

Ying Guo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

818
citations

759055

12
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance sub-10 nm monolayer Bi ₂ O ₂ Se transistors. <i>Nanoscale</i> , 2019, 11, 532-540.	2.8	196
2	Schottky barrier heights in two-dimensional field-effect transistors: from theory to experiment. <i>Reports on Progress in Physics</i> , 2021, 84, 056501.	8.1	97
3	Sub-10Ånm two-dimensional transistors: Theory and experiment. <i>Physics Reports</i> , 2021, 938, 1-72.	10.3	80
4	Electrical Contacts in Monolayer Arsenene Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29273-29284.	4.0	76
5	Monolayer Bismuthene-Metal Contacts: A Theoretical Study. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23128-23140.	4.0	73
6	Three-layer phosphorene-metal interfaces. <i>Nano Research</i> , 2018, 11, 707-721.	5.8	72
7	Electrical contacts in monolayer blue phosphorene devices. <i>Nano Research</i> , 2018, 11, 1834-1849.	5.8	55
8	Gate-tunable interfacial properties of in-plane ML MX ₂ 1Tâ€²â€²2H heterojunctions. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5651-5661.	2.7	54
9	Does the Dirac cone of germanene exist on metal substrates?. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19451-19456.	1.3	39
10	Sub-5 nm monolayer germanium selenide (GeSe) MOSFETs: towards a high performance and stable device. <i>Nanoscale</i> , 2020, 12, 15443-15452.	2.8	27
11	Interfacial properties of staneneâ€²metal contacts. <i>2D Materials</i> , 2016, 3, 035020.	2.0	26
12	n- and p-type ohmic contacts at monolayer gallium nitrideâ€²metal interfaces. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24239-24249.	1.3	13
13	Anisotropic interfacial properties of monolayer GeSeâ€²metal contacts. <i>Semiconductor Science and Technology</i> , 2019, 34, 095021.	1.0	7
14	The Interfacial Properties of Monolayer MXâ€²Metal Contacts. <i>Journal of Electronic Materials</i> , 2022, 51, 4824-4835.	1.0	3