Andrew F May

List of Publications by Year
in descending order

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129	8,068	66343	48315
papers	citations	42 h-index	88 g-index

137	137	137	8010
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tuning the room temperature ferromagnetism in Fe₅GeTe₂ by arsenic substitution. 2D Materials, 2022, 9, 015013.	4.4	14
2	Synthesis, Crystal Structure, and Physical Properties of BaSnS₂. Physica Status Solidi - Rapid Research Letters, 2022, 16, .	2.4	2
3	Observation of a Novel Lattice Instability in Ultrafast Photoexcited SnSe. Physical Review X, 2022, 12, .	8.9	10
4	Observation of photo-induced plasmonâ€“phonon coupling in PbTe via ultrafast x-ray scattering. Structural Dynamics, 2022, 9, 024301.	2.3	3
5	Revealing room temperature ferromagnetism in exfoliated Fe₅GeTe₂ flakes with quantum magnetic imaging. 2D Materials, 2022, 9, 025017.	4.4	17
6	Magnetic properties of Fe-substituted NiBr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e780" altimg="si32.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> single crystals. Journal of Magnetism and Magnetic Materials, 2022, , 169452.	2.3	0
7	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Si</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2022, 105, .	3.2	9
8	Van Hove singularity in the magnon spectrum of the antiferromagnetic quantum honeycomb lattice. Nature Communications, 2021, 12, 171.	12.8	24
9	Twisting the thermoelectric potential. Nature Materials, 2021, 20, 451-452.	27.5	3
10	Resonant ultrasound spectroscopy probe for in-situ neutron scattering measurements. Proceedings of Meetings on Acoustics, 2021, , .	0.3	3
11	Tuning the flat bands of the kagome metal CoSn with Fe, In, or Ni doping. Physical Review Materials, 2021, 5, .	2.4	17
12	Hierarchical excitations from correlated spin tetrahedra on the breathing pyrochlore lattice. Physical Review B, 2021, 103, .	3.2	5
13	Intrinsic anharmonicity and thermal properties of ultralow thermal conductivity <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>24</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review Materials, 2021, 5, .	2.4	8
14	Complex magnetic phases in the polar tetragonal intermetallic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NdCoGe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2021, 103, .	3.2	6
15	Suppressed incommensurate order in swedenborgite Ca0.5Y0.5BaCo4O7. Physical Review B, 2021, 104, .	3.2	4
16	Self-regulated growth of candidate topological superconducting parkerite by molecular beam epitaxy. APL Materials, 2021, 9, 101110.	5.1	3
17	Synthesis and anisotropic magnetism in quantum spin liquid candidates AYbSe2 (A = K and) Tj ETQq1 1 0.784314 rgBT	5.1	17
18	Cluster Frustration in the Breathing Pyrochlore Magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LiGaCr</mml:mi></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi></mml:mrow><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review Letters, 2020, 125, 167201.	7.8	20

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19	Evidence of a magnetic transition in atomically thin Cr₂TiC₂T_x MXene. Nanoscale Horizons, 2020, 5, 1557-1565.	8.0	51
20	Thermal Properties of the Quaternary Chalcogenide BaCdSnSe 4. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000363.	2.4	3
21	Comprehensive Electrical Control of Metamagnetic Transition of a Quasiâ€2D Antiferromagnet by In Situ Anisotropic Strain. Advanced Materials, 2020, 32, e2002451.	21.0	10
22	A practical guide for crystal growth of van der Waals layered materials. Journal of Applied Physics, 2020, 128, .	2.5	44
23	Giant isotope effect on phonon dispersion and thermal conductivity in methylammonium lead iodide. Science Advances, 2020, 6, eaaz1842.	10.3	17
24	Flat bands in the CoSn-type compounds. Physical Review B, 2020, 102, .	3.2	52
25	Extended anharmonic collapse of phonon dispersions in SnS and SnSe. Nature Communications, 2020, 11, 4430.	12.8	46
26	Magnetism of Nd2O3 single crystals near the NÃ©el temperature. Physical Review B, 2020, 102, .	3.2	0
27	Emergent phenomena and proximity effects in two-dimensional magnets and heterostructures. Nature Materials, 2020, 19, 1276-1289.	27.5	213
28	Thermal properties of BaCu2SnQ4 (Q = S, Se) quaternary chalcogenides. Applied Physics Letters, 2020, 117, 092101.	3.3	3
29	Weakly coupled alternating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:m chains in the distorted honeycomb lattice compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml:m Physical Review B, 2020, 102, .	3.2	11
30	Magnetic properties of ferrimagnetic Mn3Si2Se6. Journal of Magnetism and Magnetic Materials, 2020, 511, 166936.	2.3	8
31	Anharmonic lattice dynamics and superionic transition in AgCrSe ₂. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3930-3937.	7.1	73
32	Tuning magnetic order in the van der Waals metal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2.54</mml:mn></mml:msub></mml:m by cobalt substitution. Physical Review Materials, 2020, 4, .	2.4	52
33	Interlayer magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:m Physical Review Materials, 2020, 4, .	2.4	11
34	Controlling phonon lifetimes via sublattice disordering in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ag</mml:mi><mml:mi>Bi</mml:mi><mml:msub><mml:m Physical Review Materials, 2020, 4, .	2.4	8
35	Optical conductivity of metal alloys with residual resistivities near or above the Mott-Ioffe-Regel limit. Physical Review B, 2019, 100, .	3.2	5
36	Multicomponent fluctuation spectrum at the quantum critical point in CeCu6â”xAgx. Npj Quantum Materials, 2019, 4, .	5.2	4

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37	Evolution of structural, magnetic, and transport properties in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>MnBi</mml:mi><mml:mrow><mml:mn>2 Physical Review B, 2019, 100, .	3.2	10
38	STEM Study of Structure and Local Short-Range Orders in the Fe_{5â^'x}GeTe₂ Crystals with Ferromagnetism Near Room Temperature. Microscopy and Microanalysis, 2019, 25, 956-957.	0.4	1
39	Magnetic correlations and structure in bixbyite across the spin-glass transition. Physical Review B, 2019, 100, .	3.2	10
40	Intrinsic anharmonic localization in thermoelectric PbSe. Nature Communications, 2019, 10, 1928.	12.8	51
41	Magnetic excitations in the quasi-two-dimensional ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>3 measured with inelastic neutron scattering. Physical Review B, 2019, 99, .	3.2	20
42	Ferromagnetism Near Room Temperature in the Cleavable van der Waals Crystal Fe₅GeTe₂. ACS Nano, 2019, 13, 4436-4442.	14.6	266
43	Crystal field splitting, local anisotropy, and low-energy excitations in the quantum magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbCl</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2019, 100, .	3.2	26
44	Selective breakdown of phonon quasiparticles across superionic transition in CuCrSe2. Nature Physics, 2019, 15, 73-78.	16.7	88
45	Influence of cobalt substitution on the magnetism of NiBr2. Physical Review Materials, 2019, 3, .	2.4	3
46	Physical properties and thermal stability of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>5</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> mathvariant="normal">GeTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> single crystals. Synthesis, Magnetization, and heat capacity of triangular lattice materials <mml:math	2.4	71
47	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NaErSe</mml:mi><mml:mn>2</mml:mn></mml:msub> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>KErSe</mml:mi><mml:mn>2</mml:mn></mml:msub> Physical Review Materials, 2019, 3, .	2.4	25
48	High-pressure nuclear inelastic scattering with backscattering monochromatization. Journal of Synchrotron Radiation, 2019, 26, 1592-1599.	2.4	4
49	Negative thermal expansion and magnetoelastic coupling in the breathing pyrochlore lattice material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>LiGaCr</mml:mi><mml:mn>4</mml:mn> mathvariant="normal">S</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 97, .	3.2	41
50	Spin-gap and two-dimensional magnetic excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>3 Physical Review B, 2018, 98, .	3.2	16
51	Behavior of the breathing pyrochlore lattice Ba3Yb2Zn5O11 in applied magnetic field. Journal of Physics Condensed Matter, 2018, 30, 455801.	1.8	11
52	Temperature dependent electronic transport in concentrated solid solutions of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn><mml:mi>d</mml:mi> -transition metals Ni, Fe, Co and Cr from first principles. Physical Review B, 2018, 98, .	3.2	16
53	Two-dimensional itinerant ferromagnetism in atomically thin Fe3GeTe2. Nature Materials, 2018, 17, 778-782.	27.5	995
54	Single-crystal high entropy perovskite oxide epitaxial films. Physical Review Materials, 2018, 2, .	2.4	102

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55	Impact of Sn substitution on the structure and magnetism of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review Materials, 2018, 2, .	2.4	11
56	Physical properties of the trigonal binary compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Nd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2018, 2, .	2.4	9
57	Model-free reconstruction of magnetic correlations in frustrated magnets. IUCrJ, 2018, 5, 410-416.	2.2	17
58	Lattice dynamics and thermal transport in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="bold">CuCrO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2017, 95, .	3.2	19
59	New insights into the structure, chemistry, and properties of Cu4SnS4. Journal of Solid State Chemistry, 2017, 253, 192-201.	2.9	23
60	Heat capacity, resistivity, and angular dependent magnetization studies of single crystal Nd1+âˆŠFe4B4 for âˆŠâ‰ˆ17. Journal of Magnetism and Magnetic Materials, 2017, 435, 100-106.	2.3	0
61	Magnetic order and interactions in ferrimagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2017, 95, .	3.2	40
62	Growth and electrical transport properties of La0.7Sr0.3MnO3 thin films on Sr2IrO4 single crystals. Physical Review B, 2017, 95, .	3.2	8
63	Quantum critical behavior in the asymptotic limit of high disorder in the medium entropy alloy NiCoCr0.8. Npj Quantum Materials, 2017, 2, .	5.2	18
64	Introduction to Modeling Thermoelectric Transport at High Temperatures. , 2017, , 207-224.		16
65	High-temperature magnetostructural transition in van der Waals-layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â€²</mml:mtext><mml:msub><mml:mi>Cr</mml:mi><mml:msub><mml:mi>I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:msub></mml:mrow></mml:math> Physical Review Materials, 2017, 1, .	2.4	37
66	Dynamic defect correlations dominate activated electronic transport in SrTiO3. Scientific Reports, 2016, 6, 30141.	3.3	3
67	Candidate Elastic Quantum Critical Point in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LaCu</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review Letters, 2016, 117, 235701.	7.8	14
68	Phonon anharmonicity and negative thermal expansion in SnSe. Physical Review B, 2016, 94, .	3.2	90
69	Structural phase transition and phonon instability in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Cu</mml:mi><mml:mn>12</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>13</mml:mn></mml:msub></mml:math>. Physical Review B, 2016, 93, .	3.2	48
70	Magnetic structure and phase stability of the van der Waals bonded ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2016, 93, .	3.2	201
71	Anisotropic Exchange within Decoupled Tetrahedra in the Quantum Breathing Pyrochlore<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review Letters, 2016, 116, 257204.	7.8	55
72	The origin of incipient ferroelectricity in lead telluride. Nature Communications, 2016, 7, 12291.	12.8	58

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73	Quantum Critical Behavior in a Concentrated Ternary Solid Solution. Scientific Reports, 2016, 6, 26179.	3.3	50
74	Competing magnetic ground states and their coupling to the crystal lattice in CuFe2Ge2. Scientific Reports, 2016, 6, 35325.	3.3	9
75	Benefits of Carrier Pocket Anisotropy to Thermoelectric Performance: The Case of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-Type<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>AgBiSe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn>	3.8	84
76	Heavy-impurity resonance, hybridization, and phonon spectral functions in<mml:math		

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91	Orbital Occupancy and Charge Doping in Ironâ€Based Superconductors. Advanced Materials, 2014, 26, 6193-6198.	21.0	13
92	Competing magnetic phases and field-induced dynamics in DyRuAsO. Physical Review B, 2014, 90, .	3.2	6
93	Electronic and thermoelectric properties of CoSbS and FeSbS. Physical Review B, 2013, 87, .	3.2	45
94	Thermoelectric properties of polycrystalline NiSi3P4. Journal of Applied Physics, 2013, 113, 103707.	2.5	5
95	Glass-like phonon scattering from a spontaneous nanostructure in AgSbTe2. Nature Nanotechnology, 2013, 8, 445-451.	31.5	161
96	Crystal and Magnetic Structures and Physical Properties of a New Pyroxene NaMnGe₂O₆ Synthesized under High Pressure. Journal of the American Chemical Society, 2013, 135, 2776-2786.	13.7	23
97	Flux growth and physical properties of Mo<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>Sb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>single crystals. Physical Review B, 2013, 87, .	3.2	13
98	Influence of spin fluctuations on the thermal conductivity in superconducting Ba(Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>1</mml:mn></mml:msub></mml:math>Co<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>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><.	3.2	10
99	Transport, thermal, and magnetic properties of the narrow-gap semiconductor CrSb<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>. Physical Review B, 2012, 86, .	3.2	43
100	Publisherâ€™s Note: Spin Reorientation inTlFe1.6Se2with Complete Vacancy Ordering [Phys. Rev. Lett.109, 077003 (2012).]. Physical Review Letters, 2012, 109, .	7.8	1
101	Evolution of the nuclear and magnetic structures of TlFe1.6Se2with temperature. Physical Review B, 2012, 85, .	3.2	11
102	Properties of single crystalline AZn2Sb2 (Aâ€‰=â€‰Ca,Eu,Yb). Journal of Applied Physics, 2012, 111, .	2.5	50
103	Crystallographic and Magnetic Phase Transitions in the Layered Ruthenium Oxyarsenides TbRuAsO and DyRuAsO. Inorganic Chemistry, 2012, 51, 8502-8508.	4.0	3
104	Structural and physical properties of layered oxy-arsenides LnRuAsO (Ln=La, Nd, Sm, Gd). Journal of Solid State Chemistry, 2012, 191, 71-75.	2.9	14
105	Spin Reorientation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>TlFe</mml:mi><mml:mn>1.6</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>with Complete Vacancy Ordering. Physical Review Letters, 2012, 109, 077003.	7.8	32
106	Physical properties of Ce<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>below room temperature. Physical Review B, 2012, 86, .	3.2	11
107	Structure and Properties of Single Crystalline CaMg₂Bi₂, EuMg₂Bi₂, and YbMg₂Bi₂. Inorganic Chemistry, 2011, 50, 11127-11133.	4.0	74

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109	Transport and optical properties of heavily hole-doped semiconductors BaCu2Se2 and BaCu2Te2. Journal of Solid State Chemistry, 2011, 184, 2744-2750.	2.9	25
110	Giant anharmonic phonon scattering in PbTe. Nature Materials, 2011, 10, 614-619.	27.5	561
111	Selfâ€Tuning the Carrier Concentration of PbTe/Ag₂Te Composites with Excess Ag for High Thermoelectric Performance. Advanced Energy Materials, 2011, 1, 291-296.	19.5	224
112	Thermoelectric properties of Co-, Ir-, and Os-doped FeSi alloys: Evidence for strong electron-phonon coupling. Physical Review B, 2011, 83, .	3.2	64
113	Unusual phase transitions and magnetoelastic coupling in TlFe1.6Se2single crystals. Physical Review B, 2011, 83, .	3.2	21
114	Publisher's Note: Unusual phase transitions and magnetoelastic coupling in TlFe1.6Se2single crystals [Phys. Rev. B83, 224510 (2011)]. Physical Review B, 2011, 84, .	3.2	0
115	Valence band study of thermoelectric Zintl-phase<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SrZn</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YbZn</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 81, .	3.2	32
116	Zintl Chemistry for Designing High Efficiency Thermoelectric Materials. Chemistry of Materials, 2010, 22, 624-634.	6.7	560
117	Electronic structure and transport in thermoelectric compounds AZn2Sb2 (A = Sr, Ca, Yb, Eu). Dalton Transactions, 2010, 39, 1046-1054.	3.3	184
118	Optimizing Thermoelectric Efficiency in La_{3â^'x}Te₄ via Yb Substitution. Chemistry of Materials, 2010, 22, 2995-2999.	6.7	49
119	Electron and phonon scattering in the high-temperature thermoelectric<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ba</mml:mtext></mml:mrow><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2010, 81, .	3.2	44
120	Transport properties of the layered Zintl compound SrZnSb2. Journal of Applied Physics, 2009, 106, .	2.5	32
121	Characterization and analysis of thermoelectric transport in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-type<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ba</mml:mtext></mml:mrow><mml:mn>8</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2009, 80, .	3.2	364
122	Thermal Stability and Phase Purity in Polycrystalline Ba8Ga x Ge46â^'x. Journal of Electronic Materials, 2009, 38, 1423-1426.	2.2	9
123	Influence of band structure on the large thermoelectric performance of lanthanum telluride. Physical Review B, 2009, 79, .	3.2	129
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