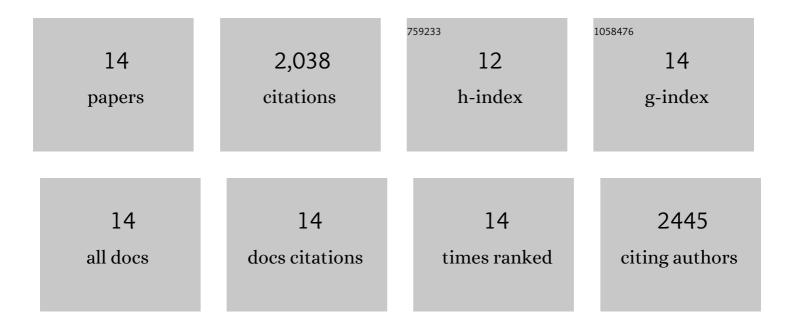
Yunzhou Deng

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7363598/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Quantumâ€Dot Lightâ€Emitting Diodes for Largeâ€Area Displays: Towards the Dawn of Commercialization. Advanced Materials, 2017, 29, 1607022.	21.0	620
2	Efficient blue light-emitting diodes based on quantum-confined bromide perovskite nanostructures. Nature Photonics, 2019, 13, 760-764.	31.4	483
3	Electrochemically-stable ligands bridge the photoluminescence-electroluminescence gap of quantum dots. Nature Communications, 2020, 11, 937.	12.8	184
4	Solution-processed green and blue quantum-dot light-emitting diodes with eliminated charge leakage. Nature Photonics, 2022, 16, 505-511.	31.4	152
5	Highâ€Performance, Solutionâ€Processed, and Insulatingâ€Layerâ€Free Lightâ€Emitting Diodes Based on Colloidal Quantum Dots. Advanced Materials, 2018, 30, e1801387.	21.0	151
6	Electrically-driven single-photon sources based on colloidal quantum dots with near-optimal antibunching at room temperature. Nature Communications, 2017, 8, 1132.	12.8	105
7	Deciphering exciton-generation processes in quantum-dot electroluminescence. Nature Communications, 2020, 11, 2309.	12.8	96
8	Shelf‧table Quantumâ€Dot Lightâ€Emitting Diodes with High Operational Performance. Advanced Materials, 2020, 32, e2006178.	21.0	68
9	Efficient light-emitting diodes based on oriented perovskite nanoplatelets. Science Advances, 2021, 7, eabg8458.	10.3	68
10	Highâ€Performance Quantumâ€Dot Lightâ€Emitting Diodes Using NiO <i>_x</i> Holeâ€Injection Layers with a High and Stable Work Function. Advanced Functional Materials, 2020, 30, 1907265.	14.9	48
11	Design of the Hole-Injection/Hole-Transport Interfaces for Stable Quantum-Dot Light-Emitting Diodes. Journal of Physical Chemistry Letters, 2020, 11, 4649-4654.	4.6	34
12	Solvent Resistant Hole-Transporting Thin Films via Diacetylene Cross-Linking and Their Applications in Solution-Processed QLEDs. ACS Applied Polymer Materials, 2020, 2, 3274-3281.	4.4	16
13	On the accurate characterization of quantum-dot light-emitting diodes for display applications. Npj Flexible Electronics, 2022, 6, .	10.7	8
14	Quantum-dot light-emitting diodes with Fermi-level pinning at the hole-injection/hole-transporting interfaces. Nano Research, 2022, 15, 7453-7459.	10.4	5