

Nai Phuan Ong

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
19	Crystal growth and stoichiometry-dependent properties of the ferromagnetic Weyl semimetal $ZrCo_2\bar{a}^xSn$. Journal of Physics Condensed Matter, 2017, 29, 225702.	0.7	7
20	Anomalous Nernst Effect in the Dirac Semimetal Cd_3As_2 . Physical Review Letters, 2017, 118, 136601.	2.9	138
21	A pressure-induced topological phase with large Berry curvature in $Pb_{1-x}Sn_xTe$. 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 $Bi_{1.1}Sb_{0.9}Te_2S$ 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 Rh_2Cd_{15} . 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 Na_3Bi . Europhysics Letters, 2016, 114, 27002.	0.7	85
28	Magnetic phase diagram of underdoped $YBa_2Cu_3O_{i-y}$ 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-Heusler $\hat{A}GdPtBi$. Nature Materials, 2016, 15, 1161-1165.	13.3	436
30	Dirac metal to topological metal transition at a structural phase change in $AuPb_2$ and prediction of PbZ_2 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 Na_3Bi . 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 $CaMn_2$. 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 CoNb ₂ O ₆ . 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 semimetal Cd_3As_2 . Nature Materials, 2015, 14, 280-284.	13.3	1,197
40	Paramagnetic to ferromagnetic phase transition in lightly Fe-doped CrB_2 . Physical Review B, 2014, 89, .	1.1	20
41	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickel oxypnictide. 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 Bi ₂ Te ₂ Se. Journal of Applied Physics, 2014, 115, 143708.	1.1	33
44	Large, non-saturating magnetoresistance in WTe ₂ . 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 Pb _{1-x} Sn _x Se from Nernst and thermopower experiments. Nature Communications, 2013, 4, 2696.	5.8	126
47	Crystal structure and elementary electronic properties of Bi-stabilized In_2Se_3 . Materials Research Bulletin, 2013, 48, 2517-2521.	2.7	7
48	Tuning the quantum oscillations of surface Dirac electrons in the topological insulator Bi_2Te_3 . Physical Review B, 2013, 87, .	1.1	27
49	Oscillatory surface dichroism of the insulating topological insulator Bi_2Te_3 by liquid gating. 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 "Comment on "Diamagnetism and Cooper pairing above T_c in BaFe_2As_2 "" Thermal Hall conductivity as a probe of gap structure in multiband superconductors: The case of BaFe_2As_2 . Physical Review B, 2013, 87, .	1.1	11
52	High field Shubnikov-de Haas oscillations in the topological insulator Bi_2Te_3 . Physical Review B, 2013, 87, .	1.1	164
53	Defects and high bulk resistivities in the Bi-rich tetradymite topological insulator Bi_2Te_3 . Physical Review B, 2012, 86, .	1.1	68
54	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 Bi_2Se_3 . Physical Review Letters, 2011, 106, 196801.	2.9	396
56	Protein-Level Fluctuation Correlation at the Microcolony Level and Its Application to the <i>Vibrio harveyi</i> Quorum-Sensing Circuit. Biophysical Journal, 2011, 100, 3045-3053.	0.2	8
57	Low-carrier-concentration crystals of the topological insulator Bi_2Te_3 . Physical Review B, 2011, 84, .	1.1	141
58	Active regulation of receptor ratios controls integration of quorum-sensing signals in <i>Vibrio harveyi</i> . Molecular Systems Biology, 2011, 7, 491.	3.2	68
59	Ferromagnetic quantum critical point induced by dimer-breaking in $SrCo_2(Ge_{1-x}Px)_2$. Nature Physics, 2011, 7, 207-210.	6.5	71
60	Superconductivity and non-metallicity induced by doping the topological insulators Bi_2Se_3 and Bi_2Te_3 . 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 $La_{2-x}Cu_xO_7$. Physical Review Letters, 2011, 107, 277001.	2.9	24
62	Quantum Oscillations and Hall Anomaly of Surface States in the Topological Insulator Bi_2Te_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 Bi_2Te_3 . 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 T_c in cuprates. Physical Review B, 2010, 81, .	1.1	242
67	Superconductivity in $Cu_xBi_{2-x}Te_3$ and 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 Bi_2Te_3 . 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 $Fe_{1-x}Te_2$. 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	Bi_2Te_3 -type 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 Bi_2Se_3 . Physical Review Letters, 2009, 103, 246601.	2.9	337
77	Enhancement of the thermopower in in the large-x regime ($\text{Mg}_x\text{Fe}_{1-x}\text{S}_2$). 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 $\text{Mg}_6\text{Cu}_{16}\text{Si}_7$ -type $\text{M}_6\text{Ni}_{16}\text{Si}_7$, 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 $\text{Fe}_1\text{Ta}_4\text{S}_2$. 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 $(\text{Sr,Ba})_{1-x}(\text{K,Na})_x\text{Fe}_2\text{As}_2$ superconductors. 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 superconductor $\text{Cu}_0.07\text{TiSe}_2$. Physical Review B, 2007, 75, .	1.1	36
87	Onget Aal.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 in $\text{Fe}_{1-x}\text{Ta}_x\text{S}_2$. Physical Review B, 2007, 75, .	1.1	99
90	Structures and thermoelectric properties of the infinitely adaptive series $(\text{Bi}_2)_m(\text{Bi}_2\text{Te}_3)_n$. Physical Review B, 2007, 75, .	1.1	176

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91	Thermal Hall conductivity and long-lived quasiparticles in CeCoIn ₅ . 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 La _{2-x} Sr _x CuO ₄ . 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 of Na _x CoO ₂ (x=0.32, 0.51, 0.6, 0.75, and 0.92) in the three-layer NaCoO ₂ family. Physical Review B, 2006, 73, .	1.1	109
96	Ferromagnetism below 10 K in Mn-doped BiTe. Physical Review B, 2006, 74, .	1.1	28
97	Large enhancement of the thermopower in Na _x CoO ₂ at high Na doping. Nature Materials, 2006, 5, 537-540.	13.3	291
98	Superconductivity in Cu _x TiSe ₂ . Nature Physics, 2006, 2, 544-550.	6.5	812
99	Synthesis, structure and physical properties of Ru ferrites: BaMRu ₅ O ₁₁ (M=Li and Cu) and BaM ₂ Ru ₄ O ₁₁ (M=Fe and Co). Journal of Solid State Chemistry, 2006, 179, 563-572.	1.4	53
100	Nernst effect in high-T _c superconductors. Physical Review B, 2006, 73, .	1.1	562
101	Superconductivity in three-layer Na _{0.3} CoO ₂ ·1.3H ₂ O. Solid State Communications, 2005, 133, 407-410.	0.9	20
102	Synthesis and properties of the Co ₇ Se _{8-x} S _x and Ni ₇ Se _{8-x} S _x solid solutions. Journal of Solid State Chemistry, 2005, 178, 1508-1512.	1.4	14
103	Thermoelectric properties of epitaxial and topotaxial Na _x CoO ₂ thin films. Materials Research Society Symposia Proceedings, 2005, 886, 1.	0.1	2
104	Structural and transport properties of epitaxial Na _x CoO ₂ 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) ₂ PF ₆ . 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 Cuprate Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} 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+δ} . 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 the $\text{CuCr}_2\text{Se}_4-x\text{Br}_x$ Ferromagnet. 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 $\text{Na}_{0.5}\text{CoO}_2$. 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: KRu_4O_8 , RbRu_4O_8 and $\text{Cs}_{0.8}\text{Li}_{0.2}\text{Ru}_4\text{O}_8$. Materials Research Bulletin, 2004, 39, 1663-1670.	2.7	17
116	Charge Ordering, Commensurability, and Metallicity in the Phase Diagram of the Layered Na_xCoO_2 . Physical Review Letters, 2004, 92, 247001.	2.9	579
117	Formation of transition metal boride and carbide perovskites related to superconducting MgCNi_3 . 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 $\text{CuCr}_2\text{Se}_4-x\text{Br}_x$. 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 $\text{Na}_x\text{Co}_2\text{O}_4$. 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 "Comment on "Collapse of the vortex-lattice inductance and shear modulus at the melting transition in untwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ " Physical Review B, 2003, 67, .	1.1	0
125	Field tuning of the electron and hole populations in the ruthenate $\text{Bi}_3\text{Ru}_3\text{O}_{11}$. 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 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 untwinned YBa ₂ Cu ₃ O ₇ . Physical Review B, 2002, 65, .	1.1	6
129	Insulating Behavior of λ -DNA on the Micron Scale. Physical Review Letters, 2002, 89, 198102.	2.9	215
130	Onset of the vortexlike Nernst signal above T _c in La _{2-x} Sr _x CuO ₄ and Bi ₂ Sr _{2-y} La _y CuO ₆ . Physical Review B, 2001, 64, .	1.1	291
131	Superconductivity in the non-oxide perovskite MgCNi ₃ . 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
133	Giant Enhancement of the Thermal Hall Conductivity κ_{xy} in the Superconductor YBa ₂ Cu ₃ O ₇ . Physical Review Letters, 2001, 86, 890-893.	2.9	69
134	Vortex-like excitations and the onset of superconducting phase fluctuation in underdoped La _{2-x} Sr _x CuO ₄ . Nature, 2000, 406, 486-488.	13.7	633
135	Anisotropic effect of field on the orthorhombic-to-tetragonal transition in the striped cuprate (La,Nd) _{2-x} Sr _x CuO ₄ . Europhysics Letters, 2000, 50, 796-802.	0.7	8
136	Determining the Wiedemann-Franz Ratio from the Thermal Hall Conductivity: Application to Cu and YBa ₂ Cu ₃ O _{6.95} . Physical Review Letters, 2000, 84, 2219-2222.	2.9	106
137	The Josephson plasma resonance in Bi ₂ Sr ₂ CaCu ₂ O ₈ in a tilted field. Europhysics Letters, 1999, 46, 68-74.	0.7	2
138	Quasiparticle Thermal Hall Angle and Magnetoconductance in YBa ₂ Cu ₃ O _x . Physical Review Letters, 1999, 82, 5108-5111.	2.9	47
139	Hall effect of the colossal magnetoresistance manganite La _{1-x} Ca _x MnO ₃ . Physical Review B, 1998, 57, 10248-10251.	1.1	143
140	Comment on Charge Localization in (TMTSF) ₂ ClO ₄ . Physical Review Letters, 1997, 78, 983-983.	2.9	13
141	Comment on "Anomalous Hall Effect in YBa ₂ Cu ₃ O ₇ ", Physical Review Letters, 1997, 78, 977-977.	2.9	19
142	Ong and Anderson Reply:. Physical Review Letters, 1997, 79, 4718-4718.	2.9	3
143	Complex Resistivity Spectra and the Shear Modulus of the Vortex Solid in Untwinned YBa ₂ Cu ₃ O ₇ . Physical Review Letters, 1997, 78, 334-337.	2.9	11
144	Anomalous hysteresis in the Josephson plasma resonance of Bi ₂ Sr ₂ CaCuO ₈ + δ for fields close to alignment with the ab plane. Physical Review B, 1997, 56, R2948-R2951.	1.1	3

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145	Relating the ac complex resistivity of the pinned vortex lattice to its shear modulus. Physical Review B, 1997, 56, 458-465.	1.1	9
146	Third-order nonlinear microwave response of YBa ₂ Cu ₃ O _{7-δ} thin films and single crystals. Applied Physics Letters, 1997, 71, 3904-3906.	1.5	35
147	Plateaus Observed in the Field Profile of Thermal Conductivity in the Superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ . Science, 1997, 277, 83-85.	6.0	269
148	Spin-Polarized Intergrain Tunneling in La _{2/3} Sr _{1/3} MnO ₃ . Physical Review Letters, 1996, 77, 2041-2044.	2.9	1,725
149	Cuprates Fall into a Gap. Science, 1996, 273, 321-322.	6.0	27
150	Transport results from untwinned YBCO: Washboard frequency of the vortex lattice, and the quasiparticle mean free path. Journal of Low Temperature Physics, 1996, 105, 877-886.	0.6	10
151	Linewidth of c-axis plasma resonance in Josephson-coupled superconductors. Physical Review B, 1996, 54, 7521-7535.	1.1	26
152	Excitation of the Josephson Plasma Mode in Bi ₂ Sr ₂ CaCu ₂ O ₈ in an Oblique Field. Physical Review Letters, 1996, 76, 819-822.	2.9	106
153	Negative magnetoresistance in the c-axis resistivity of Bi ₂ Sr ₂ CaCu ₂ O ₈ and YBa ₂ Cu ₃ O _{6+x} . Physical Review B, 1995, 52, R751-R754.	1.1	132
154	Quasiparticle Mean Free Path in YBa ₂ Cu ₃ O ₇ Measured by the Thermal Hall Conductivity. Physical Review Letters, 1995, 75, 3529-3532.	2.9	186
155	Additive quasiparticle and vortex Hall conductivities in La _{2-x} Sr _x CuO ₄ and untwinned YBa ₂ Cu ₃ O _{6.93} . Physical Review B, 1995, 51, 12053-12056.	1.1	22
156	Washboard Frequency of the Moving Vortex Lattice in YBa ₂ Cu ₃ O _{6.93} Detected by ac-dc Interference. Physical Review Letters, 1995, 74, 3684-3687.	2.9	55
157	Violation of Kohler's Rule in the Normal-State Magnetoresistance of YBa ₂ Cu ₃ O _{7-δ} and La ₂ Sr _x CuO ₄ . Physical Review Letters, 1995, 75, 1391-1394.	2.9	205
158	Harris, Ong, and Yan Reply.. Physical Review Letters, 1995, 74, 2839-2839.	2.9	0
159	<i>In situ</i> single-liquid-source metal-organic chemical vapor deposition of (La _{0.8} Ca _{0.2})MnO ₃ giant magnetoresistive films. Journal of Materials Research, 1995, 10, 2166-2169.	1.2	30
160	Harris, Ong, and Yan reply. Physical Review Letters, 1994, 73, 610-610.	2.9	31
161	Vibrating-reed studies of flux penetration in YBa ₂ Cu ₃ O _{7-δ} . Physical Review B, 1994, 50, 13845-13848.	1.1	5
162	Hall Angle Evidence for the Superclean Regime in 60 KYBa ₂ Cu ₃ O _{6+y} . Physical Review Letters, 1994, 73, 1711-1714.	2.9	121

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163	Sharp Magnetoabsorption Resonances in the Vortex State of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. Physical Review Letters, 1994, 73, 724-727.	2.9	183
164	Vortex viscosity in $\text{YBa}_2\text{Cu}_3\text{O}_7$ at low temperatures. Physical Review B, 1994, 49, 4380-4383.	1.1	104
165	Hall-effect measurements of $\text{HgBa}_2\text{CaCu}_2\text{O}_6$. Physical Review B, 1994, 50, 3246-3249.	1.1	45
166	Scanning Hall microprobe measurements of magnetization profiles in $\text{YBa}_2\text{Cu}_3\text{O}_7$ single crystals. Journal of Applied Physics, 1993, 73, 3890-3902.	1.1	27
167	Hall effect of vortices parallel to CuO_2 layers and the origin of the negative Hall anomaly in $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physical Review Letters, 1993, 71, 1455-1458.	2.9	69
168	Flux-front motion parallel to CuO_2 planes in $\text{YBa}_2\text{Cu}_3\text{O}_7$ observed with a scanning Hall probe. Physical Review B, 1993, 48, 13188-13191.	1.1	6
169	Frequency dependence of the vortex-state resistivity in $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physical Review Letters, 1993, 71, 2642-2645.	2.9	36
170	Precision measurement of magnetic relaxation in $\text{YBa}_2\text{Cu}_3\text{O}_7$: Power-law versus logarithmic decay. Physical Review B, 1993, 47, 1156-1159.	1.1	30
171	Experimental test of the T^2 law for the Hall angle from T_c to 500 K in oxygen-reduced $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ crystals. Physical Review B, 1992, 46, 14293-14296.	1.1	106
172	Novel field-induced asymmetry in the remanent magnetization of the superconductor $\text{YBa}_2\text{Cu}_3\text{O}_7$. Nature, 1992, 358, 567-569.	13.7	14
173	Charge-Density Wave Compound Comment. Physics Today, 1991, 44, 137-139.	0.3	0
174	Low-temperature, low-frequency dielectric response of the pinned charge-density wave in $\text{K}_0.3\text{MoO}_3$. Physical Review B, 1991, 44, 7912-7916.	1.1	26
175	Effect of Zn impurities on the normal-state Hall angle in single-crystal $\text{YBa}_{2-x}\text{Cu}_{3-x}\text{Zn}_x\text{O}_{7-\delta}$. Physical Review Letters, 1991, 67, 2088-2091.	2.9	545
176	Transition from activated to diffusive behavior in the vortex-liquid state in $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physical Review Letters, 1991, 66, 3075-3078.	2.9	137
177	Gold contacts on superconducting crystals of $\text{YBa}_2\text{Cu}_3\text{O}_7$ with very low contact resistivity. Applied Physics Letters, 1989, 55, 1912-1914.	1.5	40
178	Superconductivity in the non-oxide perovskite MgCNi_3 . , 0, .		1
179	Anomalous Hall effect and magnetoresistance in the layered ferromagnet $\text{Fe}_1-x\text{Ta}_x\text{S}_2$: The inelastic regime. , 0, .		1