

Thomas Timusk

List of Publications by Year in descending order

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times ranked

3324
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Mid-IR to Deep-UV van der Waals Photodetectors Capable of Local Spectroscopy at Room Temperature. Nano Letters, 2022, 22, 3425-3432.	4.5	6
2	Infrared imaging of samples in ultrahigh pressure diamond anvil cells. Journal of Applied Physics, 2021, 130, 173101.	1.1	1
3	Optical properties of superconducting pressurized LaH_{10} . Physical Review B, 2020, 102, .		
4	Spectroscopic signatures of phonons in high pressure superconducting hydrides. Physical Review B, 2019, 100, .	1.1	6
5	Optical signatures of Dirac nodal lines in NbAs $\times 2$. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1168-1173.	3.3	60
6	Detecting Superconductivity in the High Pressure Hydrides and Metallic Hydrogen from Optical Properties. Physical Review Letters, 2018, 121, 047002.	2.9	15
7	Spectroscopic evidence of a new energy scale for superconductivity in H3S. Nature Physics, 2017, 13, 859-863.	6.5	67
8	Electrodynamics of the antiferromagnetic phase in $\text{URu}_{12}\text{Si}_{10}$. Physical Review B, 2015, 92, .		
9	Electron-boson spectral density of LiFeAs obtained from optical data. Journal of Physics Condensed Matter, 2015, 27, 055701.	0.7	4
10	Optical study of hybridization and hidden order in URu_2Si_2 . Philosophical Magazine, 2014, 94, 3760-3774.	0.7	6
11	Optical spectroscopy shows that the normal state of URu_2Si_2 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
12	Observation of multiple-gap structure in hidden order state of URu_2Si_2 from optical conductivity. Physical Review B, 2012, 86, .	1.1	16
13	Bosons in high-temperature superconductors: an experimental survey. Reports on Progress in Physics, 2011, 74, 066501.	8.1	101
14	Optical signature of subgap absorption in the superconducting state of $\text{BaK}_2\text{FeAs}_2$. Physical Review B, 2010, 82, .	1.1	38
15	Optical Spectroscopy of Superconducting $\text{Ba}_{0.55}\text{K}_{0.45}\text{Fe}_2\text{As}_2$. Evidence for Strong Coupling to Low-Energy Bosons. Physical Review Letters, 2009, 102, 167003.		68
16	Exchange Boson Dynamics in Cuprates: Optical Conductivity of $\text{HgBa}_2\text{CuO}_4 + \hat{\Gamma}$. Physical Review Letters, 2009, 102, 027003.	2.9	37
17	Flashes of light below the dripping faucet: an optical signal from capillary oscillations of water drops. Applied Optics, 2009, 48, 1212.	2.1	2
18	Characteristics of oxygen isotope substitutions in the quasiparticle spectrum of $\text{Bi}_2\text{CaCu}_8\text{O}_{24+\hat{\Gamma}}$. Europhysics Letters, 2009, 86, 67003.	0.7	18

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19	Left-handed behavior of split-ring resonators: Optical measurements and numerical analysis. Physical Review B, 2008, 77, .	1.1	7
20	Manifestation of the pseudogap inab-plane optical characteristics. Journal of Physics Condensed Matter, 2008, 20, 295215.	0.7	9
21	Fermi surface arcs and the infrared conductivity of underdoped YBa ₂ Cu ₃ O _{6.50} . Europhysics Letters, 2008, 82, 27002.	0.7	16
22	Evidence for a Pseudogap in UnderdopedBi ₂ Sr ₂ CaCu ₂ O _{8+δ} andYBa ₂ Cu ₃ O _{6.50} from In-Plane Optical Conductivity Measurements. Physical Review Letters, 2008, 100, 177005.	2.9	52
23	Bosonic Spectral Density of Epitaxial Thin-Film $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{La} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1.83 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Sr} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0.50 \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{from Infrared Conductivity Measurements. Physical Review Letters. 2008. 100. 137005.$	2.9	35
24	Evolution of the bosonic spectral density of the high-temperature superconductorBi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Physical Review B, 2007, 75, .	1.1	76
25	High Energy Scales in the Optical Self-Energy of the Cuprate Superconductors. Physical Review Letters, 2007, 98, 207002.	2.9	39
26	Doping dependent optical properties of Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Journal of Physics Condensed Matter, 2007, 19, 125208.	0.7	100
27	Scanning-tunnelling spectra of cuprates. Nature, 2007, 446, E3-E4.	13.7	11
28	Crystal growth and superconductivity of (La _{1-x} Cax) ₂ CaCu ₂ O _{6+δ} . Journal of Physics and Chemistry of Solids, 2006, 67, 431-434.	1.9	9
29	Temperature-dependent optical spectroscopy studies ofNd _{1-x} TiO ₃ . Physical Review B, 2006, 73, .	1.1	16
30	a-axis optical conductivity of detwinned ortho-IIYBa ₂ Cu ₃ O _{6.50} . Physical Review B, 2006, 73, .	1.1	69
31	Infrared conductivity ofNaxCoO ₂ : Evidence of gapped states. Physical Review B, 2005, 72, .	1.1	44
32	Electrodynamics of high-T _c superconductors. Reviews of Modern Physics, 2005, 77, 721-779.	16.4	673
33	Optical Properties of Two Different Metallic NaxCoO ₂ :x=0.35 and 0.75. Journal of Magnetism, 2005, 10, 128-132.	0.2	0
34	Marginal Fermi liquid analysis of 300 K reflectance ofBi ₂ Sr ₂ CaCu ₂ O _{8+δ} . Physical Review B, 2004, 69, .	1.1	26
35	High-transition-temperature superconductivity in the absence of the magnetic-resonance mode. Nature, 2004, 427, 714-717.	13.7	195
36	A universal scaling relation in high-temperature superconductors. Nature, 2004, 430, 539-541.	13.7	235

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37	The role of magnetism in forming the c-axis spectral peak at 400cm^{-1} in high temperature superconductors. Solid State Communications, 2003, 126, 63-69.	0.9	21
38	The mysterious pseudogap in high temperature superconductors: an infrared view. Solid State Communications, 2003, 127, 337-348.	0.9	33
39	Infrared properties of $\text{La}_{2-x}(\text{Ca,Sr})_x\text{CaCu}_2\text{O}_{6+\delta}$ single crystals. Physical Review B, 2003, 67, .	1.1	19
40	Optical evidence for mass enhancement of quasiparticles in pyrochlore $\text{Cd}_2\text{Re}_2\text{O}_7$. Physical Review B, 2002, 66, .	1.1	23
41	Oxygen Isotope Effect in the ab-Plane Reflectance of Underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. Physical Review Letters, 2002, 89, 087003.	2.9	15
42	Chapter 202 Infrared properties of high- T_c superconductors: An experimental overview. Fundamental Theories of Physics, 2001, , 437-507.	0.1	1
43	Gap in the infrared response of $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$. Physical Review B, 2000, 62, 8711-8714.	1.1	31
44	Effect of Ni impurities on the optical properties of $\text{YBa}_2\text{Cu}_3\text{O}_{6+y}$. Physical Review B, 1999, 60, 9782-9792.	1.1	40
45	Far-infrared vibrational mode in $\text{Cu}_{1-x}\text{M}_x\text{Ge}_{1-y}\text{Si}_y\text{O}_3$, ($M=\text{Zn,Cd,Ni}$). Physical Review B, 1999, 59, 1157-1161.	1.1	6
46	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
47	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. Physica C: Superconductivity and Its Applications, 1999, 321, 135-142.	0.6	23
48	Optical spectroscopy in the pseudogap state: one-component or two-component response?. Journal of Physics and Chemistry of Solids, 1998, 59, 1953-1957.	1.9	6
49	$(\text{Sr}_{1-x}\text{Ca}_x)_3\text{Ru}_2\text{O}_7$ system: optical and ARPES results. Journal of Physics and Chemistry of Solids, 1998, 59, 1907-1911.	1.9	6
50	Infrared Probe of Transition from Superconductor to Nonmetal in $\text{YBa}_2(\text{Cu}_{1-x}\text{Zn}_x)_4\text{O}_8$. Physical Review Letters, 1998, 81, 2132-2135.	2.9	110
51	Layered Ruthenium Oxides: From Band Metal to Mott Insulator. Physical Review Letters, 1998, 81, 2747-2750.	2.9	93
52	Puchkov and Timusk Reply.. Physical Review Letters, 1997, 79, 4936-4936.	2.9	1
53	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
54	Correlations between critical current density and penetration depth in ion irradiated $\text{YBa}/\text{sub } 2/\text{Cu}/\text{sub } 3/\text{O}/\text{sub } 7/$ thin films. IEEE Transactions on Applied Superconductivity, 1997, 7, 2005-2008.	1.1	3

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55	Temperature dependence of the FIR reflectance of LaSrGaO ₄ . Physica C: Superconductivity and Its Applications, 1997, 292, 233-238.	0.6	0
56	The pseudogap state in high- superconductors: an infrared study. Journal of Physics Condensed Matter, 1996, 8, 10049-10082.	0.7	296
57	Evolution of the Pseudogap State of High-T _c Superconductors with Doping. Physical Review Letters, 1996, 77, 3212-3215.	2.9	140
58	Pseudogap and Charge Dynamics inCuO ₂ Planes in YBCO. Physical Review Letters, 1996, 77, 4090-4093.	2.9	167
59	Surface impedance studies of YBCO. European Physical Journal D, 1996, 46, 3195-3202.	0.4	91
60	Imaginary part of the infrared conductivity of $ax_2\hat{y}_2$ superconductor. Physical Review B, 1996, 54, 1264-1272.	1.1	43
61	Imaginary part of the optical conductivity of $Ba1\hat{x}KxBiO_3$. Physical Review B, 1996, 53, 9433-9441.	1.1	55
62	Optical investigations of the heavy-fermion superconductor UNi_2Al_3 . Physical Review B, 1996, 53, 2601-2605.	1.1	10
63	Doping dependence of the optical properties of $Ba1\hat{x}KxBiO_3$. Physical Review B, 1996, 54, 6686-6692.	1.1	42
64	Optical Conductivity of HighT _c Superconductors: From Underdoped to Overdoped. Physical Review Letters, 1996, 77, 1853-1856.	2.9	82
65	The far-infrared conductivity of oxide superconductors. Ferroelectrics, 1996, 177, 83-94.	0.3	4
66	Unconventional Electrodynamic Response of the Quasi-One-Dimensional Organic Conductor (TMTSF) ₂ ClO ₄ . Journal De Physique, I, 1996, 6, 1719-1726.	1.2	24
67	Gap states in HTSC by infrared spectroscopy. Journal of Superconductivity and Novel Magnetism, 1995, 8, 437-440.	0.5	13
68	Theab-plane optical conductivity of high-T _c superconductors. Journal of Superconductivity and Novel Magnetism, 1995, 8, 563-566.	0.5	13
69	Optical properties along the c-axis of YBa ₂ Cu ₃ O _{6+x} , for $x = 0.50 \hat{p} 0.95$ evolution of the pseudogap. Physica C: Superconductivity and Its Applications, 1995, 254, 265-280.	0.6	171
70	The strange interplane conductivity of HTSC. Journal of Physics and Chemistry of Solids, 1995, 56, 1821-1823.	1.9	4
71	Evidence ford-wave superconductivity inYBa ₂ Cu ₃ O ₇ from far-infrared conductivity. Physical Review B, 1995, 51, 11798-11805.	1.1	55
72	c-axis response of single- and double-layered cuprates. Physical Review B, 1995, 52, R13141-R13144.	1.1	72

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73	In-Plane Anisotropy of the Penetration Depth in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ and $\text{YBa}_2\text{Cu}_4\text{O}_8$ Superconductors. <i>Physical Review Letters</i> , 1995, 74, 598-601.	2.9	377
74	ab-plane optical properties of $\text{Tl}_2\text{Ba}_2\text{CuO}_6$. <i>Physical Review B</i> , 1995, 51, 3312-3315.	1.1	34
75	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
76	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
77	Optical properties of pyrochlore oxides $\text{R}_2\text{Mo}_2\text{O}_7$ ($\text{R} = \text{Sm, Gd, and Ho}$). <i>Journal of Physics Condensed Matter</i> , 1995, 7, 2489-2506.	0.7	14
78	Optical phonons polarized along the c axis of $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$, for $x = 0.5$ and 0.95 . <i>Canadian Journal of Physics</i> , 1995, 73, 663-675.	0.4	61
79	c-axis response of $\text{YBa}_2\text{Cu}_4\text{O}_8$: A pseudogap and possibility of Josephson coupling of CuO_2 planes. <i>Physical Review B</i> , 1994, 50, 3511-3514.	1.1	244
80	Disorder and superconducting-state conductivity of single crystals of $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$. <i>Physical Review B</i> , 1994, 49, 12165-12169.	1.1	122
81	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
82	Measurement of the ab-plane Anisotropy of Microwave Surface Impedance of Untwinned $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$ Single Crystals. <i>Physical Review Letters</i> , 1994, 73, 2484-2487.	2.9	177
83	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
84	Optical study of $\text{Ba}_{0.6}\text{K}_{0.4}\text{BiO}_3$ single crystals: Normal and superconducting properties. <i>Physical Review B</i> , 1994, 50, 4144-4153.	1.1	41
85	Infrared-active phonons in RTiO_3 perovskites ($\text{R} = \text{La, Ce, Pr, Nd, Sm, Gd}$). <i>Physical Review B</i> , 1994, 49, 4299-4302.	1.1	13
86	Mott insulator to correlated metal: Optical study of $\text{La}_{1-x}\text{TiO}_3$. <i>Physical Review B</i> , 1994, 49, 16207-16213.	1.1	44
87	Optical study of localization in the ab-plane conductivity of single crystals of $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$ induced by ion damage. <i>Journal of Superconductivity and Novel Magnetism</i> , 1994, 7, 497-499.	0.5	0
88	Evaluation of 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
89	Observation of confinement effects on acceptors in $\text{Si/Si}_{1-x}\text{Ge}_x$ superlattices. <i>Solid State Communications</i> , 1994, 90, 311-316.	0.9	3
90	Anisotropic optical conductivity of decagonal quasicrystals. <i>Physical Review Letters</i> , 1994, 72, 1937-1940.	2.9	57

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91	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 ETQq1 1 0.784314 rgBT / Ov</i> <i>Solid State Chemistry</i> , 1993, 102, 492-500.	1.4	19
92	Optical anisotropy of UNi_2Si_2 . <i>Physica B: Condensed Matter</i> , 1993, 191, 263-273.	1.3	7
93	Temperature dependence of the mid-infrared absorption in $\text{La}_{1.84}\text{Sr}_{0.16}\text{NiO}_4+\hat{\Gamma}$. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 216, 94-98.	0.6	20
94	Technique for measuring the reflectance of irregular, submillimeter-sized samples. <i>Applied Optics</i> , 1993, 32, 2976.	2.1	321
95	Optical conductivity of c-axis oriented $\text{YBa}_2\text{Cu}_3\text{O}_{6.70}$: Evidence for a pseudogap. <i>Physical Review Letters</i> , 1993, 71, 1645-1648.	2.9	505
96	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
97	Reedyk, Timusk, and Basov reply. <i>Physical Review Letters</i> , 1993, 71, 2677-2677.	2.9	5
98	Normal-state optical properties of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4+\hat{\Gamma}$. <i>Physical Review B</i> , 1993, 47, 985-990.	1.1	17
99	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. <i>Physical Review B</i> , 1992, 45, 10057-10061.	1.1	9
100	Evidence for a-b-plane coupling to longitudinal c-axis phonons in high- T_c superconductors. <i>Physical Review Letters</i> , 1992, 69, 2705-2708.	2.9	63
101	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 ETQq1 1 0.784314 rgBT / Ov</i> <i>Physical Review Letters</i> , 1992, 68, 111-115.	1.1	20
102	Application of photothermal ionization spectroscopy to the study of epitaxially grown germanium on silicon. <i>Journal of Applied Physics</i> , 1992, 72, 3550-3553.	1.1	2
103	Growth of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4+\hat{\Gamma}$ thin films by laser ablation. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 197, 75-78.	0.6	7
104	The midinfrared absorption in RTiO_3 perovskites (R = La, Ce, Pr, Nd, Sm, Gd). <i>Physica C: Superconductivity and Its Applications</i> , 1992, 201, 407-412.	0.6	61
105	Growth of $(\text{Pb}_{0.75}\text{Cu}_{0.25})\text{Sr}_2(\text{Y}_{1-\hat{y}}\text{Ca}_{\hat{y}})\text{Cu}_2\text{O}_7$ thin films by laser ablation. <i>Applied Physics Letters</i> , 1991, 59, 2597-2599.	1.5	10
106	Optical conductivity in high- T_c superconductors. <i>Physical Review B</i> , 1991, 43, 473-479.	1.1	55
107	In situ growth of PbSrYCaCuO films by laser ablation. <i>Applied Physics Letters</i> , 1991, 58, 762-764.	1.5	18
108	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

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109	Reflectance and resistivity of barely metallic LaTiO_3 . <i>Physical Review B</i> , 1991, 44, 13250-13254.	1.1	34
110	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
111	Superconducting optical conductivity for arbitrary temperature and mean free path. <i>Physical Review B</i> , 1991, 43, 12804-12808.	1.1	28
112	Temperature dependence of the anisotropic magnetic penetration depth and lower critical field of single-crystal $\text{Pb}_2\text{Sr}_2(\text{Y,Ca})\text{Cu}_3\text{O}_{8+\delta}$. <i>Physical Review B</i> , 1991, 44, 4539-4547.	1.1	16
113	Evidence for strong bound-electron-phonon interaction at 52 meV in $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Physica C: Superconductivity and Its Applications</i> , 1990, 169, 425-428.	0.6	48
114	Superconducting state optical conductivity in marginal Fermi liquid model. <i>Solid State Communications</i> , 1990, 76, 937-939.	0.9	11
115	Far-infrared optical properties of tetrathiofulvalene-tetracyanoquinodimethane (TTF-TCNQ). <i>Physical Review B</i> , 1990, 42, 4088-4099.	1.1	35
116	Far-infrared absorption of neutron-transmutation-doped germanium. <i>Physical Review B</i> , 1990, 41, 5152-5168.	1.1	17
117	Frequency- and temperature-dependent conductivity in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ crystals. <i>Physical Review B</i> , 1990, 42, 6342-6362.	1.1	387
118	A measurement of the spectrum of the cosmic background radiation from 1 to 3 millimeter wavelength. <i>Astrophysical Journal</i> , 1990, 362, 107.	1.6	3
119	Properties of optical features in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. <i>Physical Review B</i> , 1989, 40, 11358-11361.	1.1	86
120	Photothermal ionization spectroscopy of selectively boron-doped $\text{Ge}_{1-x}\text{Si}_x$ strained-layer heterostructures. <i>Canadian Journal of Physics</i> , 1989, 67, 321-325.	0.4	1
121	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
122	Infrared studies of textured ceramic high- T_c superconductors. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1989, 157, 214-219.	1.2	1
123	Infrared studies of AB-plane oriented $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. <i>Synthetic Metals</i> , 1989, 29, 715-721.	2.1	3
124	Anisotropy of the diffuse background at millimeter wavelengths. <i>Astrophysical Journal</i> , 1989, 337, L1.	1.6	9
125	KamarÅset al. reply. <i>Physical Review Letters</i> , 1988, 60, 969-969.	2.9	25
126	Far-infrared properties of ab-plane oriented $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. <i>Physical Review B</i> , 1988, 37, 1574-1579.	1.1	88

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127	Infrared studies of ab-plane oriented oxide superconductors. Physical Review B, 1988, 38, 6683-6688.	1.1	113
128	Far-Infrared Properties of URu ₂ Si ₂ . Physical Review Letters, 1988, 61, 1305-1308.	2.9	190
129	far-infrared optical properties of Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review B, 1988, 38, 11981-11984.	1.1	107
130	Optical properties of La _{1.85} Sr _{0.15} CuO ₄ : Evidence for strong electron-phonon and electron-electron interactions. Physical Review B, 1987, 36, 733-735.	1.1	90
131	Far-infrared measurement of the gap of the high-T _c superconductor La _{1.85} Sr _{0.15} CuO _{4-x} . Physical Review B, 1987, 35, 8843-8845.	1.1	78
132	Excitonic absorption and superconductivity in YBa ₂ Cu ₃ O _{7-y} . Physical Review Letters, 1987, 59, 919-922.	2.9	157
133	Far-Infrared Conductivity of the High-T _c Superconductor YBa ₂ Cu ₃ O ₇ . Physical Review Letters, 1987, 58, 2249-2250.	2.9	175
134	Optical properties of the heavy fermion superconductor UBe ₁₃ . Journal of the Less Common Metals, 1987, 127, 293-297.	0.9	13
135	The energy gap of the high T _c superconductor La _{1.85} Sr _{0.15} CuO ₄ . Solid State Communications, 1987, 62, 383-385.	0.9	26
136	The far infrared absorption spectra of bound excitons in silicon. Solid State Communications, 1985, 53, 1049-1054.	0.9	18
137	Direct determination of the equilibrium constant of the exciton-carrier gas in germanium. Solid State Communications, 1985, 53, 327-330.	0.9	9
138	Spectrum of the cosmic background radiation at millimeter wavelengths. Physical Review Letters, 1985, 55, 332-335.	2.9	49
139	Far-infrared spectrum of di-tetramethyltetraselenafulvalene hexafluoroarsenate [(TMTSF) ₂ AsF ₆]. Physical Review B, 1985, 32, 8041-8045.	1.1	42
140	Far-infrared absorption spectra of the ground-state to 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
141	Electron hole drops in -stressed germanium. Canadian Journal of Physics, 1985, 63, 387-392.	0.4	1
142	Far-infrared study of bis(tetramethyltetraselenafulvalene) hexafluoroantimonate [(TMTSF) ₂ SbF ₆]: Coexistence of metallic and semiconducting states. Physical Review B, 1984, 30, 5842-5846.	1.1	31
143	Determination of optical properties of fibrous thermal insulation. Journal of Applied Physics, 1984, 55, 4064-4071.	1.1	41
144	Far-Infrared Absorption Spectrum of Be-Related Bound Excitons in Silicon. Physical Review Letters, 1984, 52, 81-84.	2.9	34

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