Daniel G Congrave

List of Publications by Year
in descending order

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19 papers	570 citations	759233 12 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	790 citing authors

#	Article	IF	Citations
1	A solution-processable near-infrared thermally activated delayed fluorescent dye with a fused aromatic acceptor and aggregation induced emission behavior. Journal of Materials Chemistry C, 2022, 10, 4831-4836.	5.5	9
2	Simultaneous enhancement of thermally activated delayed fluorescence and photoluminescence quantum yield via homoconjugation. Journal of Materials Chemistry C, 2022, 10, 6306-6313.	5.5	7
3	Suppressing aggregation induced quenching in anthracene based conjugated polymers. Polymer Chemistry, 2021, 12, 1830-1836.	3.9	17
4	Intrinsic photogeneration of long-lived charges in a donor-orthogonal acceptor conjugated polymer. Chemical Science, 2021, 12, 8165-8177.	7.4	3
5	Molecular Encapsulation of Naphthalene Diimide (NDI) Based Ï€â€Conjugated Polymers: A Tool for Understanding Photoluminescence. Angewandte Chemie - International Edition, 2021, 60, 25005-25012.	13.8	18
6	Doubly Encapsulated Perylene Diimides: Effect of Molecular Encapsulation on Photophysical Properties. Journal of Organic Chemistry, 2020, 85, 207-214.	3.2	25
7	Suppressing Solid-State Quenching in Red-Emitting Conjugated Polymers. Chemistry of Materials, 2020, 32, 10140-10145.	6.7	23
8	A Simple Molecular Design Strategy for Delayed Fluorescence toward 1000 nm. Journal of the American Chemical Society, 2019, 141, 18390-18394.	13.7	137
9	Homoconjugation enhances the photophysical and electrochemical properties of a new 3D intramolecular charge transfer iptycene displaying deep blue emission. Journal of Materials Chemistry C, 2019, 7, 12886-12890.	5.5	11
10	Delayed Blue Fluorescence via Upper-Triplet State Crossing from Câ€“C Bonded Donorâ€“Acceptor Charge Transfer Molecules with Azatriangulene Cores. Chemistry of Materials, 2019, 31, 6684-6695.	6.7	33
11	Triazatruxene: A Rigid Central Donor Unit for a Dâ€“A₃ Thermally Activated Delayed Fluorescence Material Exhibiting Subâ€Microsecond Reverse Intersystem Crossing and Unity Quantum Yield via Multiple Singletâ€“Triplet State Pairs. Advanced Science, 2018, 5, 1700989.	11.2	145
12	Sky-blue emitting bridged diiridium complexes: beneficial effects of intramolecular Ï€â€“Ï€ stacking. Dalton Transactions, 2018, 47, 2086-2098.	3.3	27
13	3,4-Phenylenedioxythiophenes (PheDOTs) functionalized with electron-withdrawing groups and their analogs for organic electronics. Journal of Materials Chemistry C, 2018, 6, 3743-3756.	5.5	15
14	Recent advances in luminescent dinuclear iridium(III) complexes and their application in organic electroluminescent devices. Polyhedron, 2018, 140, 146-157.	2.2	42
15	Development of a Cobalt Electrode for the Determination of Phosphate in Soil Extracts and Comparison with Standard Methods. Analytical Letters, 2018, 51, 834-848.	1.8	13
16	Highly luminescent 2-phenylpyridine-free diiridium complexes with bulky 1,2-diarylimidazole cyclometalating ligands. Dalton Transactions, 2018, 47, 16524-16533.	3.3	10
17	Intramolecular Ï€â€“Ï€ Interactions with a Chiral Auxiliary Ligand Control Diastereoselectivity in a Cyclometalated Ir(III) Complex. Inorganic Chemistry, 2018, 57, 12836-12849.	4.0	8
18	Synthesis, Diastereomer Separation, and Optoelectronic and Structural Properties of Dinuclear Cyclometalated Iridium(III) Complexes with Bridging Diarylhydrazide Ligands. Organometallics, 2017, 36, 981-993.	2.3	25

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19	Molecular Encapsulation of Naphthalene Diimide (NDI) Based Ï€â€Conjugated Polymers: A Tool for Understanding Photoluminescence. Angewandte Chemie, 0, , .	2.0	2