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	Efficient â€œPureâ€•Blue OLEDs Employing Tetradentate Pt Complexes with a Narrow Spectral Bandwidth. Advanced Materials, 2014, 26, 7116-7121.	21.0	280
2	Phosphorescent Pt(II) and Pd(II) Complexes for Efficient, Highâ€Colorâ€Quality, and Stable OLEDs. Advanced Materials, 2017, 29, 1601861.	21.0	280
3	Highly Efficient Blueâ€Emitting Cyclometalated Platinum(II) Complexes by Judicious Molecular Design. Angewandte Chemie - International Edition, 2013, 52, 6753-6756.	13.8	263
4	Efficient and Stable White Organic Lightâ€Emitting Diodes Employing a Single Emitter. Advanced Materials, 2014, 26, 2931-2936.	21.0	157
5	Singleâ€Doped White Organic Lightâ€Emitting Device with an External Quantum Efficiency Over 20%. Advanced Materials, 2013, 25, 2573-2576.	21.0	148
6	Highly Efficient and Stable Narrowâ€Band Phosphorescent Emitters for OLED Applications. Advanced Optical Materials, 2015, 3, 390-397.	7.3	115
7	Tetradentate Platinum Complexes for Efficient and Stable Excimerâ€Based White OLEDs. Advanced Functional Materials, 2014, 24, 6066-6073.	14.9	107
8	Efficient deep blue electrophosphorescent devices based on platinum(II) bis(n-methyl-imidazolyl)benzene chloride. Organic Electronics, 2012, 13, 1430-1435.	2.6	100
9	Harvesting All Electrogenerated Excitons through Metal Assisted Delayed Fluorescent Materials. Advanced Materials, 2015, 27, 2533-2537.	21.0	91
10	Efficient Red-Emitting Platinum Complex with Long Operational Stability. ACS Applied Materials & Interfaces, 2015, 7, 16240-16246.	8.0	90
11	Efficient and stable organic light-emitting devices employing phosphorescent molecular aggregates. Nature Photonics, 2021, 15, 230-237.	31.4	71
12	Tetradentate Platinum(II) Complexes for Highly Efficient Phosphorescent Emitters and Sky Blue OLEDs. Chemistry of Materials, 2020, 32, 537-548.	6.7	61
13	Efficient and stable single-doped white OLEDs using a palladium-based phosphorescent excimer. Chemical Science, 2017, 8, 7983-7990.	7.4	46
14	Photocurrent enhancements of organic solar cells by altering dewetting of plasmonic Ag nanoparticles. Scientific Reports, 2015, 5, 14250.	3.3	36
15	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
16	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
17	Stable and efficient sky-blue organic light emitting diodes employing a tetradentate platinum complex. Applied Physics Letters, 2017, 110, .	3.3	34
18	Improved out-coupling efficiency from a green microcavity OLED with a narrow band emission source. Organic Electronics, 2016, 37, 141-147.	2.6	30

#	Article	IF	Citations
19	Tuning State Energies for Narrow Blue Emission in Tetradentate Pyridyl-Carbazole Platinum Complexes. Inorganic Chemistry, 2019, 58, 12348-12357.	4.0	22
20	Recent advances in white organic light-emitting diodes employing a single-emissive material. Journal of Photonics for Energy, 2014, 4, 040991.	1.3	20
21	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
22	Symmetric â€œDouble Spiroâ€•Wide Energy Gap Hosts for Blue Phosphorescent OLED Devices. Advanced Optical Materials, 2022, 10, 2101530.	7.3	14
23	Stable and efficient blue and green organic light emitting diodes employing tetradentate Pt(II) complexes. Applied Physics Letters, 2020, 117, 253301.	3.3	13
24	External quantum efficiency enhancement in organic photovoltaic devices employing dual organic anode interfacial layers. Applied Physics Letters, 2013, 103, 083303.	3.3	11
25	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
26	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
27	White organic light emitting diodes using Pt-based red, green, and blue phosphorescent dopants. , 2013, , .		1
28	Enhanced external quantum efficiency employing organic anode interfacial layers. , 2014, , .		0
29	Phosphorescent OLEDs for Power-Efficient Displays. Series in Display Science and Technology, 2021, , 1-38.	0.6	0