

Haibing Peng

List of Publications by Year in descending order

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23
papers

1,175
citations

623734

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docs citations

23
times ranked

2422
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Vapor Deposition of Thin Crystals of Layered Semiconductor SnS_2 for Fast Photodetection Application. Nano Letters, 2015, 15, 506-513.	9.1	430
2	Carbon nanotube-graphene junctions studied by impedance spectra. Applied Physics Letters, 2015, 106, 051601.	3.3	14
3	Novel layered two-dimensional semiconductors as the building blocks for nano-electronic/photonic systems. Proceedings of SPIE, 2014, , .	0.8	0
4	High on/off ratio field effect transistors based on exfoliated crystalline SnS_2 nano-membranes. Nanotechnology, 2013, 24, 025202.	2.6	120
5	High mobility and high on/off ratio field-effect transistors based on chemical vapor deposited single-crystal MoS_2 grains. Applied Physics Letters, 2013, 102, .	3.3	217
6	Phonon probe of local strains in $\text{Sn}_x\text{Se}_{2-x}$ mixed crystals. Physical Review B, 2013, 87, .	3.2	37
7	Electric field effects in ultrathin ZrNb nano-crystals. Applied Physics Letters, 2013, 103, 043107.	3.3	3
8	Absence of zero-energy surface bound states in CuBiSe_2 . Applied Physics Letters, 2013, 103, 043107.	3.2	56
9	Negative differential conductance in nano-scale normal metal/superconductor/normal metal junctions featuring $\text{Fe}_{1-x}\text{Te}_x$ and $\text{Te}_{1-x}\text{Se}_x$. Philosophical Magazine, 2012, 92, 3824-3832.	1.6	0
10	Observation of multiple superconducting gaps in $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$ via a nanoscale approach to point-contact spectroscopy. Journal of Physics Condensed Matter, 2012, 24, 455703.	1.8	3
11	AB-Stacked Multilayer Graphene Synthesized via Chemical Vapor Deposition: A Characterization by Hot Carrier Transport. ACS Nano, 2012, 6, 1142-1148.	14.6	13
12	Probing phonon emission via hot carrier transport in suspended graphitic multilayers. Solid State Communications, 2011, 151, 1645-1649.	1.9	2
13	Tunable magnetoresistance behavior in suspended graphitic multilayers through ion implantation. Physical Review B, 2011, 83, .	3.2	5
14	Hot electron transport in suspended multilayer graphene. Physical Review B, 2010, 82, .	3.2	16
15	Microwave electromechanical resonator consisting of clamped carbon nanotubes in an abacus arrangement. Physical Review B, 2007, 76, .	3.2	15
16	Room-temperature single charge sensitivity in carbon nanotube field-effect transistors. Applied Physics Letters, 2006, 89, 243502.	3.3	23
17	Patterned growth of single-walled carbon nanotube arrays from a vapor-deposited Fe catalyst. Applied Physics Letters, 2003, 83, 4238-4240.	3.3	79
18	Exchange biasing and low-field magnetoresistance in $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3/\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ bilayers. Physical Review B, 2000, 61, 8955-8959.	3.2	9

#	ARTICLE	IF	CITATIONS
19	Probing local leakage current and ferroelectricity of Pb(Zr _{0.53} Ti _{0.47})O ₃ /YBa ₂ Cu ₃ O _{7-x} heterostructure by a modified atomic force microscope. Applied Physics Letters, 2000, 76, 1923-1925.	3.3	16
20	Ordered Surface Structure in La _{1-x} Ca _x MnO ₃ Films. Physical Review Letters, 1999, 82, 362-365.	7.8	28
21	Surface pattern and large low-field magnetoresistance in La _{0.5} Ca _{0.5} MnO ₃ films. Applied Physics Letters, 1999, 74, 1606-1608.	3.3	21
22	Asymmetry in the hysteresis loop of Pb(Zr _{0.53} Ti _{0.47})O ₃ /SiO ₂ /Si structures. Journal of Applied Physics, 1999, 86, 4467-4472.	2.5	24
23	Growth and polarization features of highly (100) oriented Pb(Zr _{0.53} Ti _{0.47})O ₃ films on Si with ultrathin SiO ₂ buffer layer. Applied Physics Letters, 1998, 73, 2781-2783.	3.3	44