

Negative magnetoresistance without well-defined chiral

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Thermodynamics of quark matter with a chiral imbalance. <i>Physical Review D</i> , 2016, 94, .	1.6	28
2	Linear magnetoconductivity in an intrinsic topological Weyl semimetal. <i>New Journal of Physics</i> , 2016, 18, 053039.	1.2	72
3	Nonstoichiometry and Weyl fermionic behavior in TaAs. <i>Physical Review B</i> , 2016, 94, .	1.1	20
4	On the search for the chiral anomaly in Weyl semimetals: the negative longitudinal magnetoresistance. <i>New Journal of Physics</i> , 2016, 18, 085006.	1.2	140
5	Magnetic-field-induced nonlinear optical responses in inversion symmetric Dirac semimetals. <i>Physical Review B</i> , 2016, 94, .	1.1	26
6	Density wave instabilities and surface state evolution in interacting Weyl semimetals. <i>Physical Review B</i> , 2016, 94, .	1.1	42
7	Large linear magnetoresistance in a new Dirac material BaMnBi ₂ . <i>Chinese Physics B</i> , 2016, 25, 107503.	0.7	28
8	Anomalous electronic structure and magnetoresistance in TaAs ₂ . <i>Scientific Reports</i> , 2016, 6, 27294.	1.6	74
9	Linear magnetochiral effect in Weyl semimetals. <i>Physical Review B</i> , 2016, 94, .	1.1	31
10	Recent observations of negative longitudinal magnetoresistance in semimetal. <i>Chinese Physics B</i> , 2016, 25, 117204.	0.7	13
11	Inhomogeneous Weyl and Dirac Semimetals: Transport in Axial Magnetic Fields and Fermi Arc Surface States from Pseudo-Landau Levels. <i>Physical Review X</i> , 2016, 6, .	2.8	125
12	Numerical magneto-hydrodynamics for relativistic nuclear collisions. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	128
13	Dirac and Weyl Materials: Fundamental Aspects and Some Spintronics Applications. <i>Spin</i> , 2016, 06, 1640003.	0.6	109
14	Klein tunneling and magnetoresistance of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{a}^{\sim} \langle \text{mml:mtext} \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mtext} \rangle$ in Weyl semimetals. <i>Physical Review B</i> , 2016, 94, .	1.1	20
15	Chiral Weyl Pockets and Fermi Surface Topology of the Weyl Semimetal TaAs. <i>Physical Review Letters</i> , 2016, 117, 146401.	2.9	83
16	Pressure-Induced New Topological Weyl Semimetal Phase in TaAs. <i>Physical Review Letters</i> , 2016, 117, 146402.	2.9	66
17	Strong Intrinsic Spin Hall Effect in the TaAs Family of Weyl Semimetals. <i>Physical Review Letters</i> , 2016, 117, 146403.	2.9	164
18	Chiral Anomaly and Giant Magnetochiral Anisotropy in Noncentrosymmetric Weyl Semimetals. <i>Physical Review Letters</i> , 2016, 117, 146603.	2.9	55

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19	Anisotropic and strong negative magnetoresistance in the three-dimensional topological insulator Bi_2Te_3 . Physical Review B, 2016, 94, .	1.1	59
20	A Type-II Weyl Topological Metal. Physical Review Letters, 2016, 117, 056805.	1.1	61
21	Resistivity plateau and extremely large magnetoresistance in NbAs_2 and TaAs_2 . Physical Review B, 2016, 94, .	1.1	97
22	Weyl fermions with arbitrary monopoles in magnetic fields: Landau levels, longitudinal magnetotransport, and density-wave ordering. Physical Review B, 2016, 94, .	1.1	43
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24	Resistivity plateau and negative magnetoresistance in the topological semimetal TaSb_2 . Physical Review B, 2016, 94, .	1.1	68
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26	Coexistence of Weyl physics and planar defects in the semimetals TaP and TaAs . Physical Review B, 2016, 93, .	1.1	40
27	Ideal Weyl Semimetals in the Chalcopyrites CuTiSe_2 and AgTiTe_2 . Physical Review Letters, 2016, 116, 226801.	2.9	116
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33	Negative magnetoresistivity in holography. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
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38	Distinct Evolutions of Weyl Fermion Quasiparticles and Fermi Arcs with Bulk Band Topology in Weyl Semimetals. <i>Physical Review Letters</i> , 2017, 118, 106406.	2.9	27
39	Josephson effect in a Weyl SNS junction. <i>Physical Review B</i> , 2017, 95, .	1.1	29
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41	Anisotropic magnetotransport in Dirac-Weyl magnetic junctions. <i>Physical Review B</i> , 2017, 95, .	1.1	9
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43	Evidence for trivial Berry phase and absence of chiral anomaly in semimetal NbP. <i>Scientific Reports</i> , 2017, 7, 46062.	1.6	23
44	Angle-dependent magnetoresistance and quantum oscillations in high-mobility semimetal LuPtBi. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 195501.	0.7	8
45	Crystal growth and electrical transport properties of niobium and tantalum monopnictide and dipnictide semimetals. <i>Frontiers of Physics</i> , 2017, 12, 1.	2.4	7
46	Quantum transport in Dirac and Weyl semimetals: a review. <i>Advances in Physics: X</i> , 2017, 2, 518-544.	1.5	99
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56	Tuning the electrical transport of type II Weyl semimetal WTe ₂ nanodevices by Ga ⁺ ion implantation. Scientific Reports, 2017, 7, 12688.	1.6	10
57	Reentrant metallic behavior in the Weyl semimetal NbP. Physical Review B, 2017, 96, .	1.1	5
58	Charge Density Waves in Graphite: Towards the Magnetic Ultraquantum Limit. Physical Review Letters, 2017, 119, 136601.	2.9	21
59	Magnetoconductance of compensated semimetals in confined geometries. Physical Review B, 2017, 95, .	1.1	43
60	Negative Magnetoconductance without Chiral Anomaly in Topological Insulators. Physical Review Letters, 2017, 119, 166601.	2.9	89
61	Quantum oscillations in the chiral magnetic conductivity. Physical Review B, 2017, 95, .	1.1	11
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63	Topological semimetal in honeycomb lattice LnSi. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10596-10600.	3.3	42
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70	Electron scattering in tantalum monoarsenide. Physical Review B, 2017, 95, .	1.1	99
71	Emergent Weyl nodes and Fermi arcs in a Floquet Weyl semimetal. Physical Review B, 2017, 96, .	1.1	38
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74	Topological properties of the chiral magnetic effect in multi-Weyl semimetals. <i>Physical Review B</i> , 2017, 96, .	1.1	18
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76	Strongly angle-dependent magnetoresistance in Weyl semimetals with long-range disorder. <i>Physical Review B</i> , 2017, 96, .	1.1	15
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78	Violation of Ohm's law in a Weyl metal. <i>Nature Materials</i> , 2017, 16, 1096-1099.	13.3	48
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81	Thermopower and thermal conductivity in the Weyl semimetal NbP. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 325701.	0.7	32
82	Quantum oscillation studies of the topological semimetal candidate $\langle \text{ZrGeM} \rangle$ ($\omega = 0.16 \text{ em}$)	1.1	60
83	Sputter-deposited low reflectance vanadium oxide-molybdenum oxide thin films on silicon. <i>Infrared Physics and Technology</i> , 2017, 85, 273-279.	1.3	3
84	Comparative study on structural, elastic, dynamical, and thermodynamic properties of Weyl semimetals MX (M = Ta or Nb; X = As or P). <i>Solid State Communications</i> , 2017, 263, 10-18.	0.9	14
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92	Evidence for topological type-II Weyl semimetal WTe2. Nature Communications, 2017, 8, 2150.	5.8	263
93	Quantum kinetic theory of the chiral anomaly. Physical Review B, 2017, 96, .	1.1	46
94	Breakdown of the Chiral Anomaly in Weyl Semimetals in a Strong Magnetic Field. Physical Review Letters, 2017, 119, 266401.	2.9	38
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110	Tunable axial gauge fields in engineered Weyl semimetals: semiclassical analysis and optical lattice implementations. <i>2D Materials</i> , 2018, 5, 024001.	2.0	32
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131	Theory for the negative longitudinal magnetoresistance in the quantum limit of Kramers Weyl semimetals. Journal of Physics Condensed Matter, 2018, 30, 505501.	0.7	4
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136	Anomalous chiral transport in heavy ion collisions from Anomalous-Viscous Fluid Dynamics. Annals of Physics, 2018, 394, 50-72.	1.0	99
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146	Adiabatic dechiralization and thermodynamics of Weyl semimetals. Physical Review B, 2018, 98, .	1.1	3
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165	Negative longitudinal magnetoresistance in gallium arsenide quantum wells. <i>Nature Communications</i> , 2019, 10, 287.	5.8	18
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167	Extremely high conductivity observed in the triple point topological metal MoP. <i>Nature Communications</i> , 2019, 10, 2475.	5.8	54
168	Novel mechanism for electric quadrupole moment generation in relativistic heavy-ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 413-418.	1.5	25
169	Global anomalies, discrete symmetries and hydrodynamic effective actions. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	47
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172	Negative Longitudinal Magnetoresistance in the c-Axis Resistivity of Cd*. <i>Chinese Physics Letters</i> , 2019, 36, 057102.	1.3	0
173	Bulk Fermi surface of the Weyl type-II semimetallic candidate NbIrTe ₄ . <i>Physical Review B</i> , 2019, 99, .	1.1	20
174	Quantum transport in topological semimetals under magnetic fields (II). <i>Frontiers of Physics</i> , 2019, 14, 1.	2.4	26
175	Magnetotransport Properties of Layered Topological Material ZrTe ₂ Thin Film. <i>ACS Nano</i> , 2019, 13, 6008-6016.	7.3	33
176	Zero-Field Nernst Effect in a Ferromagnetic Kagome Lattice Weyl Semimetal Co ₃ Sn ₂ S ₂ . <i>Advanced Materials</i> , 2019, 31, e1806622.	11.1	180
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