

Zeng Xu

List of Publications by Year in descending order

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12
papers

997
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure design and performance of photomultiplication-type organic photodetectors based on an aggregation-induced emission material. <i>Nanoscale</i> , 2020, 12, 2648-2656.	5.6	36
2	Aggregation-induced emission polymers for high performance PLEDs with low efficiency roll-off. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1206-1211.	5.9	21
3	Recent advances in high performance blue organic light-emitting diodes based on fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2614-2642.	5.5	151
4	Tetraphenylbenzene-based AIEgens: horizontally oriented emitters for highly efficient non-doped deep blue OLEDs and hosts for high-performance hybrid WOLEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7012-7018.	5.5	32
5	Pyrene-based blue emitters with aggregation-induced emission features for high-performance organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2283-2290.	5.5	78
6	Creation of Efficient Blue Aggregation-Induced Emission Luminogens for High-Performance Nondoped Blue OLEDs and Hybrid White OLEDs. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17592-17601.	8.0	93
7	Enhanced π Conjugation and Donor/Acceptor Interactions in D-A-D Type Emitter for Highly Efficient Near-Infrared Organic Light-Emitting Diodes with an Emission Peak at 840 nm. <i>Chemistry of Materials</i> , 2019, 31, 6499-6505.	6.7	68
8	High Efficiency and Low Roll-Off Hybrid WOLEDs by Using a Deep Blue Aggregation-Induced Emission Material Simultaneously as Blue Emitter and Phosphor Host. <i>Advanced Optical Materials</i> , 2019, 7, 1801539.	7.3	23
9	Highly Efficient Deep Blue Aggregation-Induced Emission Organic Molecule: A Promising Multifunctional Electroluminescence Material for Blue/Green/Orange/Red/White OLEDs with Superior Efficiency and Low Roll-Off. <i>ACS Photonics</i> , 2019, 6, 767-778.	6.6	75
10	Design and performance study of high efficiency/low efficiency roll-off/high CRI hybrid WOLEDs based on aggregation-induced emission materials as fluorescent emitters. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2652-2658.	5.9	17
11	Highly Efficient Circularly Polarized Electroluminescence from Aggregation-Induced Emission Luminogens with Amplified Chirality and Delayed Fluorescence. <i>Advanced Functional Materials</i> , 2018, 28, 1800051.	14.9	302
12	Facile access to deep red/near-infrared emissive AIEgens for efficient non-doped OLEDs. <i>Chemical Science</i> , 2018, 9, 6118-6125.	7.4	101