Tyler Fleetham

List of Publications by Year
in descending order

29 papers	2,144 citations	361413 20 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	1803 citing authors

#	Article	IF	Citations
1	Symmetric â€œDouble Spiroâ€•Wide Energy Gap Hosts for Blue Phosphorescent OLED Devices. Advanced Optical Materials, 2022, 10, 2101530.	7.3	14
2	Efficient and stable organic light-emitting devices employing phosphorescent molecular aggregates. Nature Photonics, 2021, 15, 230-237.	31.4	71
3	Phosphorescent OLEDs for Power-Efficient Displays. Series in Display Science and Technology, 2021, , 1-38.	0.6	0
4	Tetradentate Platinum(II) Complexes for Highly Efficient Phosphorescent Emitters and Sky Blue OLEDs. Chemistry of Materials, 2020, 32, 537-548.	6.7	61
5	Tuning the Excited State of Tetradentate Pd(II) Complexes for Highly Efficient Deep-Blue Phosphorescent Materials. Inorganic Chemistry, 2020, 59, 13502-13516.	4.0	16
6	Stable and efficient blue and green organic light emitting diodes employing tetradentate Pt(II) complexes. Applied Physics Letters, 2020, 117, 253301.	3.3	13
7	Tuning State Energies for Narrow Blue Emission in Tetradentate Pyridyl-Carbazole Platinum Complexes. Inorganic Chemistry, 2019, 58, 12348-12357.	4.0	22
8	Phenanthro[9,10-d]triazole and imidazole derivatives: high triplet energy host materials for blue phosphorescent organic light emitting devices. Materials Horizons, 2019, 6, 1179-1186.	12.2	36
9	Stable and efficient sky-blue organic light emitting diodes employing a tetradentate platinum complex. Applied Physics Letters, 2017, 110, .	3.3	34
10	Efficient and stable single-doped white OLEDs using a palladium-based phosphorescent excimer. Chemical Science, 2017, 8, 7983-7990.	7.4	46
11	Phosphorescent Pt(II) and Pd(II) Complexes for Efficient, Highâ€Colorâ€Quality, and Stable OLEDs. Advanced Materials, 2017, 29, 1601861.	21.0	280
12	Improved out-coupling efficiency from a green microcavity OLED with a narrow band emission source. Organic Electronics, 2016, 37, 141-147.	2.6	30
13	Photocurrent enhancements of organic solar cells by altering dewetting of plasmonic Ag nanoparticles. Scientific Reports, 2015, 5, 14250.	3.3	36
14	28.4: Invited Paper: Development of Tetradentate Pt Complexes for Efficient, Stable, and High Color Purity Blue OLEDs. Digest of Technical Papers SID International Symposium, 2015, 46, 411-414.	0.3	10
15	Ground and excited states of zinc phthalocyanine, zinc tetrabenzoporphyrin, and azaporphyrin analogs using DFT and TDDFT with Franck-Condon analysis. Journal of Chemical Physics, 2015, 142, 094310.	3.0	35
16	Harvesting All Electrogenerated Excitons through Metal Assisted Delayed Fluorescent Materials. Advanced Materials, 2015, 27, 2533-2537.	21.0	91
17	Efficient Red-Emitting Platinum Complex with Long Operational Stability. ACS Applied Materials & Interfaces, 2015, 7, 16240-16246.	8.0	90
18	Highly Efficient and Stable Narrowâ€Band Phosphorescent Emitters for OLED Applications. Advanced Optical Materials, 2015, 3, 390-397.	7.3	115

#	Article	IF	Citations
19	Recent advances in white organic light-emitting diodes employing a single-emissive material. Journal of Photonics for Energy, 2014, 4, 040991.	1.3	20
20	Enhanced external quantum efficiency employing organic anode interfacial layers. , 2014, , .		0
21	Tetradentate Platinum Complexes for Efficient and Stable Excimerâ€Based White OLEDs. Advanced Functional Materials, 2014, 24, 6066-6073.	14.9	107
22	Efficient and Stable White Organic Lightâ€Emitting Diodes Employing a Single Emitter. Advanced Materials, 2014, 26, 2931-2936.	21.0	157
23	Efficient â€œPureâ€•Blue OLEDs Employing Tetradentate Pt Complexes with a Narrow Spectral Bandwidth. Advanced Materials, 2014, 26, 7116-7121.	21.0	280
24	Singleâ€Doped White Organic Lightâ€Emitting Device with an External Quantum Efficiency Over 20%. Advanced Materials, 2013, 25, 2573-2576.	21.0	148
25	Highly Efficient Blueâ€Emitting Cyclometalated Platinum(II) Complexes by Judicious Molecular Design. Angewandte Chemie - International Edition, 2013, 52, 6753-6756.	13.8	263
26	White organic light emitting diodes using Pt-based red, green, and blue phosphorescent dopants. , 2013, , .		1
27	External quantum efficiency enhancement in organic photovoltaic devices employing dual organic anode interfacial layers. Applied Physics Letters, 2013, 103, 083303.	3.3	11
28	Paper No 5.1: Highly Efficient Blueâ€Green OLEDs From Tetradentate Cyclometalated Platinum Complexes. Digest of Technical Papers SID International Symposium, 2013, 44, 152-155.	0.3	11
29	Efficient deep blue electrophosphorescent devices based on platinum(II) bis(n-methyl-imidazolyl)benzene chloride. Organic Electronics, 2012, 13, 1430-1435.	2.6	100