

# Luke J O'driscoll

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

182  
citations

1040056

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h-index

1199594

12  
g-index

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12  
docs citations

12  
times ranked

280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical control of the single molecule conductance of a conjugated bis(pyrrolo)tetrathiafulvalene based molecular switch. <i>Chemical Science</i> , 2017, 8, 6123-6130.	7.4	31
2	A review of oligo(arylene ethynylene) derivatives in molecular junctions. <i>Nanoscale</i> , 2021, 13, 10668-10711.	5.6	24
3	Carbazole-Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 882-889.	13.8	22
4	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. <i>Dalton Transactions</i> , 2020, 49, 2190-2208.	3.3	19
5	Extended curly arrow rules to rationalise and predict structural effects on quantum interference in molecular junctions. <i>Nanoscale</i> , 2021, 13, 1103-1123.	5.6	17
6	Formation of Two-Dimensional Micelles on Graphene: Multi-Scale Theoretical and Experimental Study. <i>ACS Nano</i> , 2017, 11, 3404-3412.	14.6	14
7	Advances in the synthesis of functionalised pyrrolotetrathiafulvalenes. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1112-1122.	2.2	13
8	Reversible Thermal Switching of Aqueous Dispersibility of Multiwalled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2015, 21, 3891-3894.	3.3	13
9	Heteroatom Effects on Quantum Interference in Molecular Junctions: Modulating Antiresonances by Molecular Design. <i>Journal of Physical Chemistry C</i> , 2021, 125, 17385-17391.	3.1	10
10	Salts accelerate the switching kinetics of a cyclobis(paraquat- <i>p</i> -phenylene) [2]rotaxane. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2432-2441.	2.8	7
11	Key role of the linker in pyrene-linker-carboxylate surfactants for the efficient aqueous dispersion of multiwalled carbon nanotubes. <i>RSC Advances</i> , 2015, 5, 95360-95368.	3.6	6
12	Carbazole-Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. <i>Angewandte Chemie</i> , 2020, 132, 892-899.	2.0	6