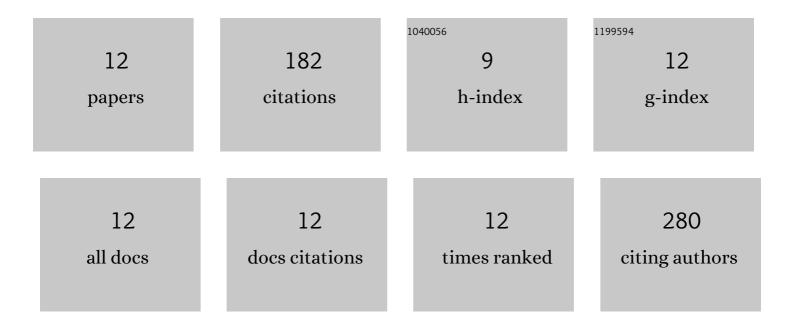
## Luke J O'driscoll

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7381194/publications.pdf Version: 2024-02-01



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