

Guowei He

List of Publications by Year in descending order

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12
papers

416
citations

1163117

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1281871

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12
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12
docs citations

12
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of graphene atop a Si adlayer on the C-face of SiC. <i>Physical Review Materials</i> , 2019, 3, .	2.4	3
2	Energy Gap Induced by Friedel Oscillations Manifested as Transport Asymmetry at Monolayer-Bilayer Graphene Boundaries. <i>Physical Review X</i> , 2014, 4, .	8.9	39
3	Formation of a Buffer Layer for Graphene on C-Face SiC{0001}. <i>Journal of Electronic Materials</i> , 2014, 43, 819-827.	2.2	4
4	Spatially Resolved Mapping of Electrical Conductivity across Individual Domain (Grain) Boundaries in Graphene. <i>ACS Nano</i> , 2013, 7, 7956-7966.	14.6	124
5	Atomic-Scale Mapping of Thermoelectric Power on Graphene: Role of Defects and Boundaries. <i>Nano Letters</i> , 2013, 13, 3269-3273.	9.1	52
6	Formation of graphene on SiC(0001 \hat{A}) surfaces in disilane and neon environments. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012, 30, 04E102.	1.2	2
7	Characteristics of graphene for quantized hall effect measurements. , 2012, , .		2
8	Interface structure of graphene on SiC(000<mml:math>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 472 Td (xmlns:mml="http://www.w3.org/1	3.2	27
9	Graphene formed on SiC under various environments: comparison of Si-face and C-face. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 154001.	2.8	44
10	Electronic states of InAs/GaAs quantum dots by scanning tunneling spectroscopy. <i>Applied Physics Letters</i> , 2010, 97, 123110.	3.3	11
11	Size, shape, composition, and electronic properties of InAs/GaAs quantum dots by scanning tunneling microscopy and spectroscopy. <i>Journal of Applied Physics</i> , 2010, 108, 114315.	2.5	32
12	Comparison of graphene formation on C-face and Si-face SiC {0001} surfaces. <i>Physical Review B</i> , 2010, 82, .	3.2	76