

Peng Deng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11291326/publications.pdf>

Version: 2024-02-01

21
papers

2,563
citations

516215

16
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

3982
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoscopic Transport of Quantum Anomalous Hall Effect in the Submicron Size Regime. Physical Review Letters, 2022, 128, .	2.9	12
2	Observation of Quantum Anomalous Hall Effect and Exchange Interaction in Topological Insulator/Antiferromagnet Heterostructure. Advanced Materials, 2020, 32, e2001460.	11.1	27
3	Termination switching of antiferromagnetic proximity effect in topological insulator. Science Advances, 2020, 6, eaaz8463.	4.7	20
4	Probing the low-temperature limit of the quantum anomalous Hall effect. Science Advances, 2020, 6, eaaz3595.	4.7	35
5	Strongly Surface State Carrier-Dependent Spin-Orbit Torque in Magnetic Topological Insulators. Advanced Materials, 2020, 32, e1907661.	11.1	29
6	Spin-Orbit Torque Switching of a Nearly Compensated Ferrimagnet by Topological Surface States. Advanced Materials, 2019, 31, e1901681.	11.1	81
7	Interfacial States and Fano-Feshbach Resonance in Graphene-Silicon Vertical Junction. Nano Letters, 2019, 19, 6765-6771.	4.5	2
8	Room-Temperature Spin-Orbit Torque from Topological Surface States. Physical Review Letters, 2019, 123, 207205.	2.9	129
9	Edge States at Nematic Domain Walls in FeSe Films. Nano Letters, 2018, 18, 7176-7180.	4.5	16
10	Proximity-Induced Magnetic Order in a Transferred Topological Insulator Thin Film on a Magnetic Insulator. ACS Nano, 2018, 12, 5042-5050.	7.3	41
11	Stripes developed at the strong limit of nematicity in FeSe film. Nature Physics, 2017, 13, 957-961.	6.5	35
12	Revealing Fermi arcs and Weyl nodes in MoTe2 by quasiparticle interference mapping. Physical Review B, 2017, 95, .	1.1	21
13	Experimental observation of topological Fermi arcs in type-II Weyl semimetal MoTe2. Nature Physics, 2016, 12, 1105-1110.	6.5	663
14	An Efficient Control-Driven Period Optimization Algorithm for Distributed Real-Time Systems. IEEE Transactions on Computers, 2016, 65, 3552-3566.	2.4	19
15	MSim: A general cycle accurate simulation platform for memcomputing studies. , 2014, , .		0
16	MSim: A general cycle accurate simulation platform for memcomputing studies. , 2014, , .		0
17	Superconductivity in a single-layer alkali-doped FeSe: A weakly coupled two-leg ladder system. Physical Review B, 2013, 88, .	1.1	11
18	$2KFeS_2$ the Parent Compound of K-Doped Iron Selenide Superconductors. Physical Review Letters, 2012, 109, 057003.	2.9	101

#	ARTICLE	IF	CITATIONS
19	Interface-Induced High-Temperature Superconductivity in Single Unit-Cell FeSe Films on SrTiO ₃ . Chinese Physics Letters, 2012, 29, 037402.	1.3	972
20	Phase separation and magnetic order in K-doped iron selenide superconductor. Nature Physics, 2012, 8, 126-130.	6.5	280
21	Power-law decay of standing waves on the surface of topological insulators. Physical Review B, 2011, 84, .	1.1	69