

# Haibing Peng

## List of Publications by Year in descending order

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23  
papers

1,175  
citations

623734

14  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Vapor Deposition of Thin Crystals of Layered Semiconductor SnS <sub>2</sub> for Fast Photodetection Application. Nano Letters, 2015, 15, 506-513.	9.1	430
2	High mobility and high on/off ratio field-effect transistors based on chemical vapor deposited single-crystal MoS <sub>2</sub> grains. Applied Physics Letters, 2013, 102, .	3.3	217
3	High on/off ratio field effect transistors based on exfoliated crystalline SnS <sub>2</sub> nano-membranes. Nanotechnology, 2013, 24, 025202.	2.6	120
4	Patterned growth of single-walled carbon nanotube arrays from a vapor-deposited Fe catalyst. Applied Physics Letters, 2003, 83, 4238-4240.	3.3	79
5	Absence of zero-energy surface bound states in Cu <sub>2</sub> Bi <sub>2</sub> Se <sub>6</sub> Se <sub>2</sub> heterostructure. Applied Physics Letters, 2015, 106, 051601.	3.2	56
6	Growth and polarization features of highly (100) oriented Pb(Zr <sub>0.53</sub> Ti <sub>0.47</sub> )O <sub>3</sub> films on Si with ultrathin SiO <sub>2</sub> buffer layer. Applied Physics Letters, 1998, 73, 2781-2783.	3.3	44
7	Phonon probe of local strains in SnS <sub>x</sub> Se <sub>2-2x</sub> mixed crystals. Physical Review B, 2013, 87, .	3.2	37
8	Ordered Surface Structure in La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> Films. Physical Review Letters, 1999, 82, 362-365.	7.8	28
9	Asymmetry in the hysteresis loop of Pb(Zr <sub>0.53</sub> Ti <sub>0.47</sub> )O <sub>3</sub> /SiO <sub>2</sub> /Si structures. Journal of Applied Physics, 1999, 86, 4467-4472.	2.5	24
10	Room-temperature single charge sensitivity in carbon nanotube field-effect transistors. Applied Physics Letters, 2006, 89, 243502.	3.3	23
11	Surface pattern and large low-field magnetoresistance in La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> films. Applied Physics Letters, 1999, 74, 1606-1608.	3.3	21
12	Probing local leakage current and ferroelectricity of Pb(Zr <sub>0.53</sub> ,Ti <sub>0.47</sub> )O <sub>3</sub> /YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> heterostructure by a modified atomic force microscope. Applied Physics Letters, 2000, 76, 1923-1925.	3.3	16
13	Hot electron transport in suspended multilayer graphene. Physical Review B, 2010, 82, .	3.2	16
14	Microwave electromechanical resonator consisting of clamped carbon nanotubes in an abacus arrangement. Physical Review B, 2007, 76, .	3.2	15
15	Carbon nanotube-graphene junctions studied by impedance spectra. Applied Physics Letters, 2015, 106, 051601.	3.3	14
16	AB-Stacked Multilayer Graphene Synthesized via Chemical Vapor Deposition: A Characterization by Hot Carrier Transport. ACS Nano, 2012, 6, 1142-1148.	14.6	13
17	Exchange biasing and low-field magnetoresistance in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> /La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> bilayers. Physical Review B, 2000, 61, 8955-8959.	3.2	9
18	Tunable magnetoresistance behavior in suspended graphitic multilayers through ion implantation. Physical Review B, 2011, 83, .	3.2	5

#	ARTICLE	IF	CITATIONS
19	Observation of multiple superconducting gaps in Fe <sub>1+y</sub> Te <sub>1-x</sub> Se <sub>x</sub> via a nanoscale approach to point-contact spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 455703.	1.8	3
20	Electric field effects in ultrathin $\hat{1}^2$ -ZrNBr nano-crystals. <i>Applied Physics Letters</i> , 2013, 103, 043107.	3.3	3
21	Probing phonon emission via hot carrier transport in suspended graphitic multilayers. <i>Solid State Communications</i> , 2011, 151, 1645-1649.	1.9	2
22	Negative differential conductance in nano-scale normal metal/superconductor/normal metal junctions featuring Fe <sub>1-x</sub> Te <sub>1-y</sub> Se <sub>x</sub> . <i>Philosophical Magazine</i> , 2012, 92, 3824-3832.	1.6	0
23	Novel layered two-dimensional semiconductors as the building blocks for nano-electronic/photonic systems. <i>Proceedings of SPIE</i> , 2014, , .	0.8	0