

Yang Liu

List of Publications by Year in descending order

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16
papers

1,070
citations

687220

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940416

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times ranked

1520
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet-printed unclonable quantum dot fluorescent anti-counterfeiting labels with artificial intelligence authentication. <i>Nature Communications</i> , 2019, 10, 2409.	5.8	293
2	Efficient All-Solution Processed Quantum Dot Light Emitting Diodes Based on Inkjet Printing Technique. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25506-25512.	4.0	155
3	Optoelectronic Perovskite Synapses for Neuromorphic Computing. <i>Advanced Functional Materials</i> , 2020, 30, 1908901.	7.8	142
4	Fluorescent Microarrays of <i>in Situ</i> Crystallized Perovskite Nanocomposites Fabricated for Patterned Applications by Using Inkjet Printing. <i>ACS Nano</i> , 2019, 13, 2042-2049.	7.3	120
5	Inkjet-Printed Photodetector Arrays Based on Hybrid Perovskite CH ₃ NH ₃ PbI ₃ Microwires. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11662-11668.	4.0	81
6	Unclonable Perovskite Fluorescent Dots with Fingerprint Pattern for Multilevel Anticounterfeiting. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 39649-39656.	4.0	55
7	Self-assembly of coordination polymers on plasmonic surfaces for computer vision decodable, unclonable and colorful security labels. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13040-13046.	2.7	49
8	Inkjet-Printed Quantum Dot Fluorescent Security Labels with Triple-Level Optical Encryption. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15701-15708.	4.0	38
9	Efficient inkjet-printed blue OLED with boosted charge transport using host doping for application in pixelated display. <i>Optical Materials</i> , 2020, 101, 109755.	1.7	28
10	Ultrahighly Efficient White Quantum Dot Light-Emitting Diodes Operating at Low Voltage. <i>Advanced Optical Materials</i> , 2020, 8, 2001479.	3.6	27
11	Moving Binary-Color Heterojunction for Spatiotemporal Multilevel Encryption <i>via</i> Directional Swelling and Anion Exchange. <i>ACS Nano</i> , 2021, 15, 7628-7637.	7.3	19
12	Emissions at Perovskite Quantum Dot/Film Interface with Halide Anion Exchange. <i>ACS Photonics</i> , 2018, 5, 4504-4512.	3.2	17
13	All-solution-processed high-performance quantum dot light emitting devices employing an inorganic thiocyanate as hole injection layer. <i>Organic Electronics</i> , 2019, 70, 279-285.	1.4	16
14	Highly flexible light emitting diodes based on a quantum dots-polymer composite emitting layer. <i>Vacuum</i> , 2019, 163, 282-286.	1.6	12
15	Quantum Dot Self-Assembly Deposition in Physically Confined Microscale Space by Using an Inkjet Printing Technique. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8605-8613.	2.1	9
16	Perovskite Nanocrystals with Tunable Fluorescent Intensity during Anion Exchange for Dynamic Optical Encryption. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47072-47080.	4.0	9