

Hongxia Zhong

List of Publications by Year in descending order

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10
papers

2,036
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

3252
citing authors

#	ARTICLE	IF	CITATIONS
1	Tellurium Nanowire Gate-All-Around MOSFETs for Sub-5 nm Applications. ACS Applied Materials & Interfaces, 2021, 13, 3387-3396.	8.0	30
2	Many-body Effect, Carrier Mobility, and Device Performance of Hexagonal Arsenene and Antimonene. Chemistry of Materials, 2017, 29, 2191-2201.	6.7	244
3	Rise of silicene: A competitive 2D material. Progress in Materials Science, 2016, 83, 24-151.	32.8	713
4	Interfacial Properties of Monolayer and Bilayer MoS ₂ Contacts with Metals: Beyond the Energy Band Calculations. Scientific Reports, 2016, 6, 21786.	3.3	224
5	Monolayer Phosphoreneâ€“Metal Contacts. Chemistry of Materials, 2016, 28, 2100-2109.	6.7	199
6	Does p-type ohmic contact exist in WSe ₂ â€“metal interfaces?. Nanoscale, 2016, 8, 1179-1191.	5.6	166
7	Graphdiyneâ€“metal contacts and graphdiyne transistors. Nanoscale, 2015, 7, 2116-2127.	5.6	94
8	Highly Conducting, <i>n</i> -Type Bi ₁₂ O ₁₅ Cl ₆ Nanosheets with Superlattice-like Structure. Chemistry of Materials, 2015, 27, 7710-7718.	6.7	55
9	Interlayer interactions in anisotropic atomically thin rhenium diselenide. Nano Research, 2015, 8, 3651-3661.	10.4	159
10	Tunable band gap and doping type in silicene by surface adsorption: towards tunneling transistors. Nanoscale, 2014, 6, 7609-7618.	5.6	151