

Qiang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

997
citations

623734

14
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1212
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional luminophores with dual emitting cores: TADF emitters with AIE properties for efficient solution- and evaporation-processed doped and non-doped OLEDs. <i>Chemical Engineering Journal</i> , 2022, 431, 133249.	12.7	14
2	Solution-processable orange-red thermally activated delayed fluorescence emitters with 3,6-disubstituted carbazole for highly efficient OLEDs with low efficiency roll-off. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2034-2041.	5.5	9
3	1,8-Naphthalimide-based hybrids for efficient red thermally activated delayed fluorescence organic light-emitting diodes. <i>Organic Electronics</i> , 2021, 88, 106012.	2.6	14
4	Small-molecule acceptors with long alkyl chains for high-performance as-cast nonfullerene organic solar cells. <i>Organic Electronics</i> , 2021, 93, 106167.	2.6	6
5	Influence of the terminal group on optoelectronic properties of fused-ring nonfullerene acceptors with ethylhexyl side chain. <i>Dyes and Pigments</i> , 2021, 194, 109635.	3.7	1
6	Phthalonitrile-based bipolar host for efficient green to red phosphorescent and TADF OLEDs. <i>Dyes and Pigments</i> , 2020, 173, 107895.	3.7	12
7	Evolution of pure hydrocarbon hosts: simpler structure, higher performance and universal application in RGB phosphorescent organic light-emitting diodes. <i>Chemical Science</i> , 2020, 11, 4887-4894.	7.4	58
8	Diphenylamine/triazine hybrids as bipolar hosts for phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4461-4468.	5.5	14
9	Highly efficient electroluminescence from evaporation- and solution-processable orange-red thermally activated delayed fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12321-12327.	5.5	31
10	A universal host material with a simple structure for monochrome and white phosphorescent/TADF OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 558-566.	5.5	39
11	Bifunctional Hydroxylamine Hydrochloride Incorporated Perovskite Films for Efficient and Stable Planar Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 900-909.	5.1	81
12	Realizing efficient red thermally activated delayed fluorescence organic light-emitting diodes using phenoxazine/phenothiazine-phenanthrene hybrids. <i>Organic Electronics</i> , 2018, 59, 32-38.	2.6	35
13	Non-fullerene small molecule electron acceptors for high-performance organic solar cells. <i>Journal of Energy Chemistry</i> , 2018, 27, 990-1016.	12.9	12
14	Effect of Linking Pattern of Dibenzothiophene-S,S-dioxide-Containing Conjugated Microporous Polymers on the Photocatalytic Performance. <i>Macromolecules</i> , 2018, 51, 9502-9508.	4.8	113
15	Hybrid host materials for highly efficient electrophosphorescence and thermally activated delayed fluorescence independent of the linkage mode. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5177-5184.	2.8	12
16	Versatile Donor-Acceptor-Type Aggregation-Enhanced Emission Active Fluorophores as Both Highly Efficient Nondoped Emitter and Excellent Host. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32946-32956.	8.0	40
17	Improving lifetime of phosphorescent organic light-emitting diodes by using a non-conjugated hybrid host. <i>Organic Electronics</i> , 2016, 32, 21-26.	2.6	16
18	New Benzimidazole-Based Bipolar Hosts: Highly Efficient Phosphorescent and Thermally Activated Delayed Fluorescent Organic Light-Emitting Diodes Employing the Same Device Structure. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2635-2643.	8.0	99

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19	Charge carrier mobility through vacuum-deposited glassy films of s-triazine- and carbazole-based bipolar hybrid and unipolar compounds. <i>Organic Electronics</i> , 2013, 14, 2925-2931.	2.6	8
20	Evaluation of propylene-, meta-, and para-linked triazine and tert-butyltriphenylamine as bipolar hosts for phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2224.	5.5	33
21	Temporal stability of blue phosphorescent organic light-emitting diodes affected by thermal annealing of emitting layers. <i>Journal of Materials Chemistry</i> , 2012, 22, 23175.	6.7	24
22	Multifunctional Triphenylamine/Oxadiazole Hybrid as Host and Exciton Blocking Material: High Efficiency Green Phosphorescent OLEDs Using Easily Available and Common Materials. <i>Advanced Functional Materials</i> , 2010, 20, 2923-2929.	14.9	159
23	Morphologically and electrochemically stable bipolar host for efficient green electrophosphorescence. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 2438.	2.8	47
24	Molecular design of host materials based on triphenylamine/oxadiazole hybrids for excellent deep-red phosphorescent organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2010, 20, 1759.	6.7	120