

Dong Qian

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65

papers

5,387

citations

22

h-index

67

g-index

67

ext. papers

6,278

ext. citations

7.5

avg, IF

5.19

L-index

#	Paper	IF	Citations
65	Epitaxial growth of two-dimensional stanene. <i>Nature Materials</i> , 2015 , 14, 1020-5	27	1153
64	Topological surface states protected from backscattering by chiral spin texture. <i>Nature</i> , 2009 , 460, 1106-9	50.4	805
63	Superconductivity above 100 K in single-layer FeSe films on doped SrTiO ₃ . <i>Nature Materials</i> , 2015 , 14, 285-9	27	770
62	The coexistence of superconductivity and topological order in the Bi ₂ Se ₃ thin films. <i>Science</i> , 2012 , 336, 52-5	33.3	371
61	Observation of topological order in a superconducting doped topological insulator. <i>Nature Physics</i> , 2010 , 6, 855-859	16.2	350
60	Majorana Zero Mode Detected with Spin Selective Andreev Reflection in the Vortex of a Topological Superconductor. <i>Physical Review Letters</i> , 2016 , 116, 257003	7.4	343
59	Experimental detection of a Majorana mode in the core of a magnetic vortex inside a topological insulator-superconductor Bi(2)Te(3)/NbSe(2) heterostructure. <i>Physical Review Letters</i> , 2015 , 114, 017001	7.4	317
58	Spatial and energy distribution of topological edge states in single Bi(111) bilayer. <i>Physical Review Letters</i> , 2012 , 109, 016801	7.4	246
57	Artificial Topological Superconductor by the Proximity Effect. <i>Physical Review Letters</i> , 2014 , 112,	7.4	162
56	Electronic structure of black phosphorus studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2014 , 90,	3.3	73
55	Creation of helical Dirac fermions by interfacing two gapped systems of ordinary fermions. <i>Nature Communications</i> , 2013 , 4, 1384	17.4	71
54	Topological Type-II Dirac Fermions Approaching the Fermi Level in a Transition Metal Dichalcogenide NiTe ₂ . <i>Chemistry of Materials</i> , 2018 , 30, 4823-4830	9.6	57
53	Coexistence of Topological Edge State and Superconductivity in Bismuth Ultrathin Film. <i>Nano Letters</i> , 2017 , 17, 3035-3039	11.5	46
52	Electronic structure of a superconducting topological insulator Sr-doped Bi ₂ Se ₃ . <i>Applied Physics Letters</i> , 2015 , 107, 171602	3.4	46
51	Large magnetic moment of gadolinium substituted topological insulator: Bi _{1.98} Gd _{0.02} Se ₃ . <i>Applied Physics Letters</i> , 2012 , 100, 242403	3.4	43
50	Anisotropic topological surface states on high-index Bi ₂ Se ₃ films. <i>Advanced Materials</i> , 2013 , 25, 1557-62	24	39
49	Breaking 50 Femtosecond Resolution Barrier in MeV Ultrafast Electron Diffraction with a Double Bend Achromat Compressor. <i>Physical Review Letters</i> , 2020 , 124, 134803	7.4	33

48	Quasiparticle interference and nonsymmorphic effect on a floating band surface state of ZrSiSe. <i>Nature Communications</i> , 2018 , 9, 4153	17.4	31
47	Identifying magnetic anisotropy of the topological surface state of Cr(0.05)Sb(1.95)Te(3) with spin-polarized STM. <i>Physical Review Letters</i> , 2013 , 111, 176802	7.4	30
46	Topologically nontrivial bismuth(111) thin films. <i>Scientific Reports</i> , 2016 , 6, 21326	4.9	29
45	Spin-orbital ground states of superconducting doped topological insulators: A Majorana platform. <i>Physical Review B</i> , 2011 , 83,	3.3	28
44	Evolution of the electronic structure in ultrathin Bi(111) films. <i>Physical Review B</i> , 2015 , 91,	3.3	24
43	Antiferromagnetic Order in Epitaxial FeSe Films on SrTiO ₃ . <i>Physical Review Letters</i> , 2018 , 120, 097001	7.4	22
42	Four-dimensional imaging of the initial stage of fast evolving plasmas. <i>Applied Physics Letters</i> , 2010 , 97, 211501	3.4	22
41	Carrier density dependence of the magnetic properties in iron-doped Bi ₂ Se ₃ topological insulator. <i>Journal of Applied Physics</i> , 2013 , 113, 043926	2.5	21
40	Interface structure of a topological insulator/superconductor heterostructure. <i>New Journal of Physics</i> , 2014 , 16, 123043	2.9	20
39	Carrier dependence of the magnetic properties in magnetic topological insulator Sb _{1.95} Bi _x Cr _{0.05} Te ₃ . <i>Applied Physics Letters</i> , 2012 , 101, 072406	3.4	20
38	Possible structural origin of superconductivity in Sr-doped Bi ₂ Se ₃ . <i>Physical Review Materials</i> , 2018 , 2,	3.2	17
37	Development of micro-four-point probe in a scanning tunneling microscope for in situ electrical transport measurement. <i>Review of Scientific Instruments</i> , 2015 , 86, 053903	1.7	16
36	Fully gapped s-wave-like superconducting state and electronic structure in Ir _{0.95} Pd _{0.05} Te ₂ single crystals with strong spin-orbital coupling. <i>Physical Review B</i> , 2014 , 89,	3.3	14
35	Development of in situ two-coil mutual inductance technique in a multifunctional scanning tunneling microscope. <i>Review of Scientific Instruments</i> , 2017 , 88, 073902	1.7	13
34	Orbit- and atom-resolved spin textures of intrinsic, extrinsic, and hybridized Dirac cone states. <i>Physical Review B</i> , 2014 , 89,	3.3	13
33	Non-Coulomb strong electron-hole binding in Ta ₂ NiSe ₅ revealed by time- and angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2020 , 101,	3.3	12
32	Topological edge states and electronic structures of a 2D topological insulator: Single-bilayer Bi(111). <i>Chinese Physics B</i> , 2013 , 22, 067304	1.2	11
31	Anisotropic Transport and Quantum Oscillations in the Quasi-One-Dimensional TaNiTe: Evidence for the Nontrivial Band Topology. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 7782-7789	6.4	11

30	Optical manipulation of electronic dimensionality in a quantum material. <i>Nature</i> , 2021 , 595, 239-244	50.4	11
29	Fermi-crossing Type-II Dirac fermions and topological surface states in NiTe. <i>Scientific Reports</i> , 2020 , 10, 12957	4.9	10
28	Strongly compressed Bi (111) bilayer films on Bi ₂ Se ₃ studied by scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2015 , 107, 121601	3.4	9
27	Magnetic anisotropy of van der Waals absorbed iron(II) phthalocyanine layer on Bi ₂ Te ₃ . <i>Physical Review B</i> , 2014 , 90,	3.3	9
26	Extreme magnetoresistance and pressure-induced superconductivity in the topological semimetal candidate YBi. <i>Physical Review B</i> , 2019 , 99,	3.3	8
25	Atomically flat superconducting NbN thin films grown on SrTiO ₃ (111) by plasma-assisted MBE. <i>APL Materials</i> , 2017 , 5, 126107	5.7	7
24	Zeeman effect of the topological surface states revealed by quantum oscillations up to 91 Tesla. <i>Physical Review B</i> , 2015 , 92,	3.3	7
23	Band Structures of Ultrathin Bi(110) Films on Black Phosphorus Substrates Using Angle-Resolved Photoemission Spectroscopy. <i>Chinese Physics Letters</i> , 2018 , 35, 077102	1.8	6
22	Surface and bulk contributions to the second-harmonic generation in Bi ₂ Se ₃ . <i>Physical Review B</i> , 2016 , 94,	3.3	4
21	Metastable Face-Centered Cubic Structure and Structural Transition of Sn on 2H-NbSe ₂ (0001). <i>Chinese Physics Letters</i> , 2018 , 35, 066802	1.8	4
20	Patterning Graphene Films by HO-Based Magnetic-Assisted UV Photolysis. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 55382-55389	9.5	4
19	Kondo behavior and metamagnetic phase transition in the heavy-fermion compound CeBi ₂ . <i>Physical Review B</i> , 2018 , 97,	3.3	3
18	Electronic structure of Ba (Zn _{0.875} Mn _{0.125}) ₂ As ₂ . <i>Applied Physics Letters</i> , 2017 , 111, 062106	3.4	3
17	Electronic properties of aluminum/CdZnTe interfaces. <i>Applied Physics Letters</i> , 2013 , 102, 211602	3.4	3
16	Spin-split valence bands of the ferromagnetic insulator Cr ₂ Ge ₂ Te ₆ studied by angle-resolved photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2020 , 127, 023901	2.5	3
15	Two-dimensional topological insulators with large bulk energy gap. <i>Chinese Physics B</i> , 2016 , 25, 117312	1.2	3
14	Surface states in lightly hole-doped sodium cobaltate Na _{1-x} CoO ₂ . <i>Physical Review B</i> , 2015 , 91,	3.3	2
13	Growth and structural characterisation of Sr-doped BiSe thin films. <i>Scientific Reports</i> , 2018 , 8, 2192	4.9	2

12	Electronic structure of non-centrosymmetric PtBi ₂ studied by angle-resolved photoemission spectroscopy. <i>Journal of Applied Physics</i> , 2020 , 128, 135103	2.5	2
11	The Layer-Inserting Growth of Antiferromagnetic Topological Insulator MnBi ₂ Te ₄ Based on Symmetry and Its X-ray Photoelectron Spectroscopy. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021 , 34, 1485	1.5	2
10	Transport property of multi-band topological material PtBi ₂ studied by maximum entropy mobility spectrum analysis (MEMSA). <i>Scientific Reports</i> , 2021 , 11, 6249	4.9	2
9	Physical Vapor Deposition Growth of Ultrathin Molybdenum Dioxide Nanosheets with Excellent Conductivity. <i>Advanced Engineering Materials</i> , 2101358	3.5	1
8	Coexistence of Ferroelectriclike Polarization and Dirac-like Surface State in TaNiTe ₅ . <i>Physical Review Letters</i> , 2022 , 128, 106802	7.4	1
7	Bulk intrinsic heterogeneity of metallic glasses probed by Meissner effect. <i>Intermetallics</i> , 2020 , 119, 106721	7.21	0
6	Identify the Nematic Superconductivity of Topological Superconductor Pd _x Bi ₂ Te ₃ by Angle-dependent Upper Critical Field Measurement. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021 , 34, 3045	1.5	0
5	Light-induced dimension crossover dictated by excitonic correlations. <i>Nature Communications</i> , 2022 , 13, 963	17.4	0
4	Oxidizing Hexagonal Boron Nitride into Fluorescent Structures by Photodissociated Directional Oxygen Radical. <i>Journal of Physical Chemistry Letters</i> , 2022 , 3369-3376	6.4	0
3	THE ADSORPTION AND DESORPTION OF OXYGEN ON CdZnTe (111)B-(2 × 2) SURFACE. <i>Surface Review and Letters</i> , 2013 , 20, 1320001	1.1	
2	ANGLE-RESOLVED PHOTOEMISSION SPECTROSCOPY (ARPES) OF Na _{0.7} CoO ₂ . <i>International Journal of Modern Physics B</i> , 2005 , 19, 345-351	1.1	
1	Anisotropic surface state in a topological semimetal candidate Ta ₃ SiTe ₆ . <i>Applied Physics Letters</i> , 2022 , 120, 041602	3.4	