Leslie M Schoop

List of Publications by Year
in descending order

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146 papers	6,514 citations	106120 35 h-index	67958 78 g-index
162 all docs	162 docs citations	162 times ranked	9299 citing authors

#	Article	IF	Citations
1	Surface-confined two-dimensional mass transport and crystal growth on monolayer materials. Nature Synthesis, 2024, 3, 386-393.	10.0	3
2	Anisotropic and Highâ€Mobility Electronic Transport in a Quasi 2D Antiferromagnet NdSb₂. Advanced Functional Materials, 2024, 34, .	16.5	0
3	Unconventional superconducting quantum criticality in monolayer WTe2. Nature Physics, 2024, 20, 269-274.	11.8	6
4	Edge supercurrent reveals competition between condensates in a Weyl superconductor. Nature Physics, 2024, 20, 261-268.	11.8	0
5	Chemical exfoliation of 1-dimensional antiferromagnetic nanoribbons from a non-van der Waals material. Nanoscale Horizons, 2024, 9, 479-486.	7.7	3
6	Unconventional superconducting quantum criticality in monolayer WTe2. Nature Physics, 2024, 20, 269-274.	11.8	0
7	Chemical exfoliation of 1-dimensional antiferromagnetic nanoribbons from a non-van der Waals material. Nanoscale Horizons, 2024, 9, 479-486.	7.7	0
8	Chemical Bonding Induces One-Dimensional Physics in Bulk Crystal BiIr₄Se₈. Journal of the American Chemical Society, 2024, 146, 6784-6795.	14.6	0
9	Challenges in High-Throughput Inorganic Materials Prediction and Autonomous Synthesis. , 2024, 3, .		13
10	Uniaxial strain effects on the Fermi surface and quantum mobility of the Dirac nodal-line semimetal ZrSiS. Physical Review B, 2024, 109, .	3.3	0
11	Atomic-scale visualization of a cascade of magnetic orders in the layered antiferromagnet GdTe3. Npj Quantum Materials, 2024, 9, .	5.2	0
12	Realignment and suppression of charge density waves in the rare-earth tritellurides <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mi>R</mml:mi><mml:mi mathvariant="normal">Te</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> <mml:math		

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19	Synthesis of an aqueous, air-stable, superconducting 1Tâ€²-WS ₂ monolayer ink. Science Advances, 2023, 9, .	10.9	20
20	Charge density wave-templated spin cycloid in topological semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NdSb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>x</mml:mi></mml:mrow></mml:math> Physical Review Materials, 2023, 7, .	2.5	1
21	Experimental Realization of a Three-Dimensional Dirac Semimetal Phase with a Tunable Lifshitz Transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Au</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review Letters, 2023, 130, .	8.0	0
22	Acid-Assisted Soft Chemical Route for Preparing High-Quality Superconducting 2M-WS₂. Chemistry of Materials, 2023, 35, 5487-5496.	7.1	2
23	Atomic Resolution Imaging of Highly Air-Sensitive Monolayer and Twisted-Bilayer WTe₂. Nano Letters, 2023, 23, 6868-6874.	9.5	7
24	A platform for far-infrared spectroscopy of quantum materials at millikelvin temperatures. Review of Scientific Instruments, 2023, 94, .	1.4	2
25	Evidence for two dimensional anisotropic Luttinger liquids at millikelvin temperatures. Nature Communications, 2023, 14, .	13.2	3
26	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pb</mml:mi><mml:mn>9</mml:mn></mml:mrow></mml:math> : Phonon bands, localized flat-band magnetism, models, and chemical analysis. Physical Review B, 2023, 108, .	3.3	8
27	TaCo₂Te₂: An Airâ€Stable, High Mobility Van der Waals Material with Probable Magnetic Order. Advanced Functional Materials, 2022, 32, .	16.5	11
28	Square-Net Topological Semimetals: How Spectroscopy Furthers Understanding and Control. Journal of Physical Chemistry Letters, 2022, 13, 838-850.	4.9	5
29	Evidence for a monolayer excitonic insulator. Nature Physics, 2022, 18, 87-93.	11.8	84
30	Quasiparticle interference observation of the topologically nontrivial drumhead surface state in ZrSiTe. Physical Review B, 2022, 105, .	3.3	4
31	Catalogue of flat-band stoichiometric materials. Nature, 2022, 603, 824-828.	36.2	91
32	One-dimensional Luttinger liquids in a two-dimensional moirÃ© lattice. Nature, 2022, 605, 57-62.	36.2	58
33	Theoretical study of topological properties of ferromagnetic pyrite CoS₂. Journal Physics D: Applied Physics, 2022, 55, 304004.	2.9	4
34	3D Analogs of Square-Net Nodal Line Semimetals: Band Topology of Cubic LaIn₃. Chemistry of Materials, 2022, 34, 4446-4455.	7.1	5
35	Magnetic Nanosheets via Chemical Exfoliation of K_{2x}Mn_xSn_{1â€“x}S₂. Chemistry of Materials, 2022, 34, 5084-5093.	7.1	5
36	A Class of Magnetic Topological Material Candidates with Hypervalent Bi Chains. Journal of the American Chemical Society, 2022, 144, 9785-9796.	14.6	11

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37	Ln₃MBi₅ (Ln=Pr, Nd, Sm; M=Zr, Hf): Intermetallics with Hypervalent Bismuth Chains. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	1.3	2
38	Simple Chemical Rules for Predicting Band Structures of Kagome Materials. Journal of the American Chemical Society, 2022, 144, 10978-10991.	14.6	28
39	Axial Higgs mode detected by quantum pathway interference in RTe3. Nature, 2022, 606, 896-901.	36.2	26
40	Phase tuning of multiple Andreev reflections of Dirac fermions and the Josephson supercurrent in Alâ€“MoTe ₂ â€“Al junctions. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.6	2
41	Chemical Exfoliation toward Magnetic 2D VOCl Monolayers. ACS Nano, 2022, 16, 13814-13820.	15.3	16
42	Cover Feature: Ln₃MBi₅ (Ln=Pr, Nd, Sm; M=Zr, Hf): Intermetallics with Hypervalent Bismuth Chains (Z. Anorg. Allg. Chem. 15/2022). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	1.3	0
43	Chemically exfoliated nanosheets of Î²-Bi₂O₃. JPhys Materials, 2022, 5, 044004.	4.3	2
44	Photoinduced band renormalization effects in the topological nodal-line semimetal ZrSiS. Physical Review B, 2022, 106, .	3.3	2
45	The properties and prospects of chemically exfoliated nanosheets for quantum materials in two dimensions. Applied Physics Reviews, 2021, 8, .	11.7	19
46	Complex magnetic phases enriched by charge density waves in the topological semimetals <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>GdSb</mml:mi><mml:mi>x</mml:mi></mml	3.3	17
	Physical Review B, 2021, 103, .		
47	Robust Narrow-Gap Semiconducting Behavior in Square-Net La₃Cd₂As₆. Chemistry of Materials, 2021, 33, 4122-4127.	7.1	6
48	Signature of an ultrafast photoinduced Lifshitz transition in the nodal-line semimetal ZrSiTe. Physical Review B, 2021, 103, .	3.3	8
49	Band Engineering of Dirac Semimetals Using Charge Density Waves. Advanced Materials, 2021, 33, e2101591.	24.3	35
50	Evolving Devil's Staircase Magnetization from Tunable Charge Density Waves in Nonsymmorphic Dirac Semimetals. Advanced Materials, 2021, 33, e2103476.	24.3	16
51	Chemical bonds in topological materials. Trends in Chemistry, 2021, 3, 700-715.	9.0	18
52	Landau quantization and highly mobile fermions in an insulator. Nature, 2021, 589, 225-229.	36.2	60
53	Kinetics and Evolution of Magnetism in Soft-Chemical Synthesis of CrSe₂ from KCrSe₂. Chemistry of Materials, 2021, 33, 8070-8078.	7.1	14
54	Change in Magnetic Properties upon Chemical Exfoliation of FeOCl. Inorganic Chemistry, 2020, 59, 1176-1182.	4.2	31

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55	Layer-cake 2D superconductivity. Science, 2020, 370, 170-170.	20.9	4
56	Transient Drude Response Dominates Near-Infrared Pumpâ€“Probe Reflectivity in Nodal-Line Semimetals ZrSiS and ZrSiSe. Journal of Physical Chemistry Letters, 2020, 11, 6105-6111.	4.9	14
57	A cleanroom in a glovebox. Review of Scientific Instruments, 2020, 91, 073909.	1.4	17
58	Weyl fermions, Fermi arcs, and minority-spin carriers in ferromagnetic CoS ₂. Science Advances, 2020, 6, .	10.9	23
59	Anomalous Shubnikov-de Haas quantum oscillations in rare-earth tritelluride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NdTe</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review B, 2020, 102, .	3.3	11
60	The Role of Delocalized Chemical Bonding in Square-Net-Based Topological Semimetals. Journal of the American Chemical Society, 2020, 142, 6350-6359.	14.6	56
61	Special topic on topological semimetalsâ€”New directions. APL Materials, 2020, 8, .	4.8	5
62	Modular Arithmetic with Nodal Lines: Drumhead Surface States in ZrSiTe. Physical Review X, 2020, 10, .	9.1	24
63	High mobility in a van der Waals layered antiferromagnetic metal. Science Advances, 2020, 6, eaay6407.	10.9	94
64	Strong and fragile topological Dirac semimetals with higher-order Fermi arcs. Nature Communications, 2020, 11, 627.	13.2	169
65	Systematic study of stacked square nets: From Dirac fermions to material realizations. Physical Review B, 2020, 101, .	3.3	28
66	Determination of the Fermi surface and field-induced quasiparticle tunneling around the Dirac nodal loop in ZrSiS. Physical Review Research, 2020, 2, .	3.6	18
67	Robustness of Yu-Shiba-Rusinov resonances in the presence of a complex superconducting order parameter. Physical Review B, 2019, 100, .	3.3	17
68	A New Three-Dimensional Subsulfide Ir₂In₈S with Dirac Semimetal Behavior. Journal of the American Chemical Society, 2019, 141, 19130-19137.	14.6	27
69	Soft Chemical Synthesis of H_xCrS₂: An Antiferromagnetic Material with Alternating Amorphous and Crystalline Layers. Journal of the American Chemical Society, 2019, 141, 15634-15640.	14.6	35
70	Fermi-level Dirac crossings in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:r and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>5</mml:mn><mml:mi>d</mml:mi></mml:mrow></mml:r cubic metal oxides: <mml:math	3.3	8
71	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NaPd</mml:mi><mml:mn>3</mml:mn></ Ruthenium Oxide Nanosheets for Enhanced Oxygen Evolution Catalysis in Acidic Medium. Advanced Energy Materials, 2019, 9, 1803795.	22.2	159
72	Topological Semimetals in Square-Net Materials. Annual Review of Materials Research, 2019, 49, 185-206.	9.8	102

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73	Weyl nodes and magnetostructural instability in antiperovskite Mn3ZnC. APL Materials, 2019, 7, .	4.8	4
74	Charge Density Waves and Magnetism in Topological Semimetal Candidates GdSb_xTe_{2â^'}_x_{â^'}_{Î´}. Advanced Quantum Technologies, 2019, 2, 1900045.	4.3	31
75	Superconducting order parameter of the nodal-line semimetal NaAlSi. APL Materials, 2019, 7, .	4.8	27
76	Dirac fermions and possible weak antilocalization in LaCuSb2. APL Materials, 2019, 7, .	4.8	17
77	Out-of-plane transport in ZrSiS and ZrSiSe microstructures. APL Materials, 2019, 7, .	4.8	9
78	New Light on an Old Story: The Crystal Structure of Boron Tetrathiophosphate Revisited. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 267-271.	1.3	12
79	The effect of spin-orbit coupling on nonsymmorphic square-net compounds. Journal of Physics and Chemistry of Solids, 2019, 128, 296-300.	4.1	17
80	Origin of the butterfly magnetoresistance in ZrSiS. Physical Review Materials, 2019, 3, .	2.5	11
81	Symmetry-enforced band crossings in trigonal materials: Accordion states and Weyl nodal lines. Physical Review Materials, 2019, 3, .	2.5	21
82	Magneto-optical probe of the fully gapped Dirac band in ZrSiS. Physical Review Research, 2019, 1, .	3.6	9
83	Tunable Weyl and Dirac states in the nonsymmorphic compound CeSbTe. Science Advances, 2018, 4, eaar2317.	10.9	115
84	Chemical Principles of Topological Semimetals. Chemistry of Materials, 2018, 30, 3155-3176.	7.1	172
85	Electrical Transport Signature of the Magnetic Fluctuation-Structure Relation in Î±-RuCl₃ Nanoflakes. Nano Letters, 2018, 18, 3203-3208.	9.5	31
86	Vapor-Phase Amine Intercalation for the Rational Design of Photonic Nanosheet Sensors. Chemistry of Materials, 2018, 30, 2557-2565.	7.1	9
87	Unconventional mass enhancement around the Dirac nodal loop in ZrSiS. Nature Physics, 2018, 14, 178-183.	11.8	135
88	IrOOH nanosheets as acid stable electrocatalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 21558-21566.	10.5	73
89	Synthesis and Characterization of Three New Lithiumâ€Scandium Hexathiohypodiphosphates: Li_{4â€“3x}Sc_xP₂S₆ (x = 0.358), mâ€LiScP₂S₆, and tâ€LiScP₂S₆. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1854-1862.	1.3	7
90	On the possibility of magnetic Weyl fermions in non-symmorphic compound PtFeSb. European Physical Journal B, 2018, 91, 1.	1.6	8

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91	Single-Crystal Growth and Characterization of the Chalcopyrite Semiconductor CuInTe₂ for Photoelectrochemical Solar Fuel Production. Journal of Physical Chemistry Letters, 2018, 9, 6833-6840.	4.9	9
92	Free-carrier dynamics in Au₂Pb probed by optical conductivity measurements. Journal of Physics Condensed Matter, 2018, 30, 485403.	1.9	7
93	Electron-Hole Tunneling Revealed by Quantum Oscillations in the Nodal-Line Semimetal HfSiS. Physical Review Letters, 2018, 121, 256602.	8.0	37
94	Directly photoexcited Dirac and Weyl fermions in ZrSiS and NbAs. Applied Physics Letters, 2018, 113, .	3.2	14
95	Topological Materials and Solid-State Chemistryâ€"Finding and Characterizing New Topological Materials. Springer Series in Solid-state Sciences, 2018, , 211-243.	0.0	0
96	Topological band crossings in hexagonal materials. Physical Review Materials, 2018, 2, .	2.5	37
97	Structural Stability Diagram of ALnP₂S₆ Compounds (A = Na, K, Rb, Cs; Ln =) Tj ETQq1 1 0.784314 rgBT /O	4.2	34
98	Toward Tunable Photonic Nanosheet Sensors: Strong Influence of the Interlayer Cation on the Sensing Characteristics. Advanced Materials, 2017, 29, 1604884.	24.3	17
99	Dirac line nodes and effect of spin-orbit coupling in the nonsymmorphic critical semimetals <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>M</mml:mi><mml:mi>SiS</mml:mi><mml:mspace width="0.16em" /><mml:mo>(</mml:mo><mml:mi>M</mml:mi><mml:mo>=</mml:mo><mml:mi>Hf</mml:mi><mml:mo>,</mml:mo><mml:mspace) Tj	3.3	139
100	Paris. Ird-band derived superconductivity in the lanthanum-iridium system LaIr₃. Journal of Physics Condensed Matter, 2017, 29, 475602.	1.9	13
101	Trivalent Iridium Oxides: Layered Triangular Lattice Iridate K_{0.75}Na_{0.25}IrO₂ and Oxyhydroxide IrOOH. Chemistry of Materials, 2017, 29, 8338-8345.	7.1	40
102	Similar ultrafast dynamics of several dissimilar Dirac and Weyl semimetals. Journal of Applied Physics, 2017, 122, .	2.3	39
103	The First Quinary Rare Earth Thiophosphates: Cs₅Ln₃X₃(P₂S₆)₂(PS₄) (Ln = La, Ce, X = Br, Cl) and the Quasiâ€Quaternary Cs₁₀Y₄Cl₁₀(P₂S₆)₃. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1818-1823.	1.3	15
104	Flat Optical Conductivity in ZrSiS due to Two-Dimensional Dirac Bands. Physical Review Letters, 2017, 119, 187401.	8.0	70
105	Pressure effect on superconductivity in FeSe_{0.5}Te_{0.5}. Physica Status Solidi (B): Basic Research, 2017, 254, 1600161.	1.6	8
106	Surface Floating 2D Bands in Layered Nonsymmorphic Semimetals: ZrSiS and Related Compounds. Physical Review X, 2017, 7, .	9.1	51
107	Synthesis and Characterization of Copper Hexathiometadiphosphate Cu₂P₂S₆. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 356-360.	1.3	12
108	Non-symmorphic band degeneracy at the Fermi level in ZrSiTe. New Journal of Physics, 2016, 18, 125014.	2.9	94

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109	Butterfly magnetoresistance, quasi-2D Dirac Fermi surface and topological phase transition in ZrSiS. Science Advances, 2016, 2, e1601742.	10.9	189
110	Magnetic Properties of Restacked 2D Spin 1/2 honeycomb RuCl₃ Nanosheets. Nano Letters, 2016, 16, 3578-3584.	9.5	91
111	Li_{0.6}[Li_{0.2}Sn_{0.8}S₂] â€“ a layered lithium superionic conductor. Energy and Environmental Science, 2016, 9, 2578-2585.	32.2	50
112	Toward Fluorinated Spacers for MAPI-Derived Hybrid Perovskites: Synthesis, Characterization, and Phase Transitions of (FC₂H₄NH₃)₂PbCl₄. Chemistry of Materials, 2016, 28, 6560-6566.	7.1	78
113	Evolution of magnetic fluctuations through the Fe-induced paramagnetic to ferromagnetic transition inCr2B. Physical Review B, 2016, 93, .	3.3	2
114	Copper Selenidophosphates Cu₄P₂Se₆, Cu₄P₃Se₄, Cu₄P₄Se₃, and CuP₂Se, Featuring Zero-, One-, and Two-Dimensional Anions. Inorganic Chemistry, 2016, 55, 8031-8040.	4.2	5
115	Tuning the magnetoresistance of ultrathin WTe₂sheets by electrostatic gating. Nanoscale, 2016, 8, 18703-18709.	5.8	26
116	Dirac cone protected by non-symmorphic symmetry and three-dimensional Dirac line node in ZrSiS. Nature Communications, 2016, 7, 11696.	13.2	616
117	Breakdown of three-dimensional Dirac semimetal state in pressurized<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">d</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:msub><mml:mi	3.3	43
118	Dirac metal to topological metal transition at a structural phase change in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Au</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">Pb</mml:mi></mml:math>and prediction of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="double-struck">Z</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>topology	3.3	57
119	Three-dimensional Dirac semimetals: Design principles and predictions of new materials. Physical Review B, 2015, 91, .	3.3	207
120	Correlation of crystal quality and extreme magnetoresistance of WTe ₂. Europhysics Letters, 2015, 110, 67002.	2.0	97
121	Goldâ€“Gold Bonding: The Key to Stabilizing the 19-Electron Ternary Phases LnAuSb (Ln =) Tj ETQq1 1 0.784314 rgBT /Ov	14.6	31
122	A new form of Ca3P2 with a ring of Dirac nodes. APL Materials, 2015, 3, .	4.8	292
123	Characterization of the heavy metal pyrochlore lattice superconductor CaIr₂. Journal of Physics Condensed Matter, 2015, 27, 185701.	1.9	24
124	Paramagnetic to ferromagnetic phase transition in lightly Fe-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">B</mml:mi></mml:math>. Physical Review B, 2014, 89, .	3.3	21
125	Pressure-induced structural phase transition in the half-Heusler compound CaAuBi. Solid State Sciences, 2014, 30, 6-10.	3.2	24
126	Large, non-saturating magnetoresistance in WTe2. Nature, 2014, 514, 205-208.	36.2	1,381

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127	Structure and elementary properties of the new Ir hollandite Rb0.17IrO2. Journal of Solid State Chemistry, 2014, 209, 37-41.	3.0	6
128	new polymorph of HfCuGe with a novel structure type. Journal of Solid State Chemistry, 2013, 199, 66-70.	3.0	2
129	Spontaneous Formation of Zigzag Chains at the Metal-Insulator Transition in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>-Pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CsW</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review Letters	8.0	28
130	Lone Pair Effect, Structural Distortions, and Potential for Superconductivity in Tl Perovskites. Inorganic Chemistry, 2013, 52, 5479-5483.	4.2	41
131	Superconductivity in HfCuGe 2 : A non-magnetic analog of the 1111 iron pnictides. Europhysics Letters, 2013, 101, 67001.	2.0	4
132	Correlated evolution of colossal thermoelectric effect and Kondo insulating behavior. APL Materials, 2013, 1, .	4.8	12
133	A ferromagnetic insulating substrate for the epitaxial growth of topological insulators. Journal of Applied Physics, 2013, 114, 114907.	2.3	141
134	Superconductivity in the Cu(Ir<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	3.3	21
135	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml: Termination-dependent topological surface states of the natural superlattice phase Bi4Se3. Physical Review B, 2013, 88, .	3.3	55
136	Topological semimetal in a Bi-Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>infinitely adaptive superlattice phase. Physical Review B, 2012, 86, .	3.3	62
137	Effect of pressure on superconductivity in NaAlSi. Physical Review B, 2012, 86, .	3.3	17
138	Superconductivity and magnetism in Rb0.8Fe1.6Se2under pressure. Physical Review B, 2012, 85, .	3.3	27
139	Thermomagnetic Properties Improved by Selfâ€Organized Floweraâ€Like Phase Separation of Ferromagnetic Co₂Dy_{0.5}Mn_{0.5}Sn. Advanced Functional Materials, 2012, 22, 1822-1826.	16.5	8
140	The effect of Fe doping on superconductivity in ZrRuP. Solid State Communications, 2011, 151, 1504-1506.	1.9	7
141	Pressure-restored superconductivity in Cu-substituted FeSe. Physical Review B, 2011, 84, .	3.3	19
142	Fe Site Order and Magnetic Properties of Fe_{1/4}NbS₂. Inorganic Chemistry, 0, , .	4.2	0
143	Toward 1D Transport in 3D Materials: SOCâ€Induced Chargeâ€Transport Anisotropy in Sm₃ZrBi₅. Advanced Materials, 0, , .	24.3	0
144	Freestanding Monolayer CrOCl Through Chemical Exfoliation. Nanoscale Horizons, 0, , .	7.7	0

#	Article	IF	Citations
145	Friends not Foes: Exfoliation of Non-van der Waals Materials. Accounts of Chemical Research, 0, , .	16.6	0
146	Polymorphism within the Quasi-One-Dimensional Au₂MP₂ (M = Tl, Pb, Pb/Bi,) Tj ETQq0 0 0 rgBT /Overlock 10	7.1	0