

Durai Karthik

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,165
citations

759233

12
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

904
citing authors

#	ARTICLE	IF	CITATIONS
1	Anthracene-dibenzofuran based electron transport type hosts for long lifetime multiple resonance pure blue OLEDs. <i>Organic Electronics</i> , 2022, 105, 106501.	2.6	20
2	Achieving High Efficiency and Pure Blue Color in Hyperfluorescence Organic Light Emitting Diodes using Organo-Boron Based Emitters. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	67
3	A New BODIPY Material for Pure Color and Long Lifetime Red Hyperfluorescence Organic Light-Emitting Diode. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17882-17891.	8.0	41
4	Acceptor-Donor-Acceptor-Type Orange-Red Thermally Activated Delayed Fluorescence Materials Realizing External Quantum Efficiency Over 30% with Low Efficiency Roll-Off. <i>Advanced Materials</i> , 2021, 33, e2007724.	21.0	131
5	Highly efficient blue thermally activated delayed fluorescence organic light emitting diodes based on tercarbazole donor and boron acceptor dyads. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2272-2279.	5.5	44
6	Rigid indolocarbazole donor moiety for highly efficient thermally activated delayed fluorescent device. <i>Dyes and Pigments</i> , 2020, 180, 108485.	3.7	12
7	Recent Advancement in Boron-Based Efficient and Pure Blue Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. <i>Frontiers in Chemistry</i> , 2020, 8, 373.	3.6	68
8	6-8: Efficient and Long Lifetime Blue TADF and Deep Blue Hyper Fluorescent Materials and Devices. <i>Digest of Technical Papers SID International Symposium</i> , 2020, 51, 61-64.	0.3	1
9	P-178: Rigid Indolocarbazole as New Donor Moiety for Highly Efficient Thermally Activated Delayed Fluorescent (TADF) Device. <i>Digest of Technical Papers SID International Symposium</i> , 2020, 51, 2047-2050.	0.3	0
10	Comparative analysis of various indolocarbazole-based emitters on thermally activated delayed fluorescence performances. <i>Organic Electronics</i> , 2019, 74, 282-289.	2.6	10
11	Highly efficient blue thermally activated delayed fluorescence emitters based on symmetrical and rigid oxygen-bridged boron acceptors. <i>Nature Photonics</i> , 2019, 13, 540-546.	31.4	585
12	Highly Twisted Donor-Acceptor Boron Emitter and High Triplet Host Material for Highly Efficient Blue Thermally Activated Delayed Fluorescent Device. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 14909-14916.	8.0	81
13	Blue thermally activated delayed fluorescence emitters with a $\hat{\imath}$ -pyridoindole donor moiety. <i>New Journal of Chemistry</i> , 2018, 42, 5532-5539.	2.8	6
14	Effect of various host characteristics on blue thermally activated delayed fluorescent devices. <i>Organic Electronics</i> , 2018, 59, 39-44.	2.6	24
15	Synthesis, characterization and electroluminescence of carbazole-benzimidazole hybrids with thiophene/phenyl linker. <i>Dyes and Pigments</i> , 2016, 133, 132-142.	3.7	24
16	Synthesis and characterization of thieno[3,4-d]imidazole-based organic sensitizers for photoelectrochemical cells. <i>Dyes and Pigments</i> , 2016, 129, 60-70.	3.7	10
17	Deep-blue emitting pyrene-benzimidazole conjugates for solution processed organic light-emitting diodes. <i>RSC Advances</i> , 2015, 5, 8727-8738.	3.6	31
18	Synthesis and characterization of polybrominated fluorenes and their conversion to polyphenylated fluorenes and cyclopenta[def]triphenylene. <i>Tetrahedron Letters</i> , 2014, 55, 1931-1935.	1.4	7

#	ARTICLE	IF	CITATIONS
19	2,2-Bithiophene-3,3-dicarbonitrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2542-o2542.	0.2	2