

Weisheng Li

List of Publications by Year in descending order

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12
papers

1,060
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Epitaxial growth of wafer-scale molybdenum disulfide semiconductor single crystals on sapphire. Nature Nanotechnology, 2021, 16, 1201-1207.	31.5	339
2	Uniform and ultrathin high- κ gate dielectrics for two-dimensional electronic devices. Nature Electronics, 2019, 2, 563-571.	26.0	204
3	Uniform nucleation and epitaxy of bilayer molybdenum disulfide on sapphire. Nature, 2022, 605, 69-75.	27.8	174
4	Three-dimensional monolithic micro-LED display driven by atomically thin transistor matrix. Nature Nanotechnology, 2021, 16, 1231-1236.	31.5	120
5	Sensitive and Ultrabroadband Phototransistor Based on Two-Dimensional Bi ₂ O ₂ Se Nanosheets. Advanced Functional Materials, 2019, 29, 1905806.	14.9	106
6	Sub-thermionic, ultra-high-gain organic transistors and circuits. Nature Communications, 2021, 12, 1928.	12.8	83
7	High-Performance CVD MoS ₂ Transistors with Self-Aligned Top-Gate and Bi Contact. , 2021, , .		13
8	Toward High-mobility and Low-power 2D MoS ₂ Field-effect Transistors. , 2018, , .		9
9	Bi ₂ O ₂ Se/Au-Based Schottky Phototransistor With Fast Response and Ultrahigh Responsivity. IEEE Electron Device Letters, 2020, 41, 1464-1467.	3.9	5
10	Reliability of Ultrathin High- κ Dielectrics on Chemical-vapor Deposited 2D Semiconductors. , 2020, , .		5
11	A compact model for transition metal dichalcogenide field effect transistors with effects of interface traps. Science China Information Sciences, 2021, 64, 1.	4.3	2
12	Reliability of Ultrathin High κ Dielectrics on 2D Semiconductors. , 2021, , .		0