl)rhodacyclopentadienes: A New Class of Luminescent Organometallics. Chemistry - A European Journal, 2014, 20, 3652-3666.	3.3	28
21	Synthesis, Structure, and Opto-electronic Properties of Regioisomeric Pyrene-Thienoacenes. Organic Letters, 2014, 16, 342-345.	4.6	71
22	Photocrystallisation of the 2C $\pi$ -2 $\pi$ C dimer of a triphenylimidazolyl radical. RSC Advances, 2014, 4, 5351-5356.	3.6	9
23	Blending Gelators to Tune Gel Structure and Probe Anion-Induced Disassembly. Chemistry - A European Journal, 2014, 20, 279-291.	3.3	69
24	Syntheses, Structures, and Comparison of the Photophysical Properties of Cyclometalated Iridium Complexes Containing the Isomeric 1- and 2-(2-pyridyl)pyrene Ligands. Inorganic Chemistry, 2013, 52, 9842-9860.	4.0	37
25	The formation of peroxide degradation products of photochromic triphenylimidazolyl radical-dimers. Physical Chemistry Chemical Physics, 2013, 15, 7848.	2.8	12
26	Combined two-photon excitation and d $\rightarrow$ f energy-transfer in Ir/lanthanide dyads with time-gated selection from a two-component emission spectrum. Chemical Communications, 2012, 48, 9977.	4.1	30
27	Thermally Induced Defluorination during a <i>mer</i> to <i>fac</i> Transformation of a Blue-Green Phosphorescent Cyclometalated Iridium(III) Complex. Inorganic Chemistry, 2012, 51, 290-297.	4.0	73
28	Photophysical property trends for a homologous series of bis-ethynyl-substituted benzochalcogendiazoles. New Journal of Chemistry, 2012, 36, 550-553.	2.8	27
29	Two-photon spectroscopy of cyclometalated iridium complexes. Dalton Transactions, 2011, 40, 12765.	3.3	53
30	The synthesis and photophysics of tris-heteroleptic cyclometalated iridium complexes. Dalton Transactions, 2011, 40, 9672.	3.3	46
31	Steric influence on solvate formation - a comparison of resorcylic acid and two brominated derivatives. CrystEngComm, 0, , .	2.6	0