## CITATION REPORT List of articles citing

Colossal mid-infrared bulk photovoltaic effect in a type-I Weyl semimetal

DOI: 10.1038/s41563-019-0297-4 Nature Materials, 2019, 18, 471-475.

Source: https://exaly.com/paper-pdf/73454007/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
194	Two-dimensional Weyl half-semimetal and tunable quantum anomalous Hall effect. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	54
193	Ferroicity-driven nonlinear photocurrent switching in time-reversal invariant ferroic materials. <b>2019</b> , 5, eaav9743		30
192	Weyl semimetal phase in the noncentrosymmetric superlattice W2XY(X,Y=S,Se,Te,X⅓). <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
191	Tilting dependence and anisotropy of anomaly-related magnetoconductance in type-II Weyl semimetals. <b>2019</b> , 9, 16149		
190	Optical response of the chiral topological semimetal RhSi. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	7
189	Spatio-temporal dynamics of shift current quantum pumping by femtosecond light pulse. <b>2019</b> , 2, 025	004	19
188	Tracking Ultrafast Photocurrents in the Weyl Semimetal TaAs Using THz Emission Spectroscopy. <i>Physical Review Letters</i> , <b>2019</b> , 122, 197401	7.4	40
187	Linear optical conductivity of chiral multifold fermions. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	21
186	Lighting up Weyl semimetals. <i>Nature Materials</i> , <b>2019</b> , 18, 428-429	27	10
185	Ultrafast spectroscopy of shift-current in ferroelectric semiconductor Sn2P2S6. <i>Applied Physics Letters</i> , <b>2019</b> , 114, 151101	3.4	9
184	Nonlinear photoresponse of type-II Weyl semimetals. <i>Nature Materials</i> , <b>2019</b> , 18, 476-481	27	104
183	Transport of Topological Semimetals. <b>2019</b> , 49, 207-252		76
182	Strong bulk photovoltaic effect in chiral crystals in the visible spectrum. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	12
181	Uncovering electron-phonon scattering and phonon dynamics in type-I Weyl semimetals. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	15
180	Robust edge photocurrent response on layered type II Weyl semimetal WTe. <b>2019</b> , 10, 5736		30
179	Spatiotemporal Mapping of a Photocurrent Vortex in Monolayer MoS2 Using Diamond Quantum Sensors. <b>2020</b> , 10,		7
178	Optical signatures of multifold fermions in the chiral topological semimetal CoSi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 27104-27110	11.5	10

## (2020-2020)

177	Giant magneto-optical responses in magnetic Weyl semimetal CoSnS. <b>2020</b> , 11, 4619		17
176	Pure Zirconium: Type II Nodal Line and Nodal Surface States. <b>2020</b> , 8, 585753		O
175	Discovery of Real-Space Topological Ferroelectricity in Metallic Transition Metal Phosphides. <i>Advanced Materials</i> , <b>2020</b> , 32, e2003479	24	7
174	2D Nanosheets of Topological Quantum Materials from Homologous (Bi2)m(Bi2Se3)n Heterostructures: Synthesis and Ultralow Thermal Conductivity. <b>2020</b> , 32, 8819-8826		11
173	Low-Frequency Divergence and Quantum Geometry of the Bulk Photovoltaic Effect in Topological Semimetals. <b>2020</b> , 10,		22
172	Defect tolerant zero-bias topological photocurrent in a ferroelectric semiconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 20411-20415	11.5	8
171	Anisotropic ultrasensitive PdTe-based phototransistor for room-temperature long-wavelength detection. <b>2020</b> , 6,		39
170	Evidence of Ba-substitution induced spin-canting in the magnetic Weyl semimetal EuCd2As2. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	4
169	Computing observables without eigenstates: Applications to Bloch Hamiltonians. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	4
168	Photocurrent of exciton polaritons. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	2
167	Zero-bias mid-infrared graphene photodetectors with bulk photoresponse and calibration-free polarization detection. <b>2020</b> , 11, 6404		27
	, , , , , ,		37
166	Largely Enhanced Photogalvanic Effects in a Phosphorene Photodetector by Strain-Increased Device Asymmetry. <b>2020</b> , 14,		8
166	Largely Enhanced Photogalvanic Effects in a Phosphorene Photodetector by Strain-Increased		
	Largely Enhanced Photogalvanic Effects in a Phosphorene Photodetector by Strain-Increased Device Asymmetry. <b>2020</b> , 14,		8
165	Largely Enhanced Photogalvanic Effects in a Phosphorene Photodetector by Strain-Increased Device Asymmetry. <b>2020</b> , 14,  Photocurrent detection of the orbital angular momentum of light. <b>2020</b> , 368, 763-767		8 58
165 164	Largely Enhanced Photogalvanic Effects in a Phosphorene Photodetector by Strain-Increased Device Asymmetry. 2020, 14,  Photocurrent detection of the orbital angular momentum of light. 2020, 368, 763-767  First-principles Studies of Band Gap Engineering in Ferroelectric Oxides. 2020, 60, 823-832  A broadband all-fiber integrated graphene photodetector with CNT-enhanced responsivity. 2020,		8 58 2
165 164 163	Largely Enhanced Photogalvanic Effects in a Phosphorene Photodetector by Strain-Increased Device Asymmetry. 2020, 14,  Photocurrent detection of the orbital angular momentum of light. 2020, 368, 763-767  First-principles Studies of Band Gap Engineering in Ferroelectric Oxides. 2020, 60, 823-832  A broadband all-fiber integrated graphene photodetector with CNT-enhanced responsivity. 2020, 12, 14188-14193		8 58 2 16

159	Field-effect transistor based on surface negative refraction in Weyl nanowire. 2020, 8, 011102		3
158	On the connection between the solutions to the Dirac and Weyl equations and the corresponding electromagnetic four-potentials. <b>2020</b> , 72, 045201		3
157	Ideal near-Dirac triple-point semimetal in III-V semiconductor alloys. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	3
156	Acoustogalvanic Effect in Dirac and Weyl Semimetals. <i>Physical Review Letters</i> , <b>2020</b> , 124, 126602	7.4	13
155	Semimetals for high-performance photodetection. <i>Nature Materials</i> , <b>2020</b> , 19, 830-837	27	70
154	Room-Temperature Anisotropic Plasma Mirror and Polarization-Controlled Optical Switch Based on Type-II Weyl Semimetal WP2. <b>2020</b> , 13,		3
153	Realization of Epitaxial NbP and TaP Weyl Semimetal Thin Films. 2020, 14, 4405-4413		18
152	Circular photogalvanic spectroscopy of Rashba splitting in 2D hybrid organic-inorganic perovskite multiple quantum wells. <b>2020</b> , 11, 323		47
151	A type of novel Weyl semimetal candidate: layered transition metal monochalcogenides MoXY (X, Y = S, Se, Te, X [Y). <b>2020</b> , 12, 4602-4611		8
150	Nonequilibrium nature of nonlinear optical response: Application to the bulk photovoltaic effect. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	4
149	Anomalous phonon-mode dependence in polarized Raman spectroscopy of the topological Weyl semimetal TaP. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	3
148	Chiral terahertz wave emission from the Weyl semimetal TaAs. <b>2020</b> , 11, 720		47
147	Photocurrent response of type-II Dirac semimetal PtTe2. <b>2020</b> , 7, 034003		11
146	1T? Transition-Metal Dichalcogenides: Strong Bulk Photovoltaic Effect for Enhanced Solar-Power Harvesting. <b>2020</b> , 124, 11221-11228		4
145	Signatures of complex optical response in Casimir interactions of type I and II Weyl semimetals. <b>2020</b> , 1,		6
144	Unconventional Photocurrents from Surface Fermi Arcs in Topological Chiral Semimetals. <i>Physical Review Letters</i> , <b>2020</b> , 124, 166404	7.4	20
143	Large nonreciprocal absorption and emission of radiation in type-I Weyl semimetals with time reversal symmetry breaking. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	32
142	Topological Semimetal Nanostructures: From Properties to Topotronics. <b>2020</b> , 14, 3755-3778		19

## (2021-2020)

141	Comprehensive scan for nonmagnetic Weyl semimetals with nonlinear optical response. <i>Npj Computational Materials</i> , <b>2020</b> , 6,	10.9	12
140	Spin-Dependent Photovoltaic and Photogalvanic Responses of Optoelectronic Devices Based on Chiral Two-Dimensional Hybrid Organic-Inorganic Perovskites. <b>2021</b> , 15, 588-595		24
139	The topology of electronic band structures. <i>Nature Materials</i> , <b>2021</b> , 20, 293-300	27	25
138	Chiral Photocurrent in Parity-Violating Magnet and Enhanced Response in Topological Antiferromagnet. <b>2021</b> , 11,		9
137	A light-induced phononic symmetry switch and giant dissipationless topological photocurrent in ZrTe. <i>Nature Materials</i> , <b>2021</b> , 20, 329-334	27	30
136	A flexible in-plane pl heterojunction nano-generator with phonon-enhanced photothermoelectric effect to harvest solar energy. <b>2021</b> , 9, 14958-14968		2
135	Giant topological longitudinal circular photo-galvanic effect in the chiral multifold semimetal CoSi. <b>2021</b> , 12, 154		23
134	Exciton effect on shift current in single-walled boron-nitride nanotubes. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	Ο
133	Engineering symmetry breaking in 2D layered materials. <i>Nature Reviews Physics</i> , <b>2021</b> , 3, 193-206	23.6	45
132	Colossal switchable photocurrents in topological Janus transition metal dichalcogenides. <i>Npj Computational Materials</i> , <b>2021</b> , 7,	10.9	8
131	Colossal Terahertz Photoresponse at Room Temperature: A Signature of Type-II Dirac Fermiology. <b>2021</b> , 15, 5138-5146		6
130	Landau quantization in tilted Weyl semimetals with broken symmetry. <b>2021</b> , 129, 105107		О
129	Topology and Symmetry of Quantum Materials via Nonlinear Optical Responses. <b>2021</b> , 12, 247-272		3
128	First-principles calculations for topological quantum materials. <i>Nature Reviews Physics</i> , <b>2021</b> , 3, 283-29	7 23.6	10
127	Nonlinear photoncurrent in transition metal dichalcogenide with warping term under illuminating of light*. <b>2021</b> , 30, 037301		
126	High-frequency rectifiers based on type-II Dirac fermions. <b>2021</b> , 12, 1584		12
125	Manipulating Weyl quasiparticles by orbital-selective photoexcitation in WTe. 2021, 12, 1885		8
124	Symmetry Breaking and Nonlinear Electric Transport in van der Waals Nanostructures. <b>2021</b> , 12, 201-22	23	6

123	Weyl, Dirac and high-fold chiral fermions in topological quantum matter. 2021, 6, 784-803		13
122	A van der Waals interface that creates in-plane polarization and a spontaneous photovoltaic effect. <b>2021</b> , 372, 68-72		24
121	Spin photogalvanic effect in two-dimensional collinear antiferromagnets. <i>Npj Quantum Materials</i> , <b>2021</b> , 6,	5	5
120	Experimental perspective on three-dimensional topological semimetals. <b>2021</b> , 93,		35
119	Terahertz nonlinear optics of chiral semimetals RhSn, HfSn, and PdGa. <b>2021</b> , 94, 1		O
118	Terahertz Photodetection with Type-II Dirac Fermions in Transition-Metal Ditellurides and Their Heterostructures. <b>2021</b> , 15, 2100212		7
117	Terahertz detection based on nonlinear Hall effect without magnetic field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	3
116	Photogalvanic effects in symmetry broken nodal ring materials. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	
115	Dynamical evolution of anisotropic response of type-II Weyl semimetal TaIrTe under ultrafast photoexcitation. <b>2021</b> , 10, 101		8
114	Nonperturbative topological current in Weyl and Dirac semimetals in laser fields. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
113	Multiple Weyl fermions and tunable quantum anomalous Hall effect in 2D half-metal with huge spin-related energy gap. <b>2021</b> , 551, 149390		2
112	Nonlinear Hall effect in two-dimensional class-AI metals. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	O
111	Topology and geometry under the nonlinear electromagnetic spotlight. <i>Nature Materials</i> , <b>2021</b> , 20, 160	01 <del>2/</del> 61	4 15
110	Giant exciton-enhanced shift currents and direct current conduction with subbandgap photo excitations produced by many-electron interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118,	11.5	4
109	Flexo-photovoltaic effect in MoS. <b>2021</b> , 16, 894-901		28
108	Cycling Fermi arc electrons with Weyl orbits. <i>Nature Reviews Physics</i> , <b>2021</b> , 3, 660-670	23.6	O
107	Topological quantum matter to topological phase conversion: Fundamentals, materials, physical systems for phase conversions, and device applications. <b>2021</b> , 145, 100620		8
106	Radiative heat and momentum transfer from materials with broken symmetries: opinion. <b>2021</b> , 11, 312	25	4

## (2021-2021)

105	Observation of strong and anisotropic nonlinear optical effects through polarization-resolved optical spectroscopy in the type-II Weyl semimetal TdWTe2. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	3
104	Magnetic Topological Semimetal Phase with Electronic Correlation Enhancement in SmSbTe. <b>2021</b> , 4, 2100063		О
103	Broadband circularly polarized thermal radiationfrom magnetic Weyl semimetals.		3
102	Bulk Photovoltaic Effect Driven by Collective Excitations in a Correlated Insulator. <i>Physical Review Letters</i> , <b>2021</b> , 127, 127402	7.4	2
101	Experimental study of transport properties of Weyl semimetal LaAlGe thin films grown by molecular beam epitaxy. <b>2021</b> , 39, 063407		0
100	Novel topological states of nodal points and nodal rings in 2D planar octagon TiB. <b>2021</b> , 13, 3194-3200		3
99	Fully spin-polarized Weyl fermions and in/out-of-plane quantum anomalous Hall effects in a two-dimensional d ferromagnet. <b>2021</b> , 13, 5901-5909		8
98	Linear and nonlinear optical responses in the chiral multifold semimetal RhSi. <i>Npj Quantum Materials</i> , <b>2020</b> , 5,	5	14
97	Fermiology and type-I superconductivity in the chiral superconductor NbGe2 with Kramers-Weyl fermions. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	3
96	Anisotropic Fano resonance in the Weyl semimetal candidate LaAlSi. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	6
95	Nonlinear optical control of chiral charge pumping in a topological Weyl semimetal. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	6
94	Difference frequency generation in topological semimetals. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	27
93	Optoelectronic response of the type-I Weyl semimetals TaAs and NbAs from first principles. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	9
92	Directional shift current in mirror-symmetric BC2N. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	5
91	Consequences of time-reversal-symmetry breaking in the light-matter interaction: Berry curvature, quantum metric, and diabatic motion. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	21
90	Current-induced second harmonic generation in inversion-symmetric Dirac and Weyl semimetals. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	2
89	Nonadiabatic nonlinear optics and quantum geometry [Application to the twisted Schwinger effect. <i>SciPost Physics</i> , <b>2021</b> , 11,	6.1	О
88	Ultrasensitive and Self-Powered Terahertz Detection Driven by Nodal-Line Dirac Fermions and Van der Waals Architecture. <i>Advanced Science</i> , <b>2021</b> , 8, e2102088	13.6	5

87	Mechanism, Material, Design, and Implementation Principle of Two-Dimensional Material Photodetectors. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	1
86	Direct Measurement of Helicoid Surface States in RhSi Using Nonlinear Optics. <i>Physical Review Letters</i> , <b>2021</b> , 127, 157405	7.4	2
85	Giant Third-Harmonic Optical Generation from Topological Insulator Heterostructures. <i>Nano Letters</i> , <b>2021</b> , 21, 8872-8879	11.5	О
84	The Total Energy in the Interaction of X-Ray Photons with Capacitors. <i>World Journal of Condensed Matter Physics</i> , <b>2020</b> , 10, 159-177	0.5	
83	Photocurrent-driven transient symmetry breaking in the Weyl semimetal TaAs. <i>Nature Materials</i> , <b>2021</b> ,	27	3
82	Light-induced emergent phenomena in 2D materials and topological materials. <i>Nature Reviews Physics</i> ,	23.6	15
81	Ferromagnetic Weyl metal in EuAgP. <i>Materials Today Physics</i> , <b>2022</b> , 22, 100570	8	
80	Nonlinear nanoelectrodynamics of a Weyl metal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	2
79	Quadratic optical responses in a chiral magnet. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	O
78	Role of chemical disorder in tuning the Weyl points in vanadium doped Co2TiSn. <i>Physical Review Materials</i> , <b>2021</b> , 5,	3.2	2
77	3D Dirac Semimetal Supported Tunable TE Modes. <i>Annalen Der Physik</i> , 2100355	2.6	5
76	Nonreciprocal photocurrent in the nonlinear response of two-dimensional models. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	O
75	Basic formulation and first-principles implementation of nonlinear magneto-optical effects. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	1
74	Robustness of spin-polarized edge states in a two-dimensional topological semimetal without inversion symmetry. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	
73	Signatures of Weyl Fermion Annihilation in a Correlated Kagome Magnet <i>Physical Review Letters</i> , <b>2021</b> , 127, 256403	7.4	3
72	Preparation of NbAs Single Crystal by the Seed Growth Process. <i>Crystals</i> , <b>2022</b> , 12, 249	2.3	
71	Addressing shape and extent of Weyl cones in TaAs by Landau level spectroscopy. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	1
70	Twisted photovoltaics at terahertz frequencies from momentum shift current. <i>Physical Review Research</i> , <b>2022</b> , 4,	3.9	1

69	Symmetry-allowed nonlinear orbital response across the topological phase transition in centrosymmetric materials. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	0
68	Photovoltaic effect by soft phonon excitation <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2122313119	11.5	0
67	Skin effect as a probe of transport regimes in Weyl semimetals <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2200367119	11.5	0
66	Ultrafast sub-100 fs all-optical modulation and efficient third-harmonic generation in Weyl semimetal niobium phosphide thin films <i>Advanced Materials</i> , <b>2022</b> , e2106733	24	0
65	Topological Materials for Functional Optoelectronic Devices. Advanced Functional Materials, 2110655	15.6	0
64	Probing electromagnetic wave energy with an in-series assembly of thermoelectric devices. <i>AIP Advances</i> , <b>2022</b> , 12, 045201	1.5	
63	Surface photogalvanic effect in Weyl semimetals. Physical Review Research, 2022, 4,	3.9	Ο
62	Giant nonlinear response due to unconventional magneto-oscillations in nodal-line semimetals. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	0
61	Electronic structure and unconventional nonlinear response in double Weyl semimetal SrSi2. <i>Physical Review B</i> , <b>2021</b> , 104,	3.3	0
60	Shift-current response as a probe of quantum geometry and electron-electron interactions in twisted bilayer graphene. <i>Physical Review Research</i> , <b>2022</b> , 4,	3.9	Ο
59	Intelligent infrared sensing enabled by tunable moir[quantum geometry Nature, 2022, 604, 266-272	50.4	7
58	Network analysis of Weyl semimetal photogalvanic systems Optics Letters, 2022, 47, 2450-2453	3	1
57	Degenerate solutions to the massless Dirac and Weyl equations and a proposed method for controlling the quantum state of Weyl particles. <i>Chinese Journal of Physics</i> , <b>2022</b> ,	3.5	2
56	Table_1.doc. <b>2020</b> ,		
55	The topological nodal lines and drum-head-like surface states in semimetals CrSi2, MoSi2 and WSi2. <i>Physica B: Condensed Matter</i> , <b>2022</b> , 413928	2.8	0
54	Abnormal nonlinear optical responses on the surface of topological materials. <i>Npj Computational Materials</i> , <b>2022</b> , 8,	10.9	1
53	Direct Light Orbital Angular Momentum Detection in Mid-Infrared Based on Type-II Weyl Semimetal TaIrTe 4. <i>Advanced Materials</i> , 2201229	24	1
52	Spontaneous-polarization-induced photovoltaic effect in rhombohedrally stacked MoS2. <i>Nature Photonics</i> ,	33.9	2

51	Second-order magnetic responses in quantum magnets: Magnetization under ac magnetic fields. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	
50	Composition gradient-enabled circular photogalvanic effect in inogranic halide perovskites. <i>Applied Physics Letters</i> , <b>2022</b> , 120, 211901	3.4	
49	Room-temperature electrically switchable spinDalley coupling in a van der Waals ferroelectric halide perovskite with persistent spin helix. <i>Nature Photonics</i> ,	33.9	2
48	Terahertz wave emission from the trigonal layered PtBi2. <i>IScience</i> , <b>2022</b> , 104511	6.1	1
47	Bulk Photovoltaic Effect in GaNGeC Quaternary Compound Semiconductors. <i>Physical Chemistry Chemical Physics</i> ,	3.6	
46	Distinct signatures of particle-hole symmetry breaking in transport coefficients for generic multi-Weyl semimetals. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	O
45	Switchable topological phase transition and nonlinear optical properties in a ReC2H monolayer. <i>Physical Review B</i> , <b>2022</b> , 105,	3.3	1
44	High-pressure control of optical nonlinearity in the polar Weyl semimetal TaAs. <i>Physical Review B</i> , <b>2022</b> , 106,	3.3	
43	Optical anomalous Hall effect enhanced by flat bands in ferromagnetic van der Waals semimetal. <i>Npj Quantum Materials</i> , <b>2022</b> , 7,	5	О
42	I4/mcm-Si48: An Ideal Topological Nodal-Line Semimetal. 1726-1733		O
41	Energy Interplay in Materials: Unlocking Next-Generation Synchronous Multisource Energy		
	Conversion with Layered 2D Crystals. 2203849		
40	Theory of shift heat current and its application to electron-phonon coupled systems. <b>2022</b> , 106,		
39			
	Theory of shift heat current and its application to electron-phonon coupled systems. <b>2022</b> , 106,		1
39	Theory of shift heat current and its application to electron-phonon coupled systems. 2022, 106,  Evolution of Weyl nodes in Ni-doped thallium niobate pyrochlore Tl2\(\text{NixNb2O7}\). 2022, 65,  Photodetection and Infrared Imaging Based on Cd3As2 Epitaxial Vertical Heterostructures. 2022,		1 3
39	Theory of shift heat current and its application to electron-phonon coupled systems. 2022, 106,  Evolution of Weyl nodes in Ni-doped thallium niobate pyrochlore Tl2\(\text{NixNb2O7}\). 2022, 65,  Photodetection and Infrared Imaging Based on Cd3As2 Epitaxial Vertical Heterostructures. 2022, 16, 12244-12252		
39 38 37	Theory of shift heat current and its application to electron-phonon coupled systems. 2022, 106,  Evolution of Weyl nodes in Ni-doped thallium niobate pyrochlore Tl2NixNb2O7. 2022, 65,  Photodetection and Infrared Imaging Based on Cd3As2 Epitaxial Vertical Heterostructures. 2022, 16, 12244-12252  Broadband Photodetection of Cd3As2: Review and Perspectives. 2022, 2, 100007  Highly efficient multifunctional frosted luminescent solar concentrators with zero-energy		3

33	Bulk Fermi arc transition induced large photogalvanic effect in Weyl semimetals. 2022, 106,	1
32	Colossal Room-Temperature Terahertz Topological Response in Type-II Weyl Semimetal NbIrTe 4. 2204621	4
31	High-order harmonic generations in tilted Weyl semimetals.	O
30	High-order harmonic generation in three-dimensional Weyl semimetals with broken time-reversal symmetry. <b>2022</b> , 106,	O
29	Weyl semimetal integrated three-unit polarimeters. <b>2022</b> , 9, 1115	O
28	A Unified Understanding of Diverse Spin Textures of Kramers Weyl Fermions in Nonmagnetic Chiral Crystals. 2208023	1
27	On the Localization Properties of Weyl Particles. 2200437	1
26	Topological frequency conversion in Weyl semimetals. <b>2022</b> , 4,	O
25	SnP2Se6: A Chiral 2D Semiconductor for High-Performance Electronics and Optoelectronics.	O
24	A Polymeric Planarization Strategy for Versatile Multiterminal Electrical Transport Studies on Small, Bulk Crystals.	O
23	Effect of vacancies on photogalvanic effect in two-dimensional WSe2 photodetector. 2022, 155401	O
22	Real-space imaging and control of chiral anomaly induced current at room temperature in topological Dirac semimetal. <b>2022</b> , 8,	O
21	Giant bulk piezophotovoltaic effect in 3R-MoS2.	O
20	Third-order optical nonlinearity of one-dimensional Dirac fermions. <b>2022</b> , 106,	O
19	Non-volatile chirality switching by all-optical magnetization reversal in ferromagnetic Weyl semimetal Co3Sn2S2. <b>2022</b> , 5,	О
18	Understanding bulk photovoltaic effect in type-II Weyl semimetal Td-WTe2 using polarization dependent photocurrent measurement. <b>2022</b> , 121, 233102	O
17	Nonlinear optical responses in nodal line semimetals. <b>2023</b> , 107,	О
16	Spin-Photogalvanic Effect in Chiral Lead Halide Perovskites.	O

15	Light control with Weyl semimetals. <b>2023</b> , 3,	О
14	Giant photon momentum locked THz emission in a centrosymmetric Dirac semimetal. <b>2023</b> , 9,	1
13	Recent progress in the theory of bulk photovoltaic effect. <b>2023</b> , 4, 011303	1
12	Visualization of bulk and edge photocurrent flow in anisotropic Weyl semimetals.	O
11	Exploration of growth conditions of TaAs Weyl semimetal thin film using pulsed laser deposition. <b>2023</b> , 32, 047103	0
10	Photocurrent as a multiphysics diagnostic of quantum materials. <b>2023</b> , 5, 170-184	O
9	Quadrupolar photovoltaic effect in the terahertz range in a two-dimensional spin- 32 hole system. <b>2023</b> , 107,	0
8	A computational method to estimate spinBrbital interaction strength in solid state systems. <b>2023</b> , 221, 112090	O
7	Inverse Hamiltonian design by automatic differentiation. 2023, 6,	1
6	Strong Nonlinear Optical Response and Transient Symmetry Switch in Type-II Weyl Semimetal EWP 2. 2202639	O
5	Shift current photovoltaic efficiency of 2D materials. <b>2023</b> , 9,	0
4	Geometric deep optical sensing. <b>2023</b> , 379,	O
3	Energy Conversion Efficiency of the Bulk Photovoltaic Effect. <b>2023</b> , 2,	0
2	Epitaxial Integration of Dirac Semimetals with Si(001). <b>2023</b> , 13, 578	O
1	Giant Magnetochiral Anisotropy in Weyl Semimetal WTe2 Induced by Diverging Berry Curvature. <b>2023</b> , 130,	0