

# Yunzhou Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7363598/publications.pdf>

Version: 2024-02-01

14  
papers

2,038  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2445  
citing authors

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