

# Thomas Timusk

## List of Publications by Year in descending order

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175  
papers

9,501  
citations

31949

53  
h-index

39638

94  
g-index

175  
all docs

175  
docs citations

175  
times ranked

3324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodynamics of high-Tc superconductors. <i>Reviews of Modern Physics</i> , 2005, 77, 721-779.	16.4	673
2	Optical conductivity of c-axis oriented YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.70</sub> : Evidence for a pseudogap. <i>Physical Review Letters</i> , 1993, 71, 1645-1648.	2.9	505
3	Frequency- and temperature-dependent conductivity in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> crystals. <i>Physical Review B</i> , 1990, 42, 6342-6362.	1.1	387
4	In-Plane Anisotropy of the Penetration Depth in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> and YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> Superconductors. <i>Physical Review Letters</i> , 1995, 74, 598-601.	2.9	377
5	Technique for measuring the reflectance of irregular, submillimeter-sized samples. <i>Applied Optics</i> , 1993, 32, 2976.	2.1	321
6	The pseudogap state in high- $T_c$ superconductors: an infrared study. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 10049-10082.	0.7	296
7	c-axis response of YBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> : A pseudogap and possibility of Josephson coupling of CuO <sub>2</sub> planes. <i>Physical Review B</i> , 1994, 50, 3511-3514.	1.1	244
8	A universal scaling relation in high-temperature superconductors. <i>Nature</i> , 2004, 430, 539-541.	13.7	235
9	High-transition-temperature superconductivity in the absence of the magnetic-resonance mode. <i>Nature</i> , 2004, 427, 714-717.	13.7	195
10	Far-Infrared Properties of URu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review Letters</i> , 1988, 61, 1305-1308.	2.9	190
11	Measurement of the ab-Plane Anisotropy of Microwave Surface Impedance of Untwinned YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.95</sub> Single Crystals. <i>Physical Review Letters</i> , 1994, 73, 2484-2487.	2.9	177
12	Far-Infrared Conductivity of the High- $T_c$ Superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , 1987, 58, 2249-2250.	2.9	175
13	Optical properties along the c-axis of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+x</sub> , for $x = 0.50 \hat{+} 0.95$ evolution of the pseudogap. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 254, 265-280.	0.6	171
14	Pseudogap and Charge Dynamics in CuO <sub>2</sub> Planes in YBCO. <i>Physical Review Letters</i> , 1996, 77, 4090-4093.	2.9	167
15	Excitonic absorption and superconductivity in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . <i>Physical Review Letters</i> , 1987, 59, 919-922.	2.9	157
16	Evolution of the Pseudogap State of High- $T_c$ Superconductors with Doping. <i>Physical Review Letters</i> , 1996, 77, 3212-3215.	2.9	140
17	Disorder and superconducting-state conductivity of single crystals of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.95</sub> . <i>Physical Review B</i> , 1994, 49, 12165-12169.	1.1	122
18	Infrared studies of ab-plane oriented oxide superconductors. <i>Physical Review B</i> , 1988, 38, 6683-6688.	1.1	113

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19	Infrared Probe of Transition from Superconductor to Nonmetal in $\text{YBa}_2(\text{Cu}_{1-x}\text{Zn}_x)\text{O}_8$ . <i>Physical Review Letters</i> , 1998, 81, 2132-2135.	2.9	110
20	far-infrared optical properties of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . <i>Physical Review B</i> , 1988, 38, 11981-11984.	1.1	107
21	Bosons in high-temperature superconductors: an experimental survey. <i>Reports on Progress in Physics</i> , 2011, 74, 066501.	8.1	101
22	Doping dependent optical properties of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 125208.	0.7	100
23	Optical conductivity of the stable icosahedral quasicrystal $\text{Al}_63.5\text{Cu}_{24.5}\text{Fe}_{12}$ . <i>Physical Review Letters</i> , 1991, 67, 2694-2696.	2.9	99
24	Far-infrared measurements of the phonon density of states of superconducting lead. <i>Physical Review B</i> , 1974, 10, 2799-2802.	1.1	96
25	Layered Ruthenium Oxides: From Band Metal to Mott Insulator. <i>Physical Review Letters</i> , 1998, 81, 2747-2750.	2.9	93
26	Surface impedance studies of YBCO. <i>European Physical Journal D</i> , 1996, 46, 3195-3202.	0.4	91
27	Optical properties of $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ : Evidence for strong electron-phonon and electron-electron interactions. <i>Physical Review B</i> , 1987, 36, 733-735.	1.1	90
28	Optical Absorption of Cu Centers in Alkali Halides. <i>Physica Status Solidi (B): Basic Research</i> , 1965, 10, 709-723.	0.7	89
29	Far-infrared properties of ab-plane oriented $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physical Review B</i> , 1988, 37, 1574-1579.	1.1	88
30	Properties of optical features in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physical Review B</i> , 1989, 40, 11358-11361.	1.1	86
31	Optical Conductivity of Insulating Al-Based Alloys: Comparison of Quasiperiodic and Periodic Systems. <i>Physical Review Letters</i> , 1994, 73, 1865-1868.	2.9	86
32	Phonon density of states of superconducting lead. <i>Physical Review B</i> , 1976, 14, 5119-5120.	1.1	85
33	Strong electron-phonon interaction in the high- $T_c$ superconductors: Evidence from the infrared. <i>Physical Review Letters</i> , 1991, 66, 663-666.	2.9	85
34	Sidebands of the Infrared Center in KBr. <i>Physical Review</i> , 1966, 141, 664-675.	2.7	82
35	Lattice Dynamics of Potassium Chloride. <i>Physical Review</i> , 1969, 182, 965-972.	2.7	82
36	Optical Conductivity of High $T_c$ Superconductors: From Underdoped to Overdoped. <i>Physical Review Letters</i> , 1996, 77, 1853-1856.	2.9	82

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37	Far-infrared measurement of the gap of the high-Tc superconductor $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ . Physical Review B, 1987, 35, 8843-8845.	1.1	78
38	Evolution of the bosonic spectral density of the high-temperature superconductor $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . Physical Review B, 2007, 75, .	1.1	76
39	Recombination Luminescence in Alkali Halides. Physical Review, 1962, 128, 1656-1663.	2.7	72
40	c-axis response of single- and double-layered cuprates. Physical Review B, 1995, 52, R13141-R13144.	1.1	72
41	a-axis optical conductivity of detwinned ortho-II $\text{YBa}_2\text{Cu}_3\text{O}_{6.5}$ . Physical Review B, 2006, 73, .	1.1	69
42	Optical Spectroscopy of Superconducting $\text{Ba}_{0.55}\text{K}_{0.45}\text{Fe}_2$ . Evidence for Strong Coupling to Low-Energy Bosons. Physical Review Letters, 2009, 102, 187003.	6.9	68
43	Spectroscopic evidence of a new energy scale for superconductivity in $\text{HfS}$ . Nature Physics, 2017, 13, 859-863.	6.5	67
44	Evidence for a-b-plane coupling to longitudinal c-axis phonons in high-Tc superconductors. Physical Review Letters, 1992, 69, 2705-2708.	2.9	63
45	The midinfrared absorption in $\text{RTiO}_3$ perovskites (R = La, Ce, Pr, Nd, Sm, Gd). Physica C: Superconductivity and Its Applications, 1992, 201, 407-412.	0.6	61
46	Optical phonons polarized along the c axis of $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ , for $x=0.5$ . Canadian Journal of Physics, 1995, 73, 663-675.	0.4	61
47	Optical signatures of Dirac nodal lines in $\text{NbAs}_2$ . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1168-1173.	3.3	60
48	Anisotropic optical conductivity of decagonal quasicrystals. Physical Review Letters, 1994, 72, 1937-1940.	2.9	57
49	Theory of Sidebands of the U-Center Vibrations in Alkali Halides: An Extended Model. Physical Review, 1967, 157, 744-750.	2.7	56
50	Optical conductivity in high-Tc superconductors. Physical Review B, 1991, 43, 473-479.	1.1	55
51	Evidence for d-wave superconductivity in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ from far-infrared conductivity. Physical Review B, 1995, 51, 11798-11805.	1.1	55
52	Imaginary part of the optical conductivity of $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ . Physical Review B, 1996, 53, 9433-9441.	1.1	55
53	Temperature evolution of the pseudogap state in the infrared response of underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physical Review B, 1999, 59, 7184-7190.	1.1	54
54	Evidence for a Pseudogap in Underdoped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ and $\text{YBa}_2\text{Cu}_3\text{O}_{6.5}$ from In-Plane Optical Conductivity Measurements. Physical Review Letters, 2008, 100, 177005.	2.9	52

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55	Spectrum of the cosmic background radiation at millimeter wavelengths. Physical Review Letters, 1985, 55, 332-335.	2.9	49
56	Evidence for strong bound-electron-phonon interaction at 52 meV in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . Physica C: Superconductivity and Its Applications, 1990, 169, 425-428.	0.6	48
57	Optical spectroscopy shows that the normal state of URu <sub>2</sub> Si <sub>2</sub> is an anomalous Fermi liquid. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19161-19165.	3.3	45
58	Mott insulator to correlated metal: Optical study of La <sup>1-x</sup> TiO <sub>3</sub> . Physical Review B, 1994, 49, 16207-16213.	1.1	44
59	Infrared conductivity of Na <sub>x</sub> CoO <sub>2</sub> : Evidence of gapped states. Physical Review B, 2005, 72, .	1.1	44
60	Imaginary part of the infrared conductivity of a d <sub>x<sup>2</sup>-y<sup>2</sup></sub> superconductor. Physical Review B, 1996, 54, 1264-1272.	1.1	43
61	Far-infrared spectrum of di-tetramethyltetraselenafulvalene hexafluoroarsenate [(TMTSF) <sub>2</sub> AsF <sub>6</sub> ]. Physical Review B, 1985, 32, 8041-8045.	1.1	42
62	Doping dependence of the optical properties of Ba <sub>1-x</sub> K <sub>x</sub> BiO <sub>3</sub> . Physical Review B, 1996, 54, 6686-6692.	1.1	42
63	Determination of optical properties of fibrous thermal insulation. Journal of Applied Physics, 1984, 55, 4064-4071.	1.1	41
64	Optical study of Ba <sub>0.6</sub> K <sub>0.4</sub> BiO <sub>3</sub> single crystals: Normal and superconducting properties. Physical Review B, 1994, 50, 4144-4153.	1.1	41
65	Phonon Structure of the NO <sub>2</sub> <sup>-</sup> Absorption at 400 nm in the Alkali Halides. Physical Review Letters, 1964, 13, 373-375.	2.9	40
66	Effect of Ni impurities on the optical properties of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+y</sub> . Physical Review B, 1999, 60, 9782-9792.	1.1	40
67	High Energy Scales in the Optical Self-Energy of the Cuprate Superconductors. Physical Review Letters, 2007, 98, 207002.	2.9	39
68	Optical signature of subgap absorption in the superconducting state of $Ba_{1-x}K_xBiO_3$ . Physical Review B, 2010, 82, .	1.1	38
69	Exchange Boson Dynamics in Cuprates: Optical Conductivity of HgBa <sub>2</sub> CuO <sub>4</sub> + $\delta$ . Physical Review Letters, 2009, 102, 027003.	2.9	37
70	Far-infrared absorption study of exciton ionization in germanium. Physical Review B, 1976, 13, 3511-3514.	1.1	35
71	Far-infrared optical properties of tetrathiofulvalene-tetracyanoquinodimethane (TTF-TCNQ). Physical Review B, 1990, 42, 4088-4099.	1.1	35
72	Bosonic Spectral Density of Epitaxial Thin-Film $La_{1-x}Sr_xCuO_2$ from Infrared Conductivity Measurements. Physical Review Letters, 2008, 100, 137005.	2.9	35

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73	Far-Infrared Absorption Spectrum of Be-Related Bound Excitons in Silicon. <i>Physical Review Letters</i> , 1984, 52, 81-84.	2.9	34
74	Reflectance and resistivity of barely metallic $\text{LaTiO}_3$ . <i>Physical Review B</i> , 1991, 44, 13250-13254.	1.1	34
75	ab-plane optical properties of $\text{Tl}_2\text{Ba}_2\text{CuO}_6 + \delta$ . <i>Physical Review B</i> , 1995, 51, 3312-3315.	1.1	34
76	The mysterious pseudogap in high temperature superconductors: an infrared view. <i>Solid State Communications</i> , 2003, 127, 337-348.	0.9	33
77	One-Phonon Sideband of $\text{Sm}^{++}$ in KBr. <i>Physical Review</i> , 1967, 164, 345-349.	2.7	32
78	Far-infrared study of bis(tetramethyltetraselenafulvalene) hexafluoroantimonate $[(\text{TMTSF})_2\text{SbF}_6]$ : Coexistence of metallic and semiconducting states. <i>Physical Review B</i> , 1984, 30, 5842-5846.	1.1	31
79	Anomalous temperature- and doping-induced changes in the c-axis apical-oxygen phonon mode of $\text{Pb}_2\text{Sr}_2\text{RCu}_3\text{O}_8$ . <i>Physical Review B</i> , 1994, 49, 15984-15992.	1.1	31
80	Gap in the infrared response of $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_8 + \delta$ . <i>Physical Review B</i> , 2000, 62, 8711-8714.	1.1	31
81	Superconducting optical conductivity for arbitrary temperature and mean free path. <i>Physical Review B</i> , 1991, 43, 12804-12808.	1.1	28
82	Impurity-Induced Far-Infrared Absorption in KBr and KCl. <i>Physical Review B</i> , 1972, 5, 2351-2359.	1.1	27
83	The energy gap of the high $T_c$ superconductor $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ . <i>Solid State Communications</i> , 1987, 62, 383-385.	0.9	26
84	Marginal Fermi liquid analysis of 300 K reflectance of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8 + \delta$ . <i>Physical Review B</i> , 2004, 69, .	1.1	26
85	KamarÅset al. reply. <i>Physical Review Letters</i> , 1988, 60, 969-969.	2.9	25
86	Unconventional Electrodynamic Response of the Quasi-One-Dimensional Organic Conductor $(\text{TMTSF})_2\text{ClO}_4$ . <i>Journal De Physique</i> , I, 1996, 6, 1719-1726.	1.2	24
87	U-Center-Induced Raman Scattering in KBr and KI. <i>Physical Review B</i> , 1972, 5, 3343-3354.	1.1	23
88	Far-infrared absorption by excitons in silicon. <i>Solid State Communications</i> , 1978, 25, 217-219.	0.9	23
89	Optical conductivity of nonmetallic $\text{Ba}_{0.69}\text{K}_{0.31}\text{BiO}_3$ single crystals: Evidence for bipolaron formation. <i>Physical Review B</i> , 1995, 52, R9855-R9858.	1.1	23
90	The ab-plane optical conductivity of overdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ for $x=0.184$ and $0.22$ : evidence of a pseudogap. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 321, 135-142.	0.6	23

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91	Optical evidence for mass enhancement of quasiparticles in pyrochlore $\text{Cd}_2\text{Re}_2\text{O}_7$ . <i>Physical Review B</i> , 2002, 66, .	1.1	23
92	Phonon Sidebands in the Emission Spectrum of $\text{O}_2$ in Alkali-Halide Crystals. <i>Physical Review B</i> , 1973, 7, 3913-3925.	1.1	22
93	Evaluation of $\text{LaSrGaO}_4$ as a substrate for $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physica C: Superconductivity and Its Applications</i> , 1994, 225, 7-12.	0.6	22
94	Interpretation of the oblique Abrikosov flux lattice in $\text{YBa}_2\text{Cu}_3\text{O}_7$ . <i>Physical Review B</i> , 1995, 52, 97-99.	1.1	22
95	The role of magnetism in forming the c-axis spectral peak at $400\text{cm}^{-1}$ in high temperature superconductors. <i>Solid State Communications</i> , 2003, 126, 63-69.	0.9	21
96	Optical investigation of the metal-insulator transition in the Ca-free $\text{Pb}_2\text{Sr}_2\text{LCu}_3\text{O}_8$ (L=Y, Dy, Eu, Sm, Nd,) <i>Tj ETQq 0 0 0 rgBT /Overlock 10</i>	1.1	20
97	Temperature dependence of the mid-infrared absorption in $\text{La}_{1.84}\text{Sr}_{0.16}\text{NiO}_4$ . <i>Physica C: Superconductivity and Its Applications</i> , 1993, 216, 94-98.	0.6	20
98	Superconducting and Nonsuperconducting Ca-Free Single Crystals of $\text{Pb}_2\text{Sr}_2\text{RCu}_3\text{O}_8$ (R = La, Ce, Pr, Nd,) <i>Tj ETQq 0 0 0 rgBT /Overlock 10</i> <i>Solid State Chemistry</i> , 1993, 102, 492-500.	1.4	19
99	Optical conductivity of the icosahedral quasicrystal $\text{Al}_{75.5}\text{Mn}_{20.5}\text{Si}_4$ and its 1/1 crystalline approximant $\alpha\text{-Al}_{72.5}\text{Mn}_{17.4}\text{Si}_{10.1}$ . <i>Journal of Physics Condensed Matter</i> , 1993, 5, 5975-5990.	0.7	19
100	Infrared properties of $\text{La}_{2-x}(\text{Ca,Sr})_x\text{CaCu}_2\text{O}_6$ single crystals. <i>Physical Review B</i> , 2003, 67, .	1.1	19
101	The far infrared absorption spectra of bound excitons in silicon. <i>Solid State Communications</i> , 1985, 53, 1049-1054.	0.9	18
102	In situ growth of $\text{PbSrYCaCuO}$ films by laser ablation. <i>Applied Physics Letters</i> , 1991, 58, 762-764.	1.5	18
103	Characteristics of oxygen isotope substitutions in the quasiparticle spectrum of $\text{Bi}_{2-x}\text{Sr}_{2-x}\text{CaCu}_2\text{O}_{8-x}$ . <i>Europhysics Letters</i> , 2009, 86, 67003.	0.7	18
104	Far-infrared absorption of neutron-transmutation-doped germanium. <i>Physical Review B</i> , 1990, 41, 5152-5168.	1.1	17
105	Normal-state optical properties of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ . <i>Physical Review B</i> , 1993, 47, 985-990.	1.1	17
106	Infrared absorption due to $\text{H}^+$ ions in sodium and potassium halides. II. Impurity induced absorption in the far-infrared region. <i>Canadian Journal of Physics</i> , 1970, 48, 2917-2929.	0.4	16
107	Far-infrared transmission of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ films. <i>Physical Review B</i> , 1989, 40, 5162-5164.	1.1	16
108	Temperature dependence of the anisotropic magnetic penetration depth and lower critical field of single-crystal $\text{Pb}_2\text{Sr}_2(\text{Y,Ca})\text{Cu}_3\text{O}_8$ . <i>Physical Review B</i> , 1991, 44, 4539-4547.	1.1	16

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109	Temperature-dependent optical spectroscopy studies of Nd <sup>1+</sup> TiO <sub>3</sub> . Physical Review B, 2006, 73, .	1.1	16
110	Fermi surface arcs and the infrared conductivity of underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.50</sub> . Europhysics Letters, 2008, 82, 27002. Observation of multiple gap structures in hidden order state of UBe <sub>13</sub>	0.7	16
111	Observation of multiple gap structures in hidden order state of UBe <sub>13</sub> from optical conductivity. Physical Review B, 2012, 86, .	1.1	16
112	Oxygen Isotope Effect in the ab-Plane Reflectance of Underdoped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . Physical Review Letters, 2002, 89, 087003.	2.9	15
113	Detecting Superconductivity in the High Pressure Hydrides and Metallic Hydrogen from Optical Properties. Physical Review Letters, 2018, 121, 047002.	2.9	15
114	Optical absorption and luminescence of the $\hat{I}_{\pm}$ center in KBr. Journal of Physics and Chemistry of Solids, 1965, 26, 849-860.	1.9	14
115	Optical properties of pyrochlore oxides R <sub>2</sub> Mo <sub>2</sub> O <sub>7-<math>\delta</math></sub> (R: Sm, Gd, and Ho). Journal of Physics Condensed Matter, 1995, 7, 2489-2506.	0.7	14
116	Infrared absorption due to H $\hat{a}^{\sim}$ ions in sodium and potassium halides. I. Anharmonic side bands of the local mode. Canadian Journal of Physics, 1970, 48, 2176-2187.	0.4	13
117	Far-infrared absorption spectra of the ground-state $\hat{a}^{\sim}$ to $\hat{a}^{\sim}$ excited-state transitions of excitons bound to the double acceptors Be and Zn in Ge. Physical Review B, 1985, 32, 5514-5516.	1.1	13
118	Optical properties of the heavy fermion superconductor UBe <sub>13</sub> . Journal of the Less Common Metals, 1987, 127, 293-297.	0.9	13
119	Infrared-active phonons in RTiO <sub>3</sub> perovskites (R=La,Ce,Pr,Nd,Sm,Gd). Physical Review B, 1994, 49, 4299-4302.	1.1	13
120	Gap states in HTSC by infrared spectroscopy. Journal of Superconductivity and Novel Magnetism, 1995, 8, 437-440.	0.5	13
121	The ab-plane optical conductivity of high-T <sub>c</sub> superconductors. Journal of Superconductivity and Novel Magnetism, 1995, 8, 563-566.	0.5	13
122	Far-infrared absorption of electron-hole drops in pure and doped germanium. Physica Status Solidi (B): Basic Research, 1975, 69, 87-91.	0.7	12
123	The far-infrared absorption spectrum of electron-hole drops in silicon. Solid State Communications, 1978, 25, 1045-1048.	0.9	12
124	Superconducting state optical conductivity in marginal Fermi liquid model. Solid State Communications, 1990, 76, 937-939.	0.9	11
125	Scanning-tunnelling spectra of cuprates. Nature, 2007, 446, E3-E4.	13.7	11
126	Room temperature luminescence in pure alkali halides $\hat{a}^{\sim}$ . Journal of Physics and Chemistry of Solids, 1961, 18, 265-267.	1.9	10



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127	Growth of $(\text{Pb}_{0.75}\text{Cu}_{0.25})\text{Sr}_2(\text{Y}_{1-x}\text{Ca}_x)\text{Cu}_2\text{O}_7$ thin films by laser ablation. Applied Physics Letters, 1991, 59, 2597-2599.	1.5	10
128	Optical investigations of the heavy-fermion superconductor $\text{UNi}_2\text{Al}_3$ . Physical Review B, 1996, 53, 2601-2605.	1.1	10
129	Far-infrared absorption of alkali halide crystals containing $\text{H}^{\sim}$ ions. Canadian Journal of Physics, 1968, 46, 2263-2270.	0.4	9
130	Direct determination of the equilibrium constant of the exciton-carrier gas in germanium. Solid State Communications, 1985, 53, 327-330.	0.9	9
131	Magnetization measurements of single-crystal $\text{Pb}_2\text{Sr}_2(\text{Y,Ca})\text{Cu}_3\text{O}_8$ : Determination of the coherence length and upper critical field. Physical Review B, 1992, 45, 10057-10061.	1.1	9
132	Far-infrared investigation of the pseudogap in underdoped $\text{Pb}_2\text{Sr}_2(\text{Y/Ca})\text{Cu}_3\text{O}_8$ . Physical Review B, 1997, 56, 9129-9133.	1.1	9
133	Crystal growth and superconductivity of $(\text{La}_{1-x}\text{Ca}_x)_2\text{CaCu}_2\text{O}_{6+\delta}$ . Journal of Physics and Chemistry of Solids, 2006, 67, 431-434.	1.9	9
134	Manifestation of the pseudogap in ab-plane optical characteristics. Journal of Physics Condensed Matter, 2008, 20, 295215.	0.7	9
135	Electrodynamics of the antiferromagnetic phase in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{URu} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:math} \rangle$ Physical Review B, 2015, 92, .		
136	Anisotropy of the diffuse background at millimeter wavelengths. Astrophysical Journal, 1989, 337, L1.	1.6	9
137	Observation of Singular Points in Defect-Induced Far-Infrared Spectra of KBr. Physical Review Letters, 1969, 22, 396-398.	2.9	8
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