

Shih-Jung Ho

List of Publications by Year in descending order

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papers

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247
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#	ARTICLE	IF	CITATIONS
1	Inkjet-Printed Salt-Encapsulated Quantum Dot Film for UV-Based RGB Color-Converted Micro-Light Emitting Diode Displays. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33346-33351.	8.0	63
2	Inhibiting the Surface Oxidation of Low-Cadmim-Content ZnS:(Cd,Se) Quantum Dots for Enhancing Application Reliability. <i>ACS Applied Nano Materials</i> , 2019, 2, 5290-5301.	5.0	33
3	Wide gamut white light emitting diodes using quantum dot-silicone film protected by an atomic layer deposited TiO ₂ barrier. <i>Chemical Communications</i> , 2015, 51, 14750-14753.	4.1	28
4	Highly Luminescent Dual-Color-Emitting Alloyed [Zn _x Cd _{1-x} Se _y S _{1-y}] Quantum Dots: Investigation of Bimodal Growth and Application to Lighting. <i>Journal of Physical Chemistry C</i> , 2017, 121, 28373-28384.	3.1	28
5	Toward low-cost large-area CIGS thin film: Compositional and structural variations in sequentially electrodeposited CIGS thin films. <i>Solar Energy</i> , 2016, 125, 415-425.	6.1	26
6	Polycarbonate light guide plates with embedded quantum dots fabricated by large-scale injection moulding for wide colour gamut displays. <i>Materials and Design</i> , 2021, 201, 109504.	7.0	26
7	Cubic Zincblende ZnSe Nanowires with an Entangling Structure Grown via Oriented Attachment and Their Application in Organic-Inorganic Heterojunction Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25816-25822.	3.1	16
8	Toward low-cost large-area CIGS thin film III: Effect of Se concentration on crystal growth and defect formation of sequentially electrodeposited CIGS thin films. <i>Solar Energy</i> , 2016, 132, 547-557.	6.1	16
9	Inverse $\sqrt{4}$ -photonic crystals enhanced the features of mini-sized quantum dot LEDs. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4309-4313.	5.5	15
10	Toward low-cost large-area CIGS thin film II: Out-of-plane compositional variations of sequentially electrodeposited Cu/In/Cu/Ga/Cu stacked layers selenized in rapid thermal process. <i>Solar Energy</i> , 2016, 129, 116-125.	6.1	14
11	3D quantum dot-lens fabricated by stereolithographic printing with in-situ UV curing for lighting and displays. <i>Composites Part B: Engineering</i> , 2021, 226, 109350.	12.0	13
12	Dual-Wavelength Electroluminescent QLEDs Composed of Mixed Alloyed Quantum Dots. <i>ACS Applied Nano Materials</i> , 2020, 3, 8763-8770.	5.0	11
13	Patterned-Free Electroluminescent Quantum Dot Emitting Array for Passive-Matrix QLED Display. <i>Advanced Materials Technologies</i> , 2022, 7, 2100889.	5.8	11
14	One-pot synthesis of cubic ZnSe entangled nanowires and hexagonal Se nanorods. <i>RSC Advances</i> , 2014, 4, 52898-52902.	3.6	7
15	65 th : Transparent Electroluminescent QLEDs with High Brightness Double-Side Emission Fabricated in Atmosphere. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 971-974.	0.3	0
16	Patterned-Free Electroluminescent Quantum Dot Emitting Array for Passive-Matrix QLED Display (<i>Adv. Mater. Technol.</i> 3/2022). <i>Advanced Materials Technologies</i> , 2022, 7, .	5.8	0