

Akifumi Yamamura

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

530
citations

932766

10
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between the static and dynamic responses of organic single-crystal field-effect transistors. <i>Nature Communications</i> , 2020, 11, 4839.	5.8	24
2	Coherent Electron Transport in Airâ€Stable, Printed Singleâ€Crystal Organic Semiconductor and Application to Megahertz Transistors. <i>Advanced Materials</i> , 2020, 32, e2003245.	11.1	19
3	Low-voltage complementary inverters using solution-processed, high-mobility organic single-crystal transistors fabricated by polymer-blend printing. <i>Applied Physics Letters</i> , 2020, 117, 033301.	1.5	12
4	Damage-free Metal Electrode Transfer to Monolayer Organic Single Crystalline Thin Films. <i>Scientific Reports</i> , 2020, 10, 4702.	1.6	17
5	Sub-molecular structural relaxation at a physisorbed interface with monolayer organic single-crystal semiconductors. <i>Communications Physics</i> , 2020, 3, .	2.0	10
6	Solution-processed flexible metal-oxide thin-film transistors operating beyond 20 MHz. <i>Flexible and Printed Electronics</i> , 2020, 5, 015003.	1.5	25
7	Highâ€Speed Organic Singleâ€Crystal Transistor Responding to Very High Frequency Band. <i>Advanced Functional Materials</i> , 2020, 30, 1909501.	7.8	57
8	Patterned Quantum Dot Photosensitive FETs for Medium Frequency Optoelectronics. <i>Advanced Materials Technologies</i> , 2019, 4, 1900054.	3.0	10
9	Scalable Fabrication of Organic Single-Crystalline Wafers for Reproducible TFT Arrays. <i>Scientific Reports</i> , 2019, 9, 15897.	1.6	39
10	Wafer-scale, layer-controlled organic single crystals for high-speed circuit operation. <i>Science Advances</i> , 2018, 4, eaao5758.	4.7	237
11	Remarkably low flicker noise in solution-processed organic single crystal transistors. <i>Communications Physics</i> , 2018, 1, .	2.0	23
12	Painting Integrated Complementary Logic Circuits for Singleâ€Crystal Organic Transistors: A Demonstration of a Digital Wireless Communication Sensing Tag. <i>Advanced Electronic Materials</i> , 2017, 3, 1600456.	2.6	57