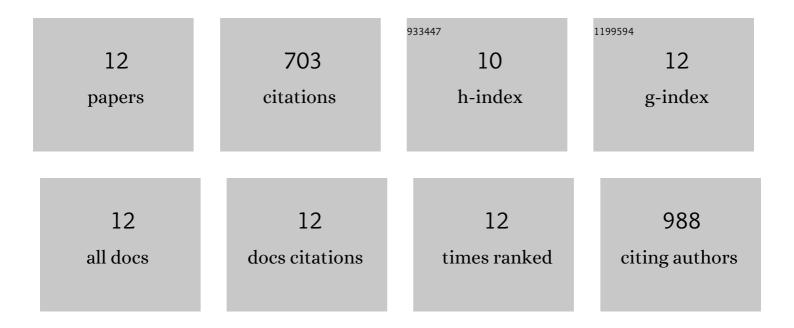
Bomi Sim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10790404/publications.pdf Version: 2024-02-01



ROMI SIM

#	Article	IF	CITATIONS
1	Comprehensive Model of the Degradation of Organic Light-Emitting Diodes and Application for Efficient, Stable Blue Phosphorescent Devices with Reduced Influence of Polarons. Physical Review Applied, 2020, 14, .	3.8	25
2	Phosphorescent OLEDs: Sky-Blue Phosphorescent OLEDs with 34.1% External Quantum Efficiency Using a Low Refractive Index Electron Transporting Layer (Adv. Mater. 24/2016). Advanced Materials, 2016, 28, 4758-4758.	21.0	6
3	N-Type Molecular Doping in Organic Semiconductors: Formation and Dissociation Efficiencies of a Charge Transfer Complex. Journal of Physical Chemistry C, 2016, 120, 9475-9481.	3.1	27
4	Synthesis and characterization of highly efficient blue Ir(III) complexes by tailoring $\hat{1}^2$ -diketonate ancillary ligand for highly efficient PhOLED applications. Organic Electronics, 2016, 39, 91-99.	2.6	13
5	Highly efficient non-doped deep blue fluorescent emitters with horizontal emitting dipoles using interconnecting units between chromophores. Chemical Communications, 2016, 52, 10956-10959.	4.1	48
6	Quantitative Analysis of the Efficiency of OLEDs. ACS Applied Materials & Interfaces, 2016, 8, 33010-33018.	8.0	30
7	Skyâ€Blue Phosphorescent OLEDs with 34.1% External Quantum Efficiency Using a Low Refractive Index Electron Transporting Layer. Advanced Materials, 2016, 28, 4920-4925.	21.0	238
8	Crystal Organic Lightâ€Emitting Diodes with Perfectly Oriented Nonâ€Doped Ptâ€Based Emitting Layer. Advanced Materials, 2016, 28, 2526-2532.	21.0	206
9	Efficient Vacuum-Deposited Ternary Organic Solar Cells with Broad Absorption, Energy Transfer, and Enhanced Hole Mobility. ACS Applied Materials & Interfaces, 2016, 8, 1214-1219.	8.0	26
10	Triplet Harvesting by a Conventional Fluorescent Emitter Using Reverse Intersystem Crossing of Host Triplet Exciplex. Advanced Optical Materials, 2015, 3, 895-899.	7.3	73
11	Efficient Vacuumâ€Deposited Tandem Organic Solar Cells with Fill Factors Higher Than Singleâ€Junction Subcells. Advanced Energy Materials, 2015, 5, 1500228.	19.5	10
12	Triplet Harvesting: Triplet Harvesting by a Conventional Fluorescent Emitter Using Reverse Intersystem Crossing of Host Triplet Exciplex (Advanced Optical Materials 7/2015). Advanced Optical Materials, 2015, 3, 846-846.	7.3	1