

Haikuo Gao

List of Publications by Year in descending order

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papers

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citations

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times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Light-Emitting Transistors Entering a New Development Stage. <i>Advanced Materials</i> , 2021, 33, e2007149.	21.0	99
2	High-Efficiency Single-Component Organic Light-Emitting Transistors. <i>Advanced Materials</i> , 2019, 31, e1903175.	21.0	98
3	Organic Laser Molecule with High Mobility, High Photoluminescence Quantum Yield, and Deep-Blue Lasing Characteristics. <i>Journal of the American Chemical Society</i> , 2020, 142, 6332-6339.	13.7	90
4	Vertical Organic Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2019, 29, 1808453.	14.9	64
5	Molecular doped, color-tunable, high-mobility, emissive, organic semiconductors for light-emitting transistors. <i>Science Advances</i> , 2022, 8, .	10.3	31
6	Redistributed Current Density in Lateral Organic Light-Emitting Transistors Enabling Uniform Area Emission with Good Stability and Arbitrary Tunability. <i>Advanced Materials</i> , 2022, 34, e2108795.	21.0	26
7	High-performance amorphous organic semiconductor-based vertical field-effect transistors and light-emitting transistors. <i>Nanoscale</i> , 2020, 12, 18371-18378.	5.6	23
8	High Mobility Organic Lasing Semiconductor with Crystallization-Enhanced Emission for Light-Emitting Transistors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20274-20279.	13.8	23
9	Intrinsic Linear Dichroism of Organic Single Crystals toward High-Performance Polarization-Sensitive Photodetectors. <i>Advanced Materials</i> , 2022, 34, e2105665.	21.0	23
10	Well-balanced ambipolar diketopyrrolopyrrole-based copolymers for OFETs, inverters and frequency doublers. <i>Science China Chemistry</i> , 2021, 64, 1410-1416.	8.2	19
11	Research on Key Materials and Devices of Organic Light-emitting Transistors. <i>Acta Chimica Sinica</i> , 2022, 80, 327.	1.4	6
12	High Mobility Organic Lasing Semiconductor with Crystallization-Enhanced Emission for Light-Emitting Transistors. <i>Angewandte Chemie</i> , 2021, 133, 20436-20441.	2.0	5
13	Organic permeable base light-emitting transistor: a new concept device architecture for display technology. <i>Science China Chemistry</i> , 2021, 64, 1261-1262.	8.2	1
14	Organic Light-Emitting Transistors: High-Efficiency Single-Component Organic Light-Emitting Transistors (<i>Adv. Mater.</i> 37/2019). <i>Advanced Materials</i> , 2019, 31, 1970266.	21.0	0
15	Organic Light-Emitting Transistors: Organic Light-Emitting Transistors Entering a New Development Stage (<i>Adv. Mater.</i> 31/2021). <i>Advanced Materials</i> , 2021, 33, 2170245.	21.0	0