

Peng Li

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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.

60
papers

2,545
citations

19
h-index

50
g-index

64
ext. papers

3,390
ext. citations

8.6
avg, IF

5.28
L-index

#	Paper	IF	Citations
60	Highly Stable Aqueous Zinc-Ion Storage Using a Layered Calcium Vanadium Oxide Bronze Cathode. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3943-3948	16.4	509
59	Intercorrelated In-Plane and Out-of-Plane Ferroelectricity in Ultrathin Two-Dimensional Layered Semiconductor InSe. <i>Nano Letters</i> , 2018 , 18, 1253-1258	11.5	293
58	A homochiral microporous hydrogen-bonded organic framework for highly enantioselective separation of secondary alcohols. <i>Journal of the American Chemical Society</i> , 2014 , 136, 547-9	16.4	233
57	Is NiCo ₂ S ₄ Really a Semiconductor?. <i>Chemistry of Materials</i> , 2015 , 27, 6482-6485	9.6	167
56	Evidence for topological type-II Weyl semimetal WTe. <i>Nature Communications</i> , 2017 , 8, 2150	17.4	160
55	A rod-packing microporous hydrogen-bonded organic framework for highly selective separation of C ₂ H ₂ /CO ₂ at room temperature. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 574-7	16.4	137
54	Strain engineering in monolayer WS ₂ , MoS ₂ , and the WS ₂ /MoS ₂ heterostructure. <i>Applied Physics Letters</i> , 2016 , 109, 173105	3.4	92
53	General synthesis of single-atom catalysts with high metal loading using graphene quantum dots. <i>Nature Chemistry</i> , 2021 , 13, 887-894	17.6	86
52	Fabrication of ultrathin epitaxial Fe ₂ O ₃ films by reactive sputtering. <i>Journal Physics D: Applied Physics</i> , 2011 , 44, 075003	3	84
51	Ambient Synthesis of Single-Atom Catalysts from Bulk Metal via Trapping of Atoms by Surface Dangling Bonds. <i>Advanced Materials</i> , 2019 , 31, e1904496	24	82
50	Spin-momentum locking and spin-orbit torques in magnetic nano-heterojunctions composed of Weyl semimetal WTe. <i>Nature Communications</i> , 2018 , 9, 3990	17.4	64
49	Interpenetration Isomerism in Triptycene-Based Hydrogen-Bonded Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1664-1669	16.4	56
48	Anomalous Li Storage Capability in Atomically Thin Two-Dimensional Sheets of Nonlayered MoO. <i>Nano Letters</i> , 2018 , 18, 1506-1515	11.5	43
47	Laterally Stitched Heterostructures of Transition Metal Dichalcogenide: Chemical Vapor Deposition Growth on Lithographically Patterned Area. <i>ACS Nano</i> , 2016 , 10, 10516-10523	16.7	41
46	Magnetization and Resistance Switchings Induced by Electric Field in Epitaxial Mn:ZnO/BiFeO ₃ Multiferroic Heterostructures at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 3977-84	9.5	41
45	. <i>IEEE Transactions on Magnetics</i> , 2021 , 57, 1-39	2	34
44	Temperature dependence of spin-orbit torques in Cu-Au alloys. <i>Physical Review B</i> , 2017 , 95,	3.3	26

43	Direct observation of cation distributions of ideal inverse spinel CoFeO nanofibres and correlated magnetic properties. <i>Nanoscale</i> , 2017 , 9, 7493-7500	7.7	20
42	Observation of superconductivity in structure-selected Ti2O3 thin films. <i>NPG Asia Materials</i> , 2018 , 10, 522-532	10.3	20
41	Spatial mobility fluctuation induced giant linear magnetoresistance in multilayered graphene foam. <i>Physical Review B</i> , 2016 , 94,	3.3	19
40	Anisotropic planar Hall effect in the type-II topological Weyl semimetal WTe2. <i>Physical Review B</i> , 2019 , 100,	3.3	19
39	Interpenetration Isomerism in Triptycene-Based Hydrogen-Bonded Organic Frameworks. <i>Angewandte Chemie</i> , 2019 , 131, 1678-1683	3.6	19
38	Energy-Resolved Photoconductivity Mapping in a Monolayer-Bilayer WSe Lateral Heterostructure. <i>Nano Letters</i> , 2018 , 18, 7200-7206	11.5	19
37	Synergistic Effect between S and Se Enhancing the Electrochemical Behavior of SexSy in Aqueous Zn Metal Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2101237	15.6	18
36	Strain and Ferroelectric-Field Effects Co-mediated Magnetism in (011)-CoFe2O4/Pb(Mg1/3Nb2/3)0.7Ti0.3O3 Multiferroic Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 24198-204	9.5	17
35	Ultrathin Epitaxial Ferromagnetic Fe2O3 Layer as High Efficiency Spin Filtering Materials for Spintronics Device Based on Semiconductors. <i>Advanced Functional Materials</i> , 2016 , 26, 5679-5689	15.6	17
34	Spin Filtering in Epitaxial Spinel Films with Nanoscale Phase Separation. <i>ACS Nano</i> , 2017 , 11, 5011-5019	16.7	16
33	High-Mobility Two-Dimensional Electron Gas at InGaN/InN Heterointerface Grown by Molecular Beam Epitaxy. <i>Advanced Science</i> , 2018 , 5, 1800844	13.6	14
32	Crystal-Orientation-Modulated Exchange Bias in Orthorhombic-YMnO3/La0.6Sr0.4MnO3 Multiferroic Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 14758-62	9.5	13
31	Ferroelectric Field Effect Tuned Giant Electroresistance in LaSrMnO/BaTiO Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 40328-40334	9.5	12
30	Photoassisted Electric Field Modulation of Multiple Nonvolatile Resistance States in Highly Strained Epitaxial BiFeO3 Heterostructures. <i>Advanced Electronic Materials</i> , 2018 , 4, 1800171	6.4	12
29	Growth of 2H stacked WSe2 bilayers on sapphire. <i>Nanoscale Horizons</i> , 2019 , 4, 1434-1442	10.8	11
28	Critical behavior of intercalated quasi-van der Waals ferromagnet Fe0.26TaS2. <i>Physical Review Materials</i> , 2019 , 3,	3.2	11
27	Fabrication and characterization of nanostructured Fe3S4, an isostructural compound of half-metallic Fe3O4. <i>Journal of Applied Physics</i> , 2015 , 117, 223903	2.5	10
26	Study of coexisting phases in Bi doped La0.67Sr0.33MnO3. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 406, 22-29	2.8	10

25	Mobility-Fluctuation-Controlled Linear Positive Magnetoresistance in 2D Semiconductor BiOSe Nanoplates. <i>ACS Nano</i> , 2020 , 14, 11319-11326	16.7	10
24	Observation of large low-field magnetoresistance in spinel cobaltite: A new half-metal. <i>Physica Status Solidi - Rapid Research Letters</i> , 2016 , 10, 190-196	2.5	10
23	Fast static analysis of power grids: Algorithms and implementations 2011 ,		9
22	Nonreciprocal charge transport up to room temperature in bulk Rashba semiconductor EGeTe. <i>Nature Communications</i> , 2021 , 12, 540	17.4	9
21	Chiral Helimagnetism and One-Dimensional Magnetic Solitons in a Cr-Intercalated Transition Metal Dichalcogenide. <i>Advanced Materials</i> , 2021 , 33, e2101131	24	9
20	Orbital Reconstruction Enhanced Exchange Bias in La _{0.6} Sr _{0.4} MnO ₃ /Orthorhombic YMnO ₃ Heterostructures. <i>Scientific Reports</i> , 2016 , 6, 24568	4.9	8
19	General Top-Down Ion Exchange Process for the Growth of Epitaxial Chalcogenide Thin Films and Devices. <i>Chemistry of Materials</i> , 2017 , 29, 690-698	9.6	7
18	Weak antilocalization effect and high-pressure transport properties of ScPdBi single crystal. <i>Applied Physics Letters</i> , 2019 , 115, 172407	3.4	7
17	Locality-Driven Parallel Static Analysis for Power Delivery Networks. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2011 , 16, 1-17	1.5	6
16	Magnetoelectric coupling in δ -Fe ₄ N/Pb(Mg _{1/3} Nb _{2/3}) _{0.7} Ti _{0.3} O ₃ multiferroic heterostructures. <i>Journal of Applied Physics</i> , 2019 , 126, 113901	2.5	5
15	Electric field modulated conduction mechanism in Al/BaTiO ₃ /La _{0.67} Sr _{0.33} MnO ₃ heterostructures. <i>Applied Physics Letters</i> , 2017 , 111, 062901	3.4	5
14	Berry Phase Engineering in SrRuO/SrIrO/SrTiO Superlattices Induced by Band Structure Reconstruction. <i>ACS Nano</i> , 2021 , 15, 5086-5095	16.7	5
13	Interfacial scattering effect on anomalous Hall effect in Ni/Au multilayers. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 235002	3	4
12	Probing the origin of extreme magnetoresistance in Pr/Sm mono-antimonides/bismuthides. <i>Physical Review B</i> , 2019 , 99,	3.3	4
11	Competition between Electronic and Magnonic Spin Currents in Metallic Antiferromagnets. <i>Physical Review Applied</i> , 2019 , 12,	4.3	4
10	Strain control of phase transition and magnetic property in multiferroic BiFeO ₃ thin films. <i>Thin Solid Films</i> , 2020 , 695, 137741	2.2	4
9	Skew scattering dominated anomalous Hall effect in Co (MgO) granular thin films. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 415802	1.8	3
8	Topological electronic state and anisotropic Fermi surface in half-Heusler GdPtBi. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 355707	1.8	2

7	Interfacial scattering effect on anisotropic magnetoresistance and anomalous Hall effect in Ta/Fe multilayers. <i>AIP Advances</i> , 2018 , 8, 055813	1.5	2
6	Exchange bias and strain effect co-modulated magnetic symmetry in La _{0.6} Sr _{0.4} MnO ₃ /orthorhombic-YMnO ₃ multiferroic heterostructures. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 215001	3	1
5	Decoupling Capacitance Design Strategies for Power Delivery Networks with Power Gating. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2015 , 20, 1-30	1.5	1
4	Parallel partitioning based on-chip power distribution network analysis using locality acceleration 2009 ,		1
3	Spin transport in multilayer graphene away from the charge neutrality point. <i>Carbon</i> , 2021 , 172, 474-479	10.4	1
2	Mobility controlled linear magnetoresistance with 3D anisotropy in a layered graphene pallet. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 425005	3	
1	Modulation of Weyl semimetal state in half-Heusler GdPtBi enabled by hydrostatic pressure. <i>New Journal of Physics</i> , 2021 , 23, 083041	2.9	