

Suoming Zhang

List of Publications by Year in descending order

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894
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687363

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1904
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrashort Channel Length Black Phosphorus Field-Effect Transistors. ACS Nano, 2015, 9, 9236-9243.	14.6	138
2	Fully Printed Stretchable Thin-Film Transistors and Integrated Logic Circuits. ACS Nano, 2016, 10, 11459-11468.	14.6	118
3	Photothermal Effect Induced Negative Photoconductivity and High Responsivity in Flexible Black Phosphorus Transistors. ACS Nano, 2017, 11, 6048-6056.	14.6	104
4	Air-Stable Humidity Sensor Using Few-Layer Black Phosphorus. ACS Applied Materials & Interfaces, 2017, 9, 10019-10026.	8.0	92
5	Fully Printed Silver Nanoparticle-Based Strain Gauges with Record High Sensitivity. Advanced Electronic Materials, 2017, 3, 1700067.	5.1	75
6	Direct Printing for Additive Patterning of Silver Nanowires for Stretchable Sensor and Display Applications. Advanced Materials Technologies, 2018, 3, 1700232.	5.8	68
7	Single Pixel Black Phosphorus Photodetector for Near-Infrared Imaging. Small, 2018, 14, 1702082.	10.0	56
8	Vertically Stacked and Self-Encapsulated van der Waals Heterojunction Diodes Using Two-Dimensional Layered Semiconductors. ACS Nano, 2017, 11, 10472-10479.	14.6	55
9	Fully Printed Foldable Integrated Logic Gates with Tunable Performance Using Semiconducting Carbon Nanotubes. Advanced Functional Materials, 2015, 25, 5698-5705.	14.9	52
10	Black Phosphorus Schottky Diodes: Channel Length Scaling and Application as Photodetectors. Advanced Electronic Materials, 2016, 2, 1500346.	5.1	51
11	Fully Printed Flexible Dual-Gate Carbon Nanotube Thin-Film Transistors with Tunable Ambipolar Characteristics for Complementary Logic Circuits. ACS Nano, 2018, 12, 11572-11578.	14.6	42
12	Fully printed flexible carbon nanotube photodetectors. Applied Physics Letters, 2017, 110, .	3.3	23
13	Bolometric-Effect-Based Wavelength-Selective Photodetectors Using Sorted Single Chirality Carbon Nanotubes. Scientific Reports, 2015, 5, 17883.	3.3	20