

# Andrew Benniston

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1858361/andrew-benniston-publications-by-citations.pdf>

**Version:** 2024-04-18

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

155  
papers

4,207  
citations

33  
h-index

57  
g-index

168  
ext. papers

4,449  
ext. citations

5.9  
avg, IF

5.43  
L-index

#	Paper	IF	Citations
155	Lighting the way ahead with boron dipyrromethene (Bodipy) dyes. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 4124-31	3.6	275
154	Artificial photosynthesis. <i>Materials Today</i> , <b>2008</b> , 11, 26-34	21.8	255
153	Charge on the move: how electron-transfer dynamics depend on molecular conformation. <i>Chemical Society Reviews</i> , <b>2006</b> , 35, 169-79	58.5	154
152	Charge shift and triplet state formation in the 9-mesityl-10-methylacridinium cation. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 16054-64	16.4	138
151	Electron Delocalization in Ethynyl-Bridged Binuclear Ruthenium(II) Polypyridine Complexes. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1884-1885		128
150	Long-lived charge-transfer states in compact donor-acceptor dyads. <i>ChemPhysChem</i> , <b>2005</b> , 6, 2251-60	3.2	117
149	Electron Delocalization in Polyene-Bridged Binuclear Complexes. <i>The Journal of Physical Chemistry</i> , <b>1994</b> , 98, 7798-7804		106
148	A Molecular Rotor Based on an Unhindered Boron Dipyrromethene (Bodipy) Dye. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 4024-4032	9.6	95
147	An Unusually Shallow Distance-Dependence for Triplet-Energy Transfer. <i>Angewandte Chemie - International Edition</i> , <b>2000</b> , 39, 4287-4290	16.4	94
146	Photoactive [2]Rotaxanes: Structure and Photophysical Properties of Anthracene- and Ferrocene-Stoppered [2]Rotaxanes. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 5275-5291	16.4	93
145	A Light-Induced Molecular Shuttle Based on a [2]Rotaxane-Derived Triad. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 1459-1461		86
144	Temperature-induced switching of the mechanism for intramolecular energy transfer in a 2,2':6',2'-Terpyridine-based Ru(II)-Os(II) trinuclear array. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 2553-64	16.4	82
143	Redox-Controlled Fluorescence Modulation in a BODIPY-Quinone Dyad. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 2705-2713	3.2	78
142	The photophysical properties of a julolidene-based molecular rotor. <i>Physical Chemistry Chemical Physics</i> , <b>2005</b> , 7, 3035-40	3.6	74
141	Pushing around electrons: towards 2-D and 3-D molecular switches. <i>Chemical Society Reviews</i> , <b>2004</b> , 33, 573-8	58.5	64
140	Photo- and redox-active [2]rotaxanes and [2]catenanes. <i>Chemical Society Reviews</i> , <b>1996</b> , 25, 427	58.5	62
139	Charge recombination in cyclophane-derived, intimate radical ion pairs. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 5298-5299	16.4	59

138	The photophysical properties of a pyrene-phenanthroline-terpyridine conjugate and of its zinc(II) and ruthenium(II) complexes. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 51-57	3.6	57
137	Electron delocalization in a ruthenium(II) Bis(2,2':6',2''-terpyridyl) complex. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 4227-33	5.1	56
136	Orientalional control of electronic coupling in mixed-valence, binuclear ruthenium(II)-bis(2,2':6',2''-terpyridine) complexes. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 13630-1	16.4	54
135	Intramolecular excimer formation and delayed fluorescence in sterically constrained pyrene dimers. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 4665-74	4.8	51
134	Illumination of the 9-mesityl-10-methylacridinium ion does not give a long-lived photoredox state. <i>Chemical Communications</i> , <b>2005</b> , 2701-3	5.8	51
133	Cofacial boron dipyrromethene (Bodipy) dimers: synthesis, charge delocalization, and exciton coupling. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 2018-27	4.2	50
132	A general purpose reporter for cations: absorption, fluorescence and electrochemical sensing of zinc(II). <i>Dalton Transactions</i> , <b>2003</b> , 4762	4.3	45
131	The effect of torsion angle on the rate of intramolecular triplet energy transfer. <i>Physical Chemistry Chemical Physics</i> , <b>2005</b> , 7, 3677-9	3.6	44
130	Synthesis and binding properties of hybrid cyclophane-azamacrocyclic receptors. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 115-23	4.2	42
129	Intramolecular Energy Transfer in Molecular Dyads Comprising Free-base Porphyrin and Ruthenium(II) Bis(2,2':6',2''-terpyridine) Termini. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 9026-9036	2.8	41
128	A donor-acceptor molecular dyad showing multiple electronic energy-transfer processes in crystalline and amorphous states. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7174-5	16.4	40
127	Photoactive [2]rotaxanes formed by multiple $\pi$ -stacking. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 1473-1476	2	39
126	Synthesis and properties of a meso- trisferrocene appended zinc(II) porphyrin and a critical evaluation of its dye sensitised solar cell (DSSC) performance. <i>RSC Advances</i> , <b>2014</b> , 4, 22733-22742	3.7	38
125	Intramolecular excimer formation for covalently linked boron dipyrromethene dyes. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 12111-9	2.8	37
124	The ferrocene effect: enhanced electrocatalytic hydrogen production using meso-tetraferrocenyl porphyrin palladium(II) and copper(II) complexes. <i>Dalton Transactions</i> , <b>2015</b> , 44, 14646-55	4.3	36
123	Triplet Energy Transfer within Closely Spaced Positional Isomers of Ru/Os Polypyridine-Based Heterodiads. <i>Journal of Physical Chemistry A</i> , <b>1999</b> , 103, 5399-5408	2.8	36
122	Molecular Rotors Based on the Boron Dipyrromethene Fluorophore. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 523-530	3.2	33
121	Reversible luminescence switching in a ruthenium(II) bis(2,2':6',2''-terpyridine)-benzoquinone dyad. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 4029-36	5.1	33

120	The fluorine effect: photophysical properties of borondipyrromethene (bodipy) dyes appended at the meso position with fluorinated aryl groups. <i>RSC Advances</i> , <b>2012</b> , 2, 4944	3.7	32
119	Comparison of the photophysical properties of osmium(II) bis(2,2':6',2''-terpyridine) and the corresponding ethynylated derivative. <i>Journal of Physical Chemistry A</i> , <b>2005</b> , 109, 2302-9	2.8	32
118	A strategy for the synthesis of metal bis(2,2':6',2''-terpyridine)-terminated molecular dyads having controlled torsion angles at the central biphenyl linker. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 3481-93	4.2	32
117	Artificial Photosynthesis: Mimicking Redox Asymmetry. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 354-356	16.4	31
116	A spectroscopic study of the reduction of geometrically restrained viologens. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 7838-51	4.8	31
115	Photophysical properties of closely-coupled, binuclear ruthenium(II) bis(2,2':6',2''-terpyridine) complexes. <i>Dalton Transactions</i> , <b>2004</b> , 1227-32	4.3	31
114	Electron exchange in conformationally restricted donor-spacer-acceptor dyads: angle dependence and involvement of upper-lying excited States. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 1710-7	4.8	30
113	Exciplex-like emission from a closely-spaced, orthogonally-sited anthracenyl-boron dipyrromethene (Bodipy) molecular dyad. <i>Photochemical and Photobiological Sciences</i> , <b>2010</b> , 9, 1009-17	4.2	29
112	Large Stokes shift fluorescent dyes based on a highly substituted terephthalic acid core. <i>Organic Letters</i> , <b>2012</b> , 14, 1374-7	6.2	28
111	Axially chiral BODIPYs. <i>Chemical Communications</i> , <b>2014</b> , 50, 4714-6	5.8	27
110	Comment: Electron-transfer reactions in the 9-mesityl-10-methylacridinium ion: impurities, triplet states and infinitely long-lived charge-shift states?. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 5156-8 <sup>3.6</sup>		26
109	Detailed Picosecond Kerr-Gated Time-Resolved Resonance Raman Spectroscopy and Time-Resolved Emission Studies of Merocyanine 540 in Various Solvents. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 4347-4353	2.8	26
108	Intramolecular energy-transfer processes in a bis(porphyrin)-ruthenium(II) bis(2,2':6',2''-terpyridine) molecular array. <i>Physical Chemistry Chemical Physics</i> , <b>2006</b> , 8, 2051-7	3.6	25
107	Long-lived Charge-Transfer States in 9-Aryl-Acridinium Ions; A Critical Reinvestigation. <i>International Journal of Photoenergy</i> , <b>2005</b> , 7, 103-108	2.1	25
106	Polymorph crystal packing effects on charge transfer emission in the solid state. <i>Chemical Science</i> , <b>2015</b> , 6, 3525-3532	9.4	24
105	Effect on charge transfer and charge recombination by insertion of a naphthalene-based bridge in molecular dyads based on borondipyrromethene (bodipy). <i>ChemPhysChem</i> , <b>2012</b> , 13, 3672-81	3.2	24
104	Spring open two-plus-two electron storage in a disulfide-strapped methyl viologen derivative. <i>Organic Letters</i> , <b>2012</b> , 14, 506-9	6.2	24
103	Bidirectional electron transfer in molecular tetrads. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 26-7	16.4	24

102	Photophysical properties of merocyanine 540 derivatives. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1994</b> , 90, 953		24
101	One-Pot Synthesis of a Mono-O,B,N-strapped BODIPY Derivative Displaying Bright Fluorescence in the Solid State. <i>Organic Letters</i> , <b>2017</b> , 19, 1626-1629	6.2	23
100	Preparation and properties of a calcium(II)-based molecular chain decorated with manganese(II) butterfly-like complexes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 13349-57	4.3	21
99	Porphyrin linked poly(pyridyl)-based conjugates as artificial photosynthetic reaction centre models. <i>Physical Chemistry Chemical Physics</i> , <b>2007</b> , 9, 5739-47	3.6	21
98	Competing through-space and through-bond, intramolecular triplet-energy transfer in a supposedly rigid ruthenium(II) tris(2,2'-bipyridine)-fullerene molecular dyad. <i>Physical Chemistry Chemical Physics</i> , <b>2006</b> , 8, 4112-8	3.6	21
97	Intramolecular charge-transfer interactions in a julolidineBodipy molecular assembly as revealed via <sup>13</sup> C NMR chemical shifts. <i>Journal of Molecular Structure</i> , <b>2011</b> , 985, 346-354	3.4	20
96	A modular ditopic crown-shielded phosphate ion-pair receptor. <i>Chemical Communications</i> , <b>2004</b> , 2226-7	5.8	20
95	Tuning the Förster overlap integral: energy transfer over 20 Ågstroms from a pyrene-based donor to borondipyrromethene (Bodipy). <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 9854-61	3.6	19
94	Exploring Förster electronic energy transfer in a decoupled anthracenyl-based borondipyrromethene (bodipy) dyad. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 4447-56	3.6	19
93	Exciplex formation and excited state deactivation of difluoroborondipyrromethene (Bodipy) dyads. <i>ChemPhysChem</i> , <b>2010</b> , 11, 1685-92	3.2	19
92	Photoisomerization of a sterically constrained merocyanine dye. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1998</b> , 94, 1841-1847		19
91	Dynamics of Charge Transfer and Recombination in a Covalently-Linked, Face-to-Face Electron Donor-Acceptor Complex. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 11531-11537	16.4	19
90	On the Photochemical Stability of the 9-Mesityl-10-methylacridinium Cation. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 253-258	3.2	18
89	Artificial Phototropism: Reversible Photoseparation of Self-Assembled Interlocking Conjugates. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 2356-2358		18
88	A Strategy for Controlling the Central Torsion Angle in Biphenyl-Based Molecular-Scale Bridges. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 4680-4686	3.2	18
87	How the central torsion angle affects the rates of nonradiative decay in some geometrically restricted p-quaterphenyls. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 2641-9	2.8	17
86	The effect of solvent polarity on the photophysical properties of 4-cyano-(4'-methylthio)diphenylacetylene: a prototypic donor-acceptor system. <i>Physical Chemistry Chemical Physics</i> , <b>2005</b> , 7, 3041-7	3.6	17
85	Building molecular-scale bridges having restricted rotation. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 4167-4169	2	17

84	Kerr-gated picosecond time-resolved resonance Raman spectroscopic probing of the excited states in [Ru(bipy)2dppz](BF4)2 (bipy = 2,2'-bipyridyl, dppz = dipyrido[3,2-a:2',3'-c]phenazine). <i>Journal of Raman Spectroscopy</i> , <b>2000</b> , 31, 503-507	2.3	17
83	Spin-orbital coupling effects on the photophysical properties and photocytotoxicity of merocyanine dyes. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1997</b> , 93, 2491-2501		16
82	Effect of resonance polarity on the rate of isomerization of merocyanine dyes. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1998</b> , 94, 519-525		16
81	Elektronendelokalisierung in Ethinylverbrückten zweikernigen Polypyridinruthenium(II)-Komplexen. <i>Angewandte Chemie</i> , <b>1994</b> , 106, 1956-1958	3.6	16
80	Photoinduced and thermal isomerization processes for bis-oxonols: rotor volume, stereochemical and viscosity effects. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1994</b> , 90, 2627		16
79	Ultrafast Electronic Energy Transfer Beyond the Weak Coupling Limit in a Proximal but Orthogonal Molecular Dyad. <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 12665-71	2.8	15
78	Structural Dynamics and Barrier Crossing Observed for a Fluorescent O-Doped Polycyclic Aromatic Hydrocarbon. <i>ChemPhotoChem</i> , <b>2017</b> , 1, 198-205	3.3	15
77	Thermoresponsive fluorescent polymers based on a quaterthiophene-containing boron dipyrromethene (Bodipy) dyad dispersed in silicone rubber. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 2601		15
76	Off the Back or on the Side: Comparison of meso and 2-Substituted Donor-Acceptor Difluoroborondipyrromethene (Bodipy) Dyads. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 2867-2877	3.3	15
75	On the conjugation length for oligo(ethynyl naphthalene)-based molecular rods. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 10194-203	4.8	15
74	Towards molecular T-junction relays. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 8245-8247	2	15
73	Opening a spiropyran ring by way of an exciplex intermediate. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 888-97	4.2	14
72	Synthesis of a multitopic pyrene-thiophene-anthracene-2,2':6,2'-terpyridine array. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 2503-2506	2	14
71	Accessing molecular memory via a disulfide switch. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 417-427	3.6	13
70	Intramolecular Delayed Fluorescence as a Tool for Imaging Science: Synthesis and Photophysical Properties of a First-Generation Emitter. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 1931-1938	9.6	13
69	Controlling the torsion angle via adventitious cation binding. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 3947-3949	2	13
68	Bodipy-ruthenium(II) tris-bipyridyl dyads for homogeneous photochemical oxidations. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 7011-7014	2	12
67	Simultaneous fluorescence and redox modulation in an irreversible photochrome based on a strained dibenzo-acridinium cation. <i>Organic and Biomolecular Chemistry</i> , <b>2006</b> , 4, 3886-8	3.9	12

66	Synthesis of extended ethynyl-naphthalene-based ruthenium(II) 2,2':6',2''-terpyridine complexes. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 7883-7885	2	12
65	An Unusually Shallow Distance-Dependence for Triplet-Energy Transfer. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 4457-4460	3.6	12
64	Photocatalysis and self-catalyzed photobleaching with covalently-linked chromophore-quencher conjugates built around BOPHY. <i>Photochemical and Photobiological Sciences</i> , <b>2018</b> , 17, 750-762	4.2	11
63	Photoisomerization of sterically hindered merocyanine dyes. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1997</b> , 93, 3653-3662		11
62	Competition between energy transfer and interligand electron transfer in porphyrin-osmium(II) bis(2,2':6',2''-terpyridine) dyads. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 8918-24	2.8	11
61	An apparent angle dependence for the nonradiative deactivation of excited triplet states of sterically constrained, binuclear ruthenium(II) bis(2,2':6',2''-terpyridine) complexes. <i>Journal of Physical Chemistry A</i> , <b>2006</b> , 110, 9880-6	2.8	11
60	Synthesis of a redox-active molecular switch based on dibenzo[1,2]dithiine. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 9135-9138	2	11
59	Conformational control of electron delocalisation in geometrically-constrained, binuclear ruthenium(II) bis(2,2':6',2''-terpyridine) complexes. <i>Physical Chemistry Chemical Physics</i> , <b>2004</b> , 6, 875-877 <sup>3,6</sup>		11
58	Controlling electron delocalisation in constrained N,N'-dimethyl-4,4'-bipyridinium dications. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 7291-7293	2	11
57	Slow magnetic relaxation in a dimeric MnCa complex enabled by the large Mn(III) rhombicity. <i>Dalton Transactions</i> , <b>2017</b> , 46, 720-732	4.3	10
56	Macrocyclic ligands designed to impose tetrahedral coordination: [1-(3-dimethylaminopropyl)-1,5,9-triazacyclododecane], L1, [1{2-(pyrrolidin-1-yl)ethyl}-1,5,9-triazacyclododecane], L2, and their zinc(II) complexes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1991</b> , 706		10
55	Selenospiropyrans incorporating appended pyrene chromophores. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 4292-4295		9
54	Photophysical investigation of the triplet manifold of mono- and bis-phenylethynyl-(2,2':6',2''-terpyridine) ruthenium(II) complexes. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 753-758	2.7	9
53	Synthesis of a biphenyl-based cyclophane via benzidine rearrangement of a constrained m-nitrophenol derivative. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 2665-2667	2	9
52	Exciton Migration and Surface Trapping for a Photonic Crystal Displaying Charge-Recombination Fluorescence. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 15420-15429	4.8	9
51	Locally Excited State-Charge Transfer State Coupled Dyes as Optically Responsive Neuron Firing Probes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 14639-14649	4.8	8
50	Building off the back of chelators: Synthesis of 3,3'-bis(4-methylphenyl)-2,2':6',2''-terpyridine. <i>Tetrahedron Letters</i> , <b>1997</b> , 38, 8279-8282	2	8
49	Effect of the parent ligand on the photophysical properties of closely-coupled, binuclear ruthenium(II) tris(2,2'-bipyridine) complexes. <i>Dalton Transactions</i> , <b>2004</b> , 1233-8	4.3	8

48	Solid-State Emission from Mono- and Bichromophoric Boron Dipyrromethene (BODIPY) Derivatives and Comparison with Fluid Solution. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15634-15645	4.8	7
47	Colour-responsive fluorescent oxy radical sensors. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 1775-84.9	3.9	7
46	Cation chelating [2]catenanes and cyclophanes based on 2,2'-bipyridine. <i>Tetrahedron Letters</i> , <b>1997</b> , 38, 3577-3580	2	7
45	Photophysical Properties of a Supramolecular Interlocked Conjugate. <i>Journal of Physical Chemistry A</i> , <b>2003</b> , 107, 4669-4675	2.8	7
44	Synthesis of Functionalized Cyclophanes via a Self-Templating Effect. <i>Synlett</i> , <b>1993</b> , 1993, 223-226	2.2	7
43	Double-tailed long chain BODIPYs - Synthesis, characterization and preliminary studies on their use as lipid fluorescence probes. <i>Journal of Molecular Structure</i> , <b>2017</b> , 1146, 62-69	3.4	6
42	Künstlicher Phototropismus: reversible Photoseparation von selbstorganisierten Komplexen. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 2451-2454	3.6	6
41	The synthesis of small azamacrocycles bearing pendant aromatic functionalities.: The crystal structures of [Cu(L1)2](PF6)2, [(L1)CuCl2], [Cu(L6)(NO3)2] and [Cu2(L7?H)2(OH2)2](PF6)2·BH2O (L1=N-(mesitylethyl)-1,4,7-triazacyclononane, L6=N-(4-hydroxymethylbenzyl)-1,4,7-triazacyclononane, L7=N-(4-benzylcarboxylic	2.7	6
40	Detailed photophysical properties of a functionalized ruthenium(II) polypyridyl complex: through-space solvent effects. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 458-464	3.6	6
39	A simple method for desymmetrizing 1,1'-ferrocenedicarboxaldehyde. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 3777-3780	2	5
38	Synthesis, Molecular Structure and Properties of a Ferrocene-Based Difluoropyrrolo-Oxaborole Derivative. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 6212-6219	2.3	5
37	Photoinduced charge shift and charge recombination through an alkynyl spacer for an expanded acridinium-based dyad. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 3194-9	3.6	5
36	Meso-thienyl and furyl rotor effects in BF2-chelated dipyrin dyes: solution spectroscopic studies and X-ray structural packing analysis of isomer and congener effects. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 4299-4314	1.6	5
35	Highly-strained cyclophanes bearing both photo- and electro-active constituents. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 5315-5318	2	5
34	Evolution of manganese-calcium cluster structures based on nitrogen and oxygen donor ligands. <i>CrystEngComm</i> , <b>2017</b> , 19, 3674-3681	3.3	4
33	Enhanced in vivo Optical Imaging of the Inflammatory Response to Acute Liver Injury in C57BL/6 Mice Using a Highly Bright Near-Infrared BODIPY Dye. <i>ChemMedChem</i> , <b>2019</b> , 14, 995-999	3.7	4
32	Synthesis of a zinc(II) cage-like structure based on 1,4-bis((1H-imidazolyl-1-yl)methyl)benzene and 5-sulfoisophthalic acid. <i>Polyhedron</i> , <b>2014</b> , 67, 301-305	2.7	4
31	Monitoring Rheological Properties in Biological Systems by Fluorescence Spectroscopy using Borondipyrromethene (Bodipy) Dyes: A Mini Review. <i>Journal of Analytical &amp; Bioanalytical Techniques</i> , <b>2014</b> , 5,		4



30	Homoleptic and Heteroleptic Ruthenium(II) Complexes Based on 2,6-Bis(quinolin-2-yl)pyridine Ligands [Multiple-Charged-State Modules for Potential Density Memory Storage. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 786-793	2.3	4
29	ROFRET: a molecular-scale fluorescent probe displaying viscosity-enhanced intramolecular Förster energy transfer. <i>ChemPhysChem</i> , <b>2014</b> , 15, 3089-96	3.2	4
28	Solid Phase and Solution Phase Structural Characterization of Pyrene-Based, T-Shaped Molecular Dyads. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 1653-1658	3.2	4
27	Enhanced Photostability of a Ruthenium(II) Polypyridyl Complex under Highly Oxidizing Aqueous Conditions by Its Partial Inclusion into a Cyclodextrin. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1133-40	4.8	4
26	Low molecular weight Neutral Boron Dipyrromethene (Bodipy) dyads for fluorescence-based neural imaging. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1065-1066, 10-15	3.4	3
25	Chemistry. Corraling positively charged molecular radicals. <i>Science</i> , <b>2013</b> , 339, 404-5	33.3	3
24	Charge transfer properties of a donor-acceptor dyad based on an expanded acridinium cation. <i>RSC Advances</i> , <b>2013</b> , 3, 4995	3.7	3
23	The quest for highly fluorescent chromophores: evaluation of 1H,3H-isochromeno[6,5,4-mna]xanthene-1,3-dione (CXD). <i>RSC Advances</i> , <b>2014</b> , 4, 53072-53078	3.7	3
22	Effect of pressure on the solubilization of a fluorescent merocyanine dye by a nonionic surfactant. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 253-60	3.4	3
21	Providing power for miniaturized medical implants: triplet sensitization of semiconductor surfaces. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2013</b> , 371, 20120334	3	3
20	A sterically constrained bis(2,2':6',2''-terpyridine) ligand. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, o2452-o2454		3
19	A ditopic receptor for cation binding and facilitated transport through a supported liquid membrane. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 3483-3490	2.7	3
18	Hydrogen peroxide assisted photorelease of an anthraquinone-based ligand from [Ru(2,2'-bipyridine)(9,10-dioxo-9,10-dihydroanthracen-1-olate)]Cl in aqueous solution. <i>Dalton Transactions</i> , <b>2020</b> , 49, 13243-13252	4.3	3
17	Charge Shift/Recombination and Triplet Formation in a Molecular Dyad based on a Borondipyrromethene (Bodipy) and an Expanded Acridinium Cation. <i>ChemPhotoChem</i> , <b>2018</b> , 2, 277-282	3.3	3
16	Rosindone revisited: a computational and photophysical study of 7-phenylbenzo[a]phenazine-5(7H)-one (PBP). <i>Photochemical and Photobiological Sciences</i> , <b>2019</b> , 18, 140-147	4.2	2
15	An unprecedented oxidised julolidine-BODIPY conjugate and its application in real-time ratiometric fluorescence sensing of sulfite. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 7360-7368	3.9	2
14	Complexation Enhanced Excited-State Deactivation by Lithium Ion Coordination to a Borondipyrromethene (Bodipy) Donor-Bridge-Acceptor Dyad. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6859-6869	3.2	2
13	Freezing and glass transition phenomena for 1,2-dichloroethane under high pressure as revealed by fluorescence spectroscopy. <i>RSC Advances</i> , <b>2012</b> , 2, 1936	3.7	2

12	Sulfonation of Phenalenone Revisited: Preparation and Characterisation of Sodium 1H-Phenalene-1-One-5-Sulfonate. <i>Journal of Chemical Research</i> , <b>2010</b> , 34, 603-605	0.6	2
11	DNA Binding of a Molecular-Scale Receptor in the Presence of Zinc(II) Ions. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 1384-1391	3.2	2
10	Functional nanostructures incorporating responsive modules <b>2002</b> , 693-747		2
9	Photoactive Cyclophanes <b>1996</b> , 179-197		2
8	Synchronized Click and Templated Synthesis of a Fluorescent Pyrene Crown Ether. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 2560-2565	3.2	1
7	Photophysical properties of an extended bis-oxonol dye. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2004</b> , 163, 61-67	4.7	1
6	Hydrogenases: From Biomimetic to Bioinspired Models. <i>Series on Chemistry, Energy and the Environment</i> , <b>2019</b> , 89-121	0.2	1
5	Neutral Lipophilic Palladium(II) Complexes and their Applications in Electrocatalytic Hydrogen Production and C-C Coupling Reactions. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 813-822	2.3	1
4	Functionalized fluorescent terephthalate monomers and their attempted polyester formation. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 8735-8745	3.9	1
3	Voltage-induced fluorescence lifetime imaging of a BODIPY derivative in giant unilamellar vesicles as potential neuron membrane mimics. <i>Chemical Communications</i> , <b>2021</b> , 57, 12631-12634	5.8	0
2	Autocatalytic photodegradation of [Ru(II)(2,2'-bipyridine)DAD] (DADH = 1,2-dihydroxyanthracene-9,10-dione) by hydrogen peroxide under acidic aqueous conditions. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7640-7646	4.3	0
1	Structure and Photophysical properties of Constrained Donor-Acceptor [2]Catenanes Bearing An Appended Secondary Donor. <i>Journal of Chemical Research</i> , <b>2000</b> , 2000, 360-361	0.6	