

Jian Li

List of Publications by Year in descending order

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32
papers

2,495
citations

304743

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395702

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docs citations

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2149
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Efficient "Pure" Blue OLEDs Employing Tetradentate Pt Complexes with a Narrow Spectral Bandwidth. <i>Advanced Materials</i> , 2014, 26, 7116-7121. | 21.0 | 280 |
| 2 | Phosphorescent Pt(II) and Pd(II) Complexes for Efficient, High Color Quality, and Stable OLEDs. <i>Advanced Materials</i> , 2017, 29, 1601861. | 21.0 | 280 |
| 3 | Highly Efficient Blue-Emitting Cyclometalated Platinum(II) Complexes by Judicious Molecular Design. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6753-6756. | 13.8 | 263 |
| 4 | Efficient Blue and White-Emitting Electrophosphorescent Devices Based on Platinum(II) [1,3-Difluoro-4,6-di(2-pyridinyl)benzene] Chloride. <i>Advanced Materials</i> , 2008, 20, 2405-2409. | 21.0 | 206 |
| 5 | Efficient and Stable White Organic Light-Emitting Diodes Employing a Single Emitter. <i>Advanced Materials</i> , 2014, 26, 2931-2936. | 21.0 | 157 |
| 6 | Single-Doped White Organic Light-Emitting Device with an External Quantum Efficiency Over 20%. <i>Advanced Materials</i> , 2013, 25, 2573-2576. | 21.0 | 148 |
| 7 | Highly Efficient and Stable Narrow-Band Phosphorescent Emitters for OLED Applications. <i>Advanced Optical Materials</i> , 2015, 3, 390-397. | 7.3 | 115 |
| 8 | Tetradentate Platinum Complexes for Efficient and Stable Excimer-Based White OLEDs. <i>Advanced Functional Materials</i> , 2014, 24, 6066-6073. | 14.9 | 107 |
| 9 | High performance bulk-heterojunction organic solar cells fabricated with non-halogenated solvent processing. <i>Organic Electronics</i> , 2011, 12, 1465-1470. | 2.6 | 91 |
| 10 | Harvesting All Electrogenerated Excitons through Metal Assisted Delayed Fluorescent Materials. <i>Advanced Materials</i> , 2015, 27, 2533-2537. | 21.0 | 91 |
| 11 | Efficient Cyclometalated Platinum(II) Complex with Superior Operational Stability. <i>Advanced Materials</i> , 2017, 29, 1605002. | 21.0 | 80 |
| 12 | Efficient Blue Phosphorescent OLEDs with Improved Stability and Color Purity through Judicious Triplet Exciton Management. <i>Advanced Functional Materials</i> , 2019, 29, 1903068. | 14.9 | 78 |
| 13 | Efficient and stable organic light-emitting devices employing phosphorescent molecular aggregates. <i>Nature Photonics</i> , 2021, 15, 230-237. | 31.4 | 71 |
| 14 | Metal complex based delayed fluorescence materials. <i>Organic Electronics</i> , 2019, 69, 135-152. | 2.6 | 65 |
| 15 | Modifying Emission Spectral Bandwidth of Phosphorescent Platinum(II) Complexes Through Synthetic Control. <i>Inorganic Chemistry</i> , 2017, 56, 8244-8256. | 4.0 | 62 |
| 16 | Efficient and stable single-doped white OLEDs using a palladium-based phosphorescent excimer. <i>Chemical Science</i> , 2017, 8, 7983-7990. | 7.4 | 46 |
| 17 | Highly Efficient Blue OLEDs Based on Metal-Assisted Delayed Fluorescence Pd(II) Complexes. <i>Advanced Optical Materials</i> , 2019, 7, 1801518. | 7.3 | 43 |
| 18 | Efficient and stable red organic light emitting devices from a tetradentate cyclometalated platinum complex. <i>Organic Electronics</i> , 2014, 15, 1862-1867. | 2.6 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Novel Carbazole/Fluorene-Based Host Material for Stable and Efficient Phosphorescent OLEDs. ACS Applied Materials & Interfaces, 2019, 11, 40320-40331. | 8.0 | 39 |
| 20 | Efficient white OLEDs employing red, green, and blue tetradentate platinum phosphorescent emitters. Organic Electronics, 2016, 37, 163-168. | 2.6 | 32 |
| 21 | Improved out-coupling efficiency from a green microcavity OLED with a narrow band emission source. Organic Electronics, 2016, 37, 141-147. | 2.6 | 30 |
| 22 | Stable and Efficient Near-Infrared Organic Light-Emitting Diodes Employing a Platinum(II) Porphyrin Complex. ACS Applied Materials & Interfaces, 2021, 13, 60261-60268. | 8.0 | 20 |
| 23 | CuCl-Catalyzed Hydroxylation of <i>N</i> -Heteroarylcarbazole Bromide: Approach for the Preparation of <i>N</i> -Heteroarylcarbazolyl Phenols and Its Application in the Synthesis of Phosphorescent Emitters. Journal of Organic Chemistry, 2017, 82, 8634-8644. | 3.2 | 17 |
| 24 | Enhanced open-circuit voltage in organic photovoltaic cells with partially chlorinated zinc phthalocyanine. Journal of Materials Science, 2013, 48, 7104-7114. | 3.7 | 14 |
| 25 | Efficient excimer-based white OLEDs with reduced efficiency roll-off. Applied Physics Letters, 2021, 118, . | 3.3 | 13 |
| 26 | Efficient and Stable Molecular Aggregate-Based Organic Light-Emitting Diodes with Judicious Ligand Design. Advanced Materials, 2021, 33, e2101423. | 21.0 | 13 |
| 27 | Stable and efficient blue and green organic light emitting diodes employing tetradentate Pt(II) complexes. Applied Physics Letters, 2020, 117, 253301. | 3.3 | 13 |
| 28 | Paper No 5.1: Highly Efficient Blue-Green OLEDs From Tetradentate Cyclometalated Platinum Complexes. Digest of Technical Papers SID International Symposium, 2013, 44, 152-155. | 0.3 | 11 |
| 29 | <i>N</i> -Heterocyclic Carbene-Based Tetradentate Pd(II) Complexes for Deep-Blue Phosphorescent Materials. Organometallics, 2021, 40, 472-481. | 2.3 | 10 |
| 30 | Efficient and Practical Synthesis of Electron Transport Material and Its Key Intermediate. Organic Process Research and Development, 2017, 21, 1675-1681. | 2.7 | 6 |
| 31 | Emulating the short-term plasticity of a biological synapse with a ruthenium complex-based organic mixed ionic-electronic conductor. Materials Advances, 2022, 3, 2827-2837. | 5.4 | 6 |
| 32 | Multi-mode Organic Light-Emitting Diode to Suppress the Viewing Angle Dependence. ACS Applied Materials & Interfaces, 2020, 12, 31667-31676. | 8.0 | 3 |