

# Chung Hyeon Jang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5444306/publications.pdf>

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9  
papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Control of Interface Defects for Efficient and Stable Quasi-2D Perovskite Light-Emitting Diodes Using Nickel Oxide Hole Injection Layer. <i>Advanced Science</i> , 2018, 5, 1801350.	11.2	92
2	Versatile Defect Passivation Methods for Metal Halide Perovskite Materials and their Application to Light-Emitting Devices. <i>Advanced Materials</i> , 2019, 31, e1805244.	21.0	92
3	Multifunctional Charge Transporting Materials for Perovskite Light-Emitting Diodes. <i>Advanced Materials</i> , 2020, 32, e2002176.	21.0	55
4	Multiply Charged Conjugated Polyelectrolytes as a Multifunctional Interlayer for Efficient and Scalable Perovskite Solar Cells. <i>Advanced Materials</i> , 2020, 32, e2002333.	21.0	48
5	Conjugated Polyelectrolytes as Multifunctional Passivating and Hole-Transporting Layers for Efficient Perovskite Light-Emitting Diodes. <i>Advanced Materials</i> , 2019, 31, e1900067.	21.0	44
6	Sky-Blue-Emissive Perovskite Light-Emitting Diodes: Crystal Growth and Interfacial Control Using Conjugated Polyelectrolytes as a Hole-Transporting Layer. <i>ACS Nano</i> , 2020, 14, 13246-13255.	14.6	38
7	Uniform and Large-Area Cesium-Based Quasi-2D Perovskite Light-Emitting Diodes Using Hot-Casting Method. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902158.	3.7	25
8	Conjugated Polyelectrolytes Bearing Various Ion Densities: Spontaneous Dipole Generation, Poling-Induced Dipole Alignment, and Interfacial Energy Barrier Control for Optoelectronic Device Applications. <i>Advanced Materials</i> , 2018, 30, e1706034.	21.0	12
9	A-Site Cation Engineering for Efficient Blue-Emissive Perovskite Light-Emitting Diodes. <i>Energies</i> , 2020, 13, 6689.	3.1	5