Ying Guo

List of Publications by Year
in descending order

14	818	758635 12	1058022 14
papers	citations	h-index	g-index

14	14	14	843
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Interfacial Properties of Monolayer MXâ€“Metal Contacts. Journal of Electronic Materials, 2022, 51, 4824-4835.	1.0	3
2	Schottky barrier heights in two-dimensional field-effect transistors: from theory to experiment. Reports on Progress in Physics, 2021, 84, 056501.	8.1	97
3	Sub-10Ânm two-dimensional transistors: Theory and experiment. Physics Reports, 2021, 938, 1-72.	10.3	80
4	Sub-5 nm monolayer germanium selenide (GeSe) MOSFETs: towards a high performance and stable device. Nanoscale, 2020, 12, 15443-15452.	2.8	27
5	Anisotropic interfacial properties of monolayer GeSeâ€”metal contacts. Semiconductor Science and Technology, 2019, 34, 095021.	1.0	7
6	High-performance sub-10 nm monolayer Bi₂O₂Se transistors. Nanoscale, 2019, 11, 532-540.	2.8	196
7	Gate-tunable interfacial properties of in-plane ML MX₂ 1Tâ€²â€“2H heterojunctions. Journal of Materials Chemistry C, 2018, 6, 5651-5661.	2.7	54
8	Three-layer phosphorene-metal interfaces. Nano Research, 2018, 11, 707-721.	5.8	72
9	Electrical contacts in monolayer blue phosphorene devices. Nano Research, 2018, 11, 1834-1849.	5.8	55
10	n- and p-type ohmic contacts at monolayer gallium nitrideâ€“metal interfaces. Physical Chemistry Chemical Physics, 2018, 20, 24239-24249.	1.3	13
11	Monolayer Bismuthene-Metal Contacts: A Theoretical Study. ACS Applied Materials & Interfaces, 2017, 9, 23128-23140.	4.0	73
12	Electrical Contacts in Monolayer Arsenene Devices. ACS Applied Materials & Interfaces, 2017, 9, 29273-29284.	4.0	76
13	Does the Dirac cone of germanene exist on metal substrates?. Physical Chemistry Chemical Physics, 2016, 18, 19451-19456.	1.3	39
14	Interfacial properties of staneneâ€“metal contacts. 2D Materials, 2016, 3, 035020.	2.0	26