

# Peng Wei

## List of Publications by Year in descending order

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28  
papers

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citations

361045

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476904

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docs citations

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times ranked

4169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Nanocapacitors Based on Wafer-Scale Single-Crystal Hexagonal Boron Nitride Monolayer Films. ACS Applied Nano Materials, 2021, 4, 5685-5695.	2.4	5
2	Strain-Controlled Superconductivity in Few-Layer NbSe <sub>2</sub> . ACS Applied Materials & Interfaces, 2020, 12, 38744-38750.	4.0	14
3	One compound with two distinct topological states. Nature Materials, 2020, 19, 481-482.	13.3	19
4	Spin current from sub-terahertz-generated antiferromagnetic magnons. Nature, 2020, 578, 70-74.	13.7	205
5	Signature of a pair of Majorana zero modes in superconducting gold surface states. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8775-8782.	3.3	112
6	Large-area adlayer-free single-layer h-BN film achieved by controlling intercalation growth. Applied Surface Science, 2019, 498, 143851.	3.1	9
7	Superconductivity in the Surface State of Noble Metal Gold and its Fermi Level Tuning by EuS Dielectric. Physical Review Letters, 2019, 122, 247002.	2.9	18
8	Spin Seebeck Effect from Antiferromagnetic Magnons and Critical Spin Fluctuations in Epitaxial FeF <sub>2</sub> Films. Physical Review Letters, 2019, 122, 217204.	2.9	38
9	Induced Superconductivity and Engineered Josephson Tunneling Devices in Epitaxial (111)-Oriented Gold/Vanadium Heterostructures. Nano Letters, 2016, 16, 2714-2719.	4.5	8
10	A high-temperature ferromagnetic topological insulating phase by proximity coupling. Nature, 2016, 533, 513-516.	13.7	359
11	Strong interfacial exchange field in the graphene/EuS heterostructure. Nature Materials, 2016, 15, 711-716.	13.3	292
12	Zero-Field Dissipationless Chiral Edge Transport and the Nature of Dissipation in the Quantum Anomalous Hall State. Physical Review Letters, 2015, 115, 057206.	2.9	107
13	Proximity-Driven Enhanced Magnetic Order at Ferromagnetic-Insulator/Magnetic-Topological-Insulator Interface. Physical Review Letters, 2015, 115, 087201.	2.9	81
14	Independent Tuning of Electronic Properties and Induced Ferromagnetism in Topological Insulators with Heterostructure Approach. Nano Letters, 2015, 15, 5835-5840.	4.5	111
15	Quantum coherent transport in SnTe topological crystalline insulator thin films. Applied Physics Letters, 2014, 105, .	1.5	68
16	A comparative transport study of Bi <sub>2</sub> Se <sub>3</sub> and Bi <sub>2</sub> Se <sub>3</sub> /yttrium iron garnet. Applied Physics Letters, 2014, 104, .	1.5	44
17	Spin-filtered edge states with an electrically tunable gap in a two-dimensional topological crystalline insulator. Nature Materials, 2014, 13, 178-183.	13.3	287
18	Structure, magnetic ordering, and spin filtering efficiency of NiFe <sub>2</sub> O <sub>4</sub> (111) ultrathin films. Applied Physics Letters, 2014, 104, .	1.5	37

#	ARTICLE	IF	CITATIONS
19	Breaking time reversal symmetry in topological insulators. MRS Bulletin, 2014, 39, 867-872.	1.7	27
20	Exchange-Coupling-Induced Symmetry Breaking in Topological Insulators. Physical Review Letters, 2013, 110, 186807.	2.9	284
21	Effect of carrier mobility on magnetothermoelectric transport properties of graphene. Physical Review B, 2012, 86, .	1.1	24
22	Field-effect mobility enhanced by tuning the Fermi level into the band gap of Bi <sub>2</sub> Se <sub>3</sub> . Physical Review B, 2012, 85, .	1.1	19
23	Tuning the Fermi level in Bi <sub>2</sub> Se <sub>3</sub> bulk materials and transport devices. Frontiers of Physics, 2012, 7, 160-164.	2.4	8
24	Tuning carrier type and density in Bi <sub>2</sub> Se <sub>3</sub> by Ca-doping. Applied Physics Letters, 2010, 97, 042112.	1.5	81
25	Ultra-long bismuth telluride nanoribbons synthesis by lithographically patterned galvanic displacement. Journal of Materials Chemistry, 2010, 20, 9982.	6.7	24
26	Anomalous Thermoelectric Transport of Dirac Particles in Graphene. Physical Review Letters, 2009, 102, 166808.	2.9	382
27	High-field magnetocrystalline anisotropic resistance effect in (Ga,Mn)As. Physical Review B, 2008, 77, .	1.1	33
28	Magnetic and transport properties in layered Nd <sub>1-x</sub> Sr <sub>1+x</sub> CoO <sub>4</sub> . Physical Review B, 2006, 73, .	1.1	29