Nai Phuan Ong

List of Publications by Year
in descending order

179	30,454	8732	4535
papers	citations	75 h-index	171 g-index

182	182	182	19226
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalogue of flat-band stoichiometric materials. Nature, 2022, 603, 824-828.	13.7	65
2	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, .	3.3	2
3	Experimental signatures of the chiral anomaly in Diracâ€“Weyl semimetals. Nature Reviews Physics, 2021, 3, 394-404.	11.9	62
4	Oscillations of the thermal conductivity in the spin-liquid state of Î±-RuCl3. Nature Physics, 2021, 17, 915-919.	6.5	103
5	Band Engineering of Dirac Semimetals Using Charge Density Waves. Advanced Materials, 2021, 33, e2101591.	11.1	32
6	Evolving Devil's Staircase Magnetization from Tunable Charge Density Waves in Nonsymmorphic Dirac Semimetals. Advanced Materials, 2021, 33, e2103476.	11.1	14
7	Singular angular magnetoresistance and sharp resonant features in a high-mobility metal with open orbits, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>ReO</mml:mi><mml:mn>3</mml:mn></m Physical Review Materials, 2021, 5, .	0.9	0
8	High mobility in a van der Waals layered antiferromagnetic metal. Science Advances, 2020, 6, eaay6407.	4.7	85
9	Weak-field induced nonmagnetic state in a Co-based honeycomb. Science Advances, 2020, 6, eaay6953.	4.7	76
10	Evidence for an edge supercurrent in the Weyl superconductor MoTe ₂. Science, 2020, 368, 534-537.	6.0	66
11	Philip W. Anderson (1923â€“2020). Science, 2020, 368, 475-475.	6.0	0
12	A gap-protected zero-Hall effect state in the quantum limit of the non-symmorphic metal KHgSb. Nature Materials, 2019, 18, 443-447.	13.3	14
13	TaRh ₂ B ₂ and NbRh ₂ B ₂ : Superconductors with a chiral noncentrosymmetric crystal structure. Science Advances, 2018, 4, eaar7969.	4.7	73
14	Anomalous Hall effect in ZrTe5. Nature Physics, 2018, 14, 451-455.	6.5	192
15	Quantum oscillations in an insulator. Science, 2018, 362, 32-33.	6.0	3
16	Experimental Tests of the Chiral Anomaly Magnetoresistance in the Dirac-Weyl Semimetals <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Na</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow> and GdPtBi. Physical Review X, 2018, 8, .	2.8	129
17	High-Pressure Synthesis and Characterization of Î²-GeSeâ€”A Six-Membered-Ring Semiconductor in an Uncommon Boat Conformation. Journal of the American Chemical Society, 2017, 139, 2771-2777.	6.6	90
18	Orthogonal magnetization and symmetry breaking in pyrochlore iridate Eu2Ir2O7. Nature Physics, 2017, 13, 599-603.	6.5	27

#	Article	IF	Citations
19	Crystal growth and stoichiometry-dependent properties of the ferromagnetic Weyl semimetal ZrCo2â˜xSn. Journal of Physics Condensed Matter, 2017, 29, 225702.	0.7	7
20	Anomalous Nernst Effect in the Dirac Semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Cd</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mn Physical Review Letters, 2017, 118, 136601.	2.9	138
21	A pressure-induced topological phase with large Berry curvature in Pb _{1â˜ x} Sn _x Te. Science Advances, 2017, 3, e1602510.	4.7	55
22	Chiral anomaly factory: Creating Weyl fermions with a magnetic field. Physical Review B, 2017, 95, .	1.1	94
23	Sn-doped Bi1.1Sb0.9Te2S bulk crystal topological insulator with excellent properties. Nature Communications, 2016, 7, 11456.	5.8	94
24	Time-Reversal-Breaking Weyl Fermions in Magnetic Heusler Alloys. Physical Review Letters, 2016, 117, 236401.	2.9	282
25	Composite Icosahedron/Cube Endohedral Clusters in Rh2Cd15. Inorganic Chemistry, 2016, 55, 7605-7609.	1.9	6
26	Large discrete jumps observed in the transition between Chern states in a ferromagnetic topological insulator. Science Advances, 2016, 2, e1600167.	4.7	59
27	Anomalous conductivity tensor in the Dirac semimetal Na₃Bi. Europhysics Letters, 2016, 114, 27002.	0.7	85
28	Magnetic phase diagram of underdoped YBa ₂ Cu ₃ O _y inferred from torque magnetization and thermal conductivity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12667-12672.	3.3	38
29	The chiral anomaly and thermopower of Weyl fermions in the half-HeuslerÂGdPtBi. Nature Materials, 2016, 15, 1161-1165.	13.3	436
30	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	1.1	55
31	Three-dimensional Dirac semimetals: Design principles and predictions of new materials. Physical Review B, 2015, 91, .	1.1	203
32	Correlation of crystal quality and extreme magnetoresistance of WTe ₂. Europhysics Letters, 2015, 110, 67002.	0.7	96
33	Thermal Hall Effect of Spin Excitations in a Kagome Magnet. Physical Review Letters, 2015, 115, 106603.	2.9	195
34	Bulk crystal growth and electronic characterization of the 3D Dirac semimetal Na3Bi. APL Materials, 2015, 3, .	2.2	76
35	Large thermal Hall conductivity of neutral spin excitations in a frustrated quantum magnet. Science, 2015, 348, 106-109.	6.0	135
36	Magnetic and electronic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaMn</mml:mi><mml:mn>2</mml:mn></mml:m A possible hybridization gap semiconductor. Physical Review B, 2015, 91, .	1.1	26

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37	Heat capacity peak at the quantum critical point of the transverse Ising magnet CoNb2O6. Nature Communications, 2015, 6, 7611.	5.8	53
38	Evidence for the chiral anomaly in the Dirac semimetal Na ₃ Bi. Science, 2015, 350, 413-416.	6.0	927
39	Ultrahigh mobility and giant magnetoresistance in the Dirac semimetalÂCd3As2. Nature Materials, 2015, 14, 280-284.	13.3	1,197
40	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, .	1.1	20
41	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickelÂoxypnictide. Nature Materials, 2014, 13, 777-781.	13.3	41
42	Superconducting properties and electronic structure of NaBi. Journal of Physics Condensed Matter, 2014, 26, 212201.	0.7	15
43	Comparison of Sn-doped and nonstoichiometric vertical-Bridgman-grown crystals of the topological insulator Bi2Te2Se. Journal of Applied Physics, 2014, 115, 143708.	1.1	33
44	Large, non-saturating magnetoresistance in WTe2. Nature, 2014, 514, 205-208.	13.7	1,329
45	Novel Family of Chiral-Based Topological Insulators: Elemental Tellurium under Strain. Physical Review Letters, 2013, 110, 176401.	2.9	133
46	Evidence for massive bulk Dirac fermions in Pb1âˆ'xSnxSe from Nernst and thermopower experiments. Nature Communications, 2013, 4, 2696.	5.8	126
47	Crystal structure and elementary electronic properties of Bi-stabilized Î±-In2Se3. Materials Research Bulletin, 2013, 48, 2517-2521.	2.7	7
48	Tuning the quantum oscillations of surface Dirac electrons in the topological insulator 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>Te<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> by liquid gating. Physical Review B, 2013, 88, .	1.1	27
49	Oscillatory surface dichroism of the insulating topological insulator 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>Te<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. Physical Review B, 2013, 88, .	1.1	38
50	A ferromagnetic insulating substrate for the epitaxial growth of topological insulators. Journal of Applied Physics, 2013, 114, 114907.	1.1	138
51	Reply to â€œComment on â€˜Diamagnetism and Cooper pairing above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>in Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>K<mml:m	1.1	11
52	Thermal Hall conductivity as a probe of gap structure in multiband superconductors: The case of substrates. Physical Review B, 2013, 87, .	1.1	17
53	High-field Shubnikov–de Haas oscillations in the topological insulator 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>Te<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>	1.1	164
54	Defects and high bulk resistivities in the Bi-rich tetradymite topological insulator Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Te<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Se. Physical Review B, 2012, 86, .	1.1	68

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55	Bulk Band Gap and Surface State Conduction Observed in Voltage-Tuned Crystals of the Topological Insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn> Physical Review Letters, 2011, 106, 196801.	2.9	396
56	Protein-Level Fluctuation Correlation at the Microcolony Level and Its Application to the Vibrio harveyi Quorum-Sensing Circuit. Biophysical Journal, 2011, 100, 3045-3053.	0.2	8
57	Low-carrier-concentration crystals of the topological insulator 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>Te<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>Se. Physical Review B, 2011, 84, .	1.1	141
58	Active regulation of receptor ratios controls integration of quorumâ€sensing signals in Vibrio harveyi. Molecular Systems Biology, 2011, 7, 491.	3.2	68
59	Ferromagnetic quantum critical point induced by dimer-breaking in SrCo2(Ge1â^'xPx)2. Nature Physics, 2011, 7, 207-210.	6.5	71
60	Superconductivity and non-metallicity induced by doping the topological insulators Bi2Se3 and Bi2Te3. Journal of Physics and Chemistry of Solids, 2011, 72, 572-576.	1.9	98
61	Unusual Nernst Effect Suggesting Time-Reversal Violation in the Striped Cuprate Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> Physical Review Letters, 2011, 107, 277001.	2.9	24
62	Quantum Oscillations and Hall Anomaly of Surface States in the Topological Insulator Bi ₂ Te ₃. Science, 2010, 329, 821-824.	6.0	767
63	Anomalous Hall effect. Reviews of Modern Physics, 2010, 82, 1539-1592.	16.4	3,276
64	Development of ferromagnetism in the doped topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Bi</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physical Review B, 2010, 81, .	1.1	424
65	Measurement of the Copy Number of the Master Quorum-Sensing Regulator of a Bacterial Cell. Biophysical Journal, 2010, 98, 2024-2031.	0.2	57
66	Diamagnetism and Cooper pairing above<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:mrow></mml:math> in cuprates. Physical Review B, 2010, 81, .	1.1	242
67	Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Cu</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Bi</mml:mi><mml:mn> its Implications for Pairing in the Undoped Topological Insulator. Physical Review Letters, 2010, 104, 057001.	2.9	912
68	Low temperature magnetothermoelectric effect and magnetoresistance in Te vapor annealed Bi₂Te₃. Journal of Physics Condensed Matter, 2010, 22, 375801.	0.7	30
69	A tunable topological insulator in the spin helical Dirac transport regime. Nature, 2009, 460, 1101-1105.	13.7	1,737
70	Extreme sensitivity of superconductivity to stoichiometry in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2009, 79, .	1.1	582
71	Quantitative Transcription Factor Binding Kinetics at the Single-Molecule Level. Biophysical Journal, 2009, 96, 609-620.	0.2	56
72	<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:mtext>Bi</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:msub> topological insulator and low-temperature thermoelectric applications. Physical Review B, 2009, 79, .	1.1	571

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73	Thermopower and Nernst effect in graphene in a magnetic field. Physical Review B, 2009, 80, .	1.1	235
74	Unusual Hall Effect Anomaly in MnSi under Pressure. Physical Review Letters, 2009, 102, 186601.	2.9	337
75	Divergent resistance at the Dirac point in graphene: Evidence for a transition in a high magnetic field. Physical Review B, 2009, 79, .	1.1	117
76	Quantum Interference in Macroscopic Crystals of Nonmetallic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Se</mml:mi><mml:mn Physical Review Letters, 2009, 103, 246601.	2.9	337
77	Enhancement of the thermopower in in the large-x regime (). Physica B: Condensed Matter, 2008, 403, 1564-1568.	1.3	18
78	Recipe for spin currents. Nature, 2008, 455, 741-743.	13.7	7
79	Crystal structure and physical properties of Mg6Cu16Si7-type M6Ni16Si7, for M=Mg, Sc, Ti, Nb, and Ta. Materials Research Bulletin, 2008, 43, 9-15.	2.7	14
80	Anomalous Hall effect and magnetoresistance in the layered ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^•</mml:mo><mml:mn>4</mml:mn></mml:mrow><mml:mi mathvariant="normal">Ta</mml:mi><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>: The inelastic regime. Physical Review B, 2008, 77, .	1.1	82
81	Zero-Energy State in Graphene in a High Magnetic Field. Physical Review Letters, 2008, 100, 206801.	2.9	290
82	Phase Transitions of Dirac Electrons in Bismuth. Science, 2008, 321, 547-550.	6.0	150
83	Momentum dependence of superconducting gap, strong-coupling dispersion kink, and tightly bound Cooper pairs in the high-Tc(Sr,Ba)1â^'x(K,Na)xFe2As2superconductors. Physical Review B, 2008, 78, .	1.1	127
84	Anomalous thermopower and Nernst effect in CeCoIn 5 : Loss of entropy current in precursor state. Europhysics Letters, 2007, 79, 17006.	0.7	25
85	The Lorenz number in CeCoIn 5 inferred from the thermal and charge Hall currents. Europhysics Letters, 2007, 80, 37005.	0.7	7
86	Anisotropic properties of the layered superconductorCu0.07TiSe2. Physical Review B, 2007, 75, .	1.1	36
87	OngetÂal.Reply:. Physical Review Letters, 2007, 98, .	2.9	12
88	Hidden constant in the anomalous Hall effect of high-purity magnet MnSi. Physical Review B, 2007, 75, .	1.1	134
89	Sharp switching of the magnetization inFe1â^•4TaS2. Physical Review B, 2007, 75, .	1.1	99
90	Structures and thermoelectric properties of the infinitely adaptive series(Bi2)m(Bi2Te3)n. Physical Review B, 2007, 75, .	1.1	176

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91	Thermal Hall conductivity and long-lived quasiparticles in CeCoIn5. Physica C: Superconductivity and Its Applications, 2007, 460-462, 676-677.	0.6	0
92	Magnetization, Nernst effect and vorticity in the cuprates. Journal of Magnetism and Magnetic Materials, 2007, 310, 460-466.	1.0	16
93	Low-temperature vortex liquid in La2â^'xSrxCuO4. Nature Physics, 2007, 3, 311-314.	6.5	62
94	GEOMETRY AND THE ANOMALOUS HALL EFFECT IN FERROMAGNETS. , 2006, , .		1
95	Crystal structure and elementary properties ofNaxCoO2(x=0.32, 0.51, 0.6, 0.75, and 0.92) in the three-layerNaCoO2family. Physical Review B, 2006, 73, .	1.1	109
96	Ferromagnetism below10Kin Mn-doped BiTe. Physical Review B, 2006, 74, .	1.1	28
97	Large enhancement of the thermopower in NaxCoO2 at high Na doping. Nature Materials, 2006, 5, 537-540.	13.3	291
98	Superconductivity in CuxTiSe2. Nature Physics, 2006, 2, 544-550.	6.5	812
99	Synthesis, structure and physical properties of Ru ferrites: BaMRu5O11 (M=Li and Cu) and BaMâ€²2Ru4O11 (Mâ€²=Mn, Fe and Co). Journal of Solid State Chemistry, 2006, 179, 563-572.	1.4	53
100	Nernst effect in high-Tcsuperconductors. Physical Review B, 2006, 73, .	1.1	562
101	Superconductivity in three-layer Na0.3CoO2Â·1.3H2O. Solid State Communications, 2005, 133, 407-410.	0.9	20
102	Synthesis and properties of the Co7Se8â^'xSx and Ni7Se8â^'xSx solid solutions. Journal of Solid State Chemistry, 2005, 178, 1508-1512.	1.4	14
103	Thermoelectric properties of epitaxial and topotaxial NaxCoO2 thin films. Materials Research Society Symposia Proceedings, 2005, 886, 1.	0.1	2
104	Structural and transport properties of epitaxial NaxCoO2 thin films. Applied Physics Letters, 2005, 87, 172104.	1.5	20
105	Giant angular-dependent Nernst effect in the quasi-one-dimensional organic conductor(TMTSF)2PF6. Physical Review B, 2005, 72, .	1.1	26
106	Speeding up a single-molecule DNA device with a simple catalyst. Physical Review E, 2005, 72, 051918.	0.8	9
107	Field-Enhanced Diamagnetism in the Pseudogap State of the CuprateBi2Sr2CaCu2O8+Î´Superconductor in an Intense Magnetic Field. Physical Review Letters, 2005, 95, 247002.	2.9	224
108	Strongly nonlinear magnetization above T c in Bi 2 Sr 2 CaCu 2 O 8 + Î´. Europhysics Letters, 2005, 72, 451-457.	0.7	67

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109	Controlling the Size of Magnetic Nanoparticles Using Pluronic Block Copolymer Surfactants. Journal of Physical Chemistry B, 2005, 109, 15-18.	1.2	75
110	Phase coherence and the Nernst effect at magic angles in organic conductors. Europhysics Letters, 2004, 66, 579-584.	0.7	12
111	Anomalous Hall Heat Current and Nernst Effect in theCuCr2Se4â^'xBrxFerromagnet. Physical Review Letters, 2004, 93, 226601.	2.9	137
112	Zhanget al.Reply. Physical Review Letters, 2004, 93, .	2.9	3
113	Low temperature phase transitions and crystal structure of Na0.5CoO2. Journal of Physics Condensed Matter, 2004, 16, 5803-5814.	0.7	151
114	PHYSICS: Electronic Frustration on a Triangular Lattice. Science, 2004, 305, 52-53.	6.0	59
115	Electronic characterization of alkali ruthenium hollandites: KRu4O8, RbRu4O8 and Cs0.8Li0.2Ru4O8. Materials Research Bulletin, 2004, 39, 1663-1670.	2.7	17
116	Charge Ordering, Commensurability, and Metallicity in the Phase Diagram of the LayeredNaxCoO2. Physical Review Letters, 2004, 92, 247001.	2.9	579
117	Formation of transition metal boride and carbide perovskites related to superconducting MgCNi3. Journal of Solid State Chemistry, 2004, 177, 1244-1251.	1.4	61
118	Vorticity, phase stiffness and the cuprate phase diagram. Physica C: Superconductivity and Its Applications, 2004, 408-410, 11-15.	0.6	22
119	Dissipationless Anomalous Hall Current in the Ferromagnetic Spinel CuCr2Se4-xBrx. Science, 2004, 303, 1647-1649.	6.0	201
120	Chemical instability of the cobalt oxyhydrate superconductor under ambient conditions. Solid State Communications, 2003, 127, 33-37.	0.9	87
121	Spin entropy as the likely source of enhanced thermopower in NaxCo2O4. Nature, 2003, 423, 425-428.	13.7	637
122	Dependence of Upper Critical Field and Pairing Strength on Doping in Cuprates. Science, 2003, 299, 86-89.	6.0	178
123	Cyclotron resonance at microwave frequencies in two-dimensional hole system in AlGaAs/GaAs quantum wells. Applied Physics Letters, 2003, 83, 3519-3521.	1.5	28
124	Reply to â€œComment on â€˜Collapse of the vortex-lattice inductance and shear modulus at the melting transition in untwinnedYBa2Cu3O7â€™ â€• Physical Review B, 2003, 67, .	1.1	0
125	Field tuning of the electron and hole populations in the ruthenate Bi3Ru3O11. Europhysics Letters, 2003, 63, 860-866.	0.7	6
126	High Field Phase Diagram of Cuprates Derived from the Nernst Effect. Physical Review Letters, 2002, 88, 257003.	2.9	172

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127	Low temperature synthesis of MgB[sub 2]. Journal of Applied Physics, 2002, 91, 274.	1.1	67
128	Collapse of the vortex-lattice inductance and shear modulus at the melting transition in untwinnedYBa2Cu3O7. Physical Review B, 2002, 65, .	1.1	6
129	Insulating Behavior ofÎ»-DNA on the Micron Scale. Physical Review Letters, 2002, 89, 198102.	2.9	215
130	Onset of the vortexlike Nernst signal aboveTcinLa2â^'xSrxCuO4andBi2Sr2â^'yLayCuO6. Physical Review B, 2001, 64, .	1.1	291
131	Superconductivity in the non-oxide perovskite MgCNi3. Nature, 2001, 411, 54-56.	13.7	571
132	Particle-hole symmetry in the antiferromagnetic state of the cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 11091-11096.	3.3	21
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