# Jian Deng

## List of Publications by Citations



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|---|---|---|---|
| 12 papers | 318 citations | 7 h-index | 13 g-index |
| 13 ext. papers | 409 ext. citations | 6.5 avg, IF | 3.11 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 12 | A highly soluble, crystalline covalent organic framework compatible with device implementation. *Chemical Science*, **2019**, 10, 1023-1028 | 9.4 | 102 |
| 11 | Highly Efficient Deep Blue Organic Light-Emitting Diodes Based on Imidazole: Significantly Enhanced Performance by Effective Energy Transfer with Negligible Efficiency Roll-off. *ACS Applied Materials & Interfaces*, **2016**, 8, 28771-28779 | 9.5 | 90 |
| 10 | An ambipolar organic field-effect transistor based on an AIE-active single crystal with a high mobility level of 2.0 cm(2) V(-1) s(-1). *Chemical Communications*, **2016**, 52, 2370-3 | 5.8 | 55 |
| 9 | Cyano-substituted oligo(p-phenylene vinylene) single-crystal with balanced hole and electron injection and transport for ambipolar field-effect transistors. *Physical Chemistry Chemical Physics*, **2015**, 17, 3421-5 | 3.6 | 19 |
| 8 | Efficient Organic Light-Emitting Transistors Based on High-Quality Ambipolar Single Crystals. *ACS Applied Materials & Interfaces*, **2020**, 12, 43976-43983 | 9.5 | 17 |
| 7 | Functionality of peripheral side chain for enhanced performance of conjugated polymer F8BT as an example. *Journal of Polymer Science Part A*, **2011**, 49, 4549-4555 | 2.5 | 15 |
| 6 | Lamellar Organic Light-Emitting Crystals Exhibiting Spectral Gain and 3.6% External Quantum Efficiency in Transistors **2021**, 3, 428-432 | | 9 |
| 5 | Restorable piezochromism phenomenon in an AIE molecular crystal: combined synchronous Raman scattering. *Faraday Discussions*, **2017**, 196, 415-426 | 3.6 | 3 |
| 4 | Organic single crystals of cyano-substituted -phenylene vinylene derivatives as transistors with low surface trap density. *Chemical Communications*, **2020**, 56, 13776-13779 | 5.8 | 3 |
| 3 | Highly efficient photocatalytic hydrogen evolution based on conjugated molecular micro/nano-crystalline sheets. *Journal of Materials Chemistry A*, **2021**, 9, 2120-2125 | 13 | 3 |
| 2 | Highly sensitive detecting system to precisely evaluate the emission spectra and quantum efficiency of organic crystal light-emitting transistors. *Optics Letters*, **2021**, 46, 3296-3299 | 3 | 0 |
| 1 | Molecular design and crystallization process control for thin sheet-shaped organic semiconductor crystals with two-dimensional packing. *Journal of Materials Chemistry C*, | 7.1 | 0 |