

Chenyang Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

781
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1106
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Phosphonate/Phosphine Oxide Dyad Additive for Efficient Perovskite Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2022, 134, . | 2.0 | 3 |
| 2 | Suppressing thermal quenching via defect passivation for efficient quasi-2D perovskite light-emitting diodes. <i>Light: Science and Applications</i> , 2022, 11, 69. | 16.6 | 60 |
| 3 | Domain Controlling by Compound Additive toward Highly Efficient Quasi-2D Perovskite Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2021, 31, 2103890. | 14.9 | 40 |
| 4 | Quasi-2D lead halide perovskite gain materials toward electrical pumping laser. <i>Nanophotonics</i> , 2021, 10, 2167-2180. | 6.0 | 17 |
| 5 | Engineering of Annealing and Surface Passivation toward Efficient and Stable Quasi-2D Perovskite Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11645-11651. | 4.6 | 9 |
| 6 | Stable room-temperature continuous-wave lasing in quasi-2D perovskite films. <i>Nature</i> , 2020, 585, 53-57. | 27.8 | 384 |
| 7 | Perovskite Light-Emitting Diodes. <i>CCS Chemistry</i> , 2020, 2, 859-869. | 7.8 | 52 |
| 8 | Achieving Deep-Blue Thermally Activated Delayed Fluorescence in Nondoped Organic Light-Emitting Diodes through a Spiro-Blocking Strategy. <i>ACS Omega</i> , 2019, 4, 1861-1867. | 3.5 | 36 |
| 9 | High efficiency and low roll-off hybrid white organic light emitting diodes by strategically introducing multi-ultrathin phosphorescent layers in blue exciplex emitter. <i>Journal of Applied Physics</i> , 2019, 125, . | 2.5 | 12 |
| 10 | Extremely Low Roll-Off and High Efficiency Achieved by Strategic Exciton Management in Organic Light-Emitting Diodes with Simple Ultrathin Emitting Layer Structure. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8148-8154. | 8.0 | 29 |
| 11 | Controlling excimer formation in indolo[3,2,1- <i>jk</i>]carbazole/9 <i>H</i> -carbazole based host materials for RGB PhOLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9914-9924. | 5.5 | 18 |
| 12 | Using Simple Fused-Ring Thieno[2,3- <i>cd</i>]pyrimidine to Construct Orange/Red Ir(III) Complexes: High-Performance Red Organic Light-Emitting Diodes with EQEs up to Nearly 28%. <i>Advanced Optical Materials</i> , 2018, 6, 1800108. | 7.3 | 28 |
| 13 | High-performance hybrid white organic light-emitting diodes with simple emitting structures and low efficiency roll-off based on blue thermally activated delayed fluorescence emitters with bipolar transport characteristics. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9510-9516. | 5.5 | 27 |
| 14 | Facile tailoring of the electrical transport in representative hole transport materials by molecular doping. <i>RSC Advances</i> , 2018, 8, 26230-26236. | 3.6 | 3 |
| 15 | Thieno[3,4- <i>c</i>]pyrrole-4,6-dione as novel building block for host materials for red PhOLEDs. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1997-2004. | 5.5 | 10 |
| 16 | Functional organic click-materials: application in phosphorescent organic light emitting diodes. <i>RSC Advances</i> , 2017, 7, 12150-12160. | 3.6 | 9 |
| 17 | Isomeric N-Linked Benzoimidazole Containing New Electron Acceptors for Exciplex Forming Hosts in Highly Efficient Blue Phosphorescent OLEDs. <i>Advanced Optical Materials</i> , 2017, 5, 1700036. | 7.3 | 21 |
| 18 | High efficiency phosphorescent white organic light-emitting diodes with low efficiency roll-off achieved by strategic exciton management based on simple ultrathin emitting layer structures. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12833-12838. | 5.5 | 23 |