Thomas Timusk

List of Publications by Year
in descending order

Version: 2024-02-01

175 papers	9,501 citations	31902 53 h-index	39575 94 g-index
175 all docs	175 docs citations	175 times ranked	3324 citing authors

#	Article	IF	Citations
1	Electrodynamics of high-Tcsuperconductors. Reviews of Modern Physics, 2005, 77, 721-779.	16.4	673
2	Optical conductivity ofcaxis orientedYBa2Cu3O6.70: Evidence for a pseudogap. Physical Review Letters, 1993, 71, 1645-1648.	2.9	505
3	Frequency- and temperature-dependent conductivity inYBa2Cu3O6+xcrystals. Physical Review B, 1990, 42, 6342-6362.	1.1	387
4	In-Plane Anisotropy of the Penetration Depth inYBa2Cu3O7â^'xand YBa2Cu4O8Superconductors. Physical Review Letters, 1995, 74, 598-601.	2.9	377
5	Technique for measuring the reflectance of irregular, submillimeter-sized samples. Applied Optics, 1993, 32, 2976.	2.1	321
6	The pseudogap state in high- superconductors: an infrared study. Journal of Physics Condensed Matter, 1996, 8, 10049-10082.	0.7	296
7	c-axis response ofYBa2Cu4O8: A pseudogap and possibility of Josephson coupling ofCuO2planes. Physical Review B, 1994, 50, 3511-3514.	1.1	244
8	A universal scaling relation in high-temperature superconductors. Nature, 2004, 430, 539-541.	13.7	235
9	High-transition-temperature superconductivity in the absence of the magnetic-resonance mode. Nature, 2004, 427, 714-717.	13.7	195
10	Far-Infrared Properties ofURu2Si2. Physical Review Letters, 1988, 61, 1305-1308.	2.9	190
11	Measurement of theabPlane Anisotropy of Microwave Surface Impedance of UntwinnedYBa2Cu3O6.95Single Crystals. Physical Review Letters, 1994, 73, 2484-2487.	2.9	177
12	Far-Infrared Conductivity of the High-TcSuperconductor YBa2Cu3O7. Physical Review Letters, 1987, 58, 2249-2250.	2.9	175
13	Optical properties along the c-axis of YBa2Cu3O6+x, for x = 0.50 â† 0.95 evolution of the pseudogap. Physica C: Superconductivity and Its Applications, 1995, 254, 265-280.	0.6	171
14	Pseudogap and Charge Dynamics inCuO2Planes in YBCO. Physical Review Letters, 1996, 77, 4090-4093.	2.9	167
15	Excitonic absorption and superconductivity inYBa2Cu3O7â^'y. Physical Review Letters, 1987, 59, 919-922.	2.9	157
16	Evolution of the Pseudogap State of High-TcSuperconductors with Doping. Physical Review Letters, 1996, 77, 3212-3215.	2.9	140
17	Disorder and superconducting-state conductivity of single crystals ofYBa2Cu3O6.95. Physical Review B, 1994, 49, 12165-12169.	1.1	122
18	Infrared studies ofab-plane oriented oxide superconductors. Physical Review B, 1988, 38, 6683-6688.	1.1	113

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19	Infrared Probe of Transition from Superconductor to Nonmetal inYBa2(Cu1â˜'xZnx)4O8. Physical Review Letters, 1998, 81, 2132-2135.	2.9	110
20	far-infrared optical properties ofBi2Sr2CaCu2O8. Physical Review B, 1988, 38, 11981-11984.	1.1	107
21	Bosons in high-temperature superconductors: an experimental survey. Reports on Progress in Physics, 2011, 74, 066501.	8.1	101
22	Doping dependent optical properties of Bi2Sr2CaCu2O8+Î´. Journal of Physics Condensed Matter, 2007, 19, 125208.	0.7	100
23	Optical conductivity of the stable icosahedral quasicrystalAl63.5Cu24.5Fe12. Physical Review Letters, 1991, 67, 2694-2696.	2.9	99
24	Far-infrared measurements of the phonon density of states of superconducting lead. Physical Review B, 1974, 10, 2799-2802.	1.1	96
25	Layered Ruthenium Oxides: From Band Metal to Mott Insulator. Physical Review Letters, 1998, 81, 2747-2750.	2.9	93
26	Surface impedance studies of YBCO. European Physical Journal D, 1996, 46, 3195-3202.	0.4	91
27	Optical properties ofLa1.85Sr0.15CuO4: Evidence for strong electron-phonon and electron-electron interactions. Physical Review B, 1987, 36, 733-735.	1.1	90
28	Optical Absorption of Cuâ€Centers in Alkali Halides. Physica Status Solidi (B): Basic Research, 1965, 10, 709-723.	0.7	89
29	Far-infrared properties ofab-plane orientedYBa2Cu3O7â˜'Î´. Physical Review B, 1988, 37, 1574-1579.	1.1	88
30	Properties of optical features inYBa2Cu3O7â˜'Î´. Physical Review B, 1989, 40, 11358-11361.	1.1	86
31	Optical Conductivity of Insulating Al-Based Alloys: Comparison of Quasiperiodic and Periodic Systems. Physical Review Letters, 1994, 73, 1865-1868.	2.9	86
32	Phonon density of states of superconducting lead. Physical Review B, 1976, 14, 5119-5120.	1.1	85
33	Strong electron-phonon interaction in the high-Tcsuperconductors: Evidence from the infrared. Physical Review Letters, 1991, 66, 663-666.	2.9	85
34	Sidebands of the InfraredUCenter in KBr. Physical Review, 1966, 141, 664-675.	2.7	82
35	Lattice Dynamics of Potassium Chloride. Physical Review, 1969, 182, 965-972.	2.7	82
36	Optical Conductivity of HighTcSuperconductors: From Underdoped to Overdoped. Physical Review Letters, 1996, 77, 1853-1856.	2.9	82

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37	Far-infrared measurement of the gap of the high-TcsuperconductorLa1.85Sr0.15CuO4â^'x. Physical Review B, 1987, 35, 8843-8845.	1.1	78
38	Evolution of the bosonic spectral density of the high-temperature superconductorBi2Sr2CaCu2O8+Î´. 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-IIYBa2Cu3O6.50. Physical Review B, 2006, 73, .	1.1	69
42	Optical Spectroscopy of Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ba</mml:mi><mml:mn>0.55</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mn>0.45</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>Evidence for Strong Coupling to Low-Energy Bosons. Physical Review Letters, 2009, 102, 187003.	2.9	68
43	Spectroscopic evidence of a new energy scale for superconductivity in H3S. Nature Physics, 2017, 13, 859-863.	6.5	67
44	Evidence fora-b-plane coupling to longitudinalc-axis phonons in high-Tcsuperconductors. Physical Review Letters, 1992, 69, 2705-2708.	2.9	63
45	The midinfrared absorption in RTiO3 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 YBa2Cu3O6+x, for xâ€‚=â€‚0.5â€‚â†'â€‚0.95. Canadian Journal of Physics, 1995, 73, 663-675.	0.4	61
47	Optical signatures of Dirac nodal lines in 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 theU-Center Vibrations in Alkali Halides: An Extended Model. Physical Review, 1967, 157, 744-750.	2.7	56
50	Optical conductivity in high-Tcsuperconductors. Physical Review B, 1991, 43, 473-479.	1.1	55
51	Evidence ford-wave superconductivity inYBa2Cu3O7â^'Î´from far-infrared conductivity. Physical Review B, 1995, 51, 11798-11805.	1.1	55
52	Imaginary part of the optical conductivity ofBa1â^'xKxBiO3. Physical Review B, 1996, 53, 9433-9441.	1.1	55
53	Temperature evolution of the pseudogap state in the infrared response of underdopedLa2â^'xSrxCuO4. Physical Review B, 1999, 59, 7184-7190.	1.1	54
54	Evidence for a Pseudogap in UnderdopedBi2Sr2CaCu2O8+Î´andYBa2Cu3O6.50from 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 YBa2Cu3O7. Physica C: Superconductivity and Its Applications, 1990, 169, 425-428.	0.6	48
57	Optical spectroscopy shows that the normal state of URu ₂ Si 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
58	Mott insulator to correlated metal: Optical study ofLa1âˆ'xTiO3. Physical Review B, 1994, 49, 16207-16213.	1.1	44
59	Infrared conductivity ofNaxCoO2: Evidence of gapped states. Physical Review B, 2005, 72, .	1.1	44
60	Imaginary part of the infrared conductivity of adx2â^'y2superconductor. Physical Review B, 1996, 54, 1264-1272.	1.1	43
61	Far-infrared spectrum of di-tetramethyltetraselenafulvalene hexafluoroarsenate [(TMTSF)2AsF6]. Physical Review B, 1985, 32, 8041-8045.	1.1	42
62	Doping dependence of the optical properties ofBa1âˆ'xKxBiO3. 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 ofBa0.6K0.4BiO3single crystals: Normal and superconducting properties. Physical Review B, 1994, 50, 4144-4153.	1.1	41
65	Phonon Structure of theNO2â^'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 ofYBa2Cu3O6+y. 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<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow> Physical Review B, 2010, 82, .	1.1	38
69	Exchange Boson Dynamics in Cuprates: Optical Conductivity ofHgBa2CuO4+Î´. 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<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>1.83</mml:mn></mml:msub><mml:msub><mml:mi>Sr</mml:mi><mml: 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. Physical Review Letters, 1984, 52, 81-84.	2.9	34
74	Reflectance and resistivity of barely metallicLaTiO3. Physical Review B, 1991, 44, 13250-13254.	1.1	34
75	ab-plane optical properties ofTl2Ba2CuO6+Î´. Physical Review B, 1995, 51, 3312-3315.	1.1	34
76	The mysterious pseudogap in high temperature superconductors: an infrared view. Solid State Communications, 2003, 127, 337-348.	0.9	33
77	One-Phonon Sideband ofSm++in KBr. Physical Review, 1967, 164, 345-349.	2.7	32
78	Far-infrared study of bis(tetramethyltetraselenafulvalene) hexafluoroantimonate [(TMTSF)2SbF6]: Coexistence of metallic and semiconducting states. Physical Review B, 1984, 30, 5842-5846.	1.1	31
79	Anomalous temperature- and doping-induced changes in thec-axis apical-oxygen phonon mode ofPb2Sr2RCu3O8. Physical Review B, 1994, 49, 15984-15992.	1.1	31
80	Gap in the infrared response ofHgBa2Ca2Cu3O8+Î´. Physical Review B, 2000, 62, 8711-8714.	1.1	31
81	Superconducting optical conductivity for arbitrary temperature and mean free path. Physical Review B, 1991, 43, 12804-12808.	1.1	28
82	Impurity-Induced Far-Infrared Absorption in KBr and KCl. Physical Review B, 1972, 5, 2351-2359.	1.1	27
83	The energy gap of the high Tc superconductor La1.85Sr0.15CuO4. Solid State Communications, 1987, 62, 383-385.	0.9	26
84	Marginal Fermi liquid analysis of 300 K reflectance ofBi2Sr2CaCu2O8+Î´. Physical Review B, 2004, 69, .	1.1	26
85	KamarÃ¡set al. reply. Physical Review Letters, 1988, 60, 969-969.	2.9	25
86	Unconventional Electrodynamic Response of the Quasi-One-Dimensional Organic Conductor (TMTSF)2ClO4. Journal De Physique, I, 1996, 6, 1719-1726.	1.2	24
87	U-Center-Induced Raman Scattering in KBr and KI. Physical Review B, 1972, 5, 3343-3354.	1.1	23
88	Far-infrared absorption by excitons in silicon. Solid State Communications, 1978, 25, 217-219.	0.9	23
89	Optical conductivity of nonmetallicBa0.69K0.31BiO3single crystals: Evidence for bipolaron formation. Physical Review B, 1995, 52, R9855-R9858.	1.1	23
90	The ab-plane optical conductivity of overdoped La2â^'xSrxCuO4 for x=0.184 and 0.22: evidence of a pseudogap. Physica C: Superconductivity and Its Applications, 1999, 321, 135-142.	0.6	23

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91	Optical evidence for mass enhancement of quasiparticles in pyrochloreCd2Re2O7. Physical Review B, 2002, 66, .	1.1	23
92	Phonon Sidebands in the Emission Spectrum ofO2â˜’in Alkali-Halide Crystals. Physical Review B, 1973, 7, 3913-3925.	1.1	22
93	Evaluation of LaSrGaO4 as a substrate for YBa2Cu3O7â˜’Î´. Physica C: Superconductivity and Its Applications, 1994, 225, 7-12.	0.6	22
94	Interpretation of the oblique Abrikosov flux lattice inYBa2Cu3O7. Physical Review B, 1995, 52, 97-99.	1.1	22
95	The role of magnetism in forming the c-axis spectral peak at 400cmâ˜’1 in high temperature superconductors. Solid State Communications, 2003, 126, 63-69.	0.9	21
96	Optical investigation of the metal-insulator transition in the Ca-freePb2Sr2LCu3O8(L=Y, Dy, Eu, Sm, Nd,) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	20
97	Temperature dependence of the mid-infrared absorption in La1.84Sr0.16NiO4+Î´. Physica C: Superconductivity and Its Applications, 1993, 216, 94-98.	0.6	20
98	Superconducting and Nonsuperconducting Ca-Free Single Crystals of Pb2Sr2RCu3O8 (R = La, Ce, Pr, Nd,) Tj ETQq0 0 0 rgBT /Overlock 1 Solid State Chemistry, 1993, 102, 492-500.	1.4	19
99	Optical conductivity of the icosahedral quasicrystal Al75.5Mn20.5Si4and its 1/1 crystalline approximant alpha -Al72.5Mn17.4Si10.1. Journal of Physics Condensed Matter, 1993, 5, 5975-5990.	0.7	19
100	Infrared properties ofLa2â˜’x(Ca,Sr)xCaCu2O6+Î´single crystals. Physical Review B, 2003, 67, .	1.1	19
101	The far infrared absorption spectra of bound excitons in silicon. Solid State Communications, 1985, 53, 1049-1054.	0.9	18
102	Insitugrowth of PbSrYCaCuO films by laser ablation. Applied Physics Letters, 1991, 58, 762-764.	1.5	18
103	Characteristics of oxygen isotope substitutions in the quasiparticle spectrum of Bi ₂ Sr ₂ CaCu ₂ O _{8+Î´}. Europhysics Letters, 2009, 86, 67003.	0.7	18
104	Far-infrared absorption of neutron-transmutation-doped germanium. Physical Review B, 1990, 41, 5152-5168.	1.1	17
105	Normal-state optical properties ofNd1.85Ce0.15CuO4+Î´. Physical Review B, 1993, 47, 985-990.	1.1	17
106	Infrared absorption due to H^{â˜’} ions in sodium and potassium halides. II. Impurity induced absorption in the far-infrared region. Canadian Journal of Physics, 1970, 48, 2917-2929.	0.4	16
107	Far-infrared transmission ofBi2Sr2CaCu2O8films. Physical Review B, 1989, 40, 5162-5164.	1.1	16
108	Temperature dependence of the anisotropic magnetic penetration depth and lower critical field of single-crystalPb2Sr2(Y,Ca)Cu3O8+Î´. Physical Review B, 1991, 44, 4539-4547.	1.1	16

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109	Temperature-dependent optical spectroscopy studies ofNd1âˆ’xTiO3. Physical Review B, 2006, 73, .	1.1	16
110	Fermi surface arcs and the infrared conductivity of underdoped YBa 2 Cu 3 O 6.50. Europhysics Letters, 2008, 82, 27002.	0.7	16
111	Observation of multiple gap structure in hidden order state of URu<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>Si<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>from optical conductivity. Physical Review B, 2012, 86, .	1.1	16
112	Oxygen Isotope Effect in theab-Plane Reflectance of UnderdopedYBa2Cu3O7âˆ’Î´. 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 Î± center in KBr. Journal of Physics and Chemistry of Solids, 1965, 26, 849-860.	1.9	14
115	Optical properties of pyrochlore oxides R2Mo2O7- delta(R: Sm, Gd, and Ho). Journal of Physics Condensed Matter, 1995, 7, 2489-2506.	0.7	14
116	Infrared absorption due to Hâˆ’ 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-stateâ€“toâ€“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 UBe13. Journal of the Less Common Metals, 1987, 127, 293-297.	0.9	13
119	Infrared-active phonons inRTiO3perovskites (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	Theab-plane optical conductivity of high-T c superconductors. Journal of Superconductivity and Novel Magnetism, 1995, 8, 563-566.	0.5	13
122	Farâ€infrared absorption of electronâ€“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 halidesâˆ—. Journal of Physics and Chemistry of Solids, 1961, 18, 265-267.	1.9	10

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127	Growth of (Pb0.75Cu0.25)Sr2(Y1â^'yCay)Cu2O7thin films by laser ablation. Applied Physics Letters, 1991, 59, 2597-2599.	1.5	10
128	Optical investigations of the heavy-fermion superconductorUNi2Al3. Physical Review B, 1996, 53, 2601-2605.	1.1	10
129	Far-infrared absorption of alkali halide crystals containing Hâ^' 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-crystalPb2Sr2(Y,Ca)Cu3O8: 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 underdopedPb2Sr2(Y/Ca)Cu3O8. Physical Review B, 1997, 56, 9129-9133.	1.1	9
133	Crystal growth and superconductivity of (La1â^'xCax)2CaCu2O6+Î´. Journal of Physics and Chemistry of Solids, 2006, 67, 431-434.	1.9	9
134	Manifestation of the pseudogap inab-plane optical characteristics. Journal of Physics Condensed Matter, 2008, 20, 295215.	0.7	9
135	Electrodynamics of the antiferromagnetic phase in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>URu</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 92, .	1.1	9
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
138	Phonon Effects in the Far-Infrared Reflectivity of Superconducting Lead. Physical Review B, 1971, 3, 1049-1050.	1.1	8
139	Singular Points in the Impurity Induced Far Infrared Absorption in KI. Canadian Journal of Physics, 1975, 53, 424-430.	0.4	8
140	Far-infrared absorption by electron-hole drops in germanium. Damping and size effects. Physical Review B, 1979, 19, 5223-5231.	1.1	8
141	Growth of Nd1.85Ce0.15CuO4+Î´ thin films by laser ablation. Physica C: Superconductivity and Its Applications, 1992, 197, 75-78.	0.6	7
142	Optical anisotropy of UNi2Si2. Physica B: Condensed Matter, 1993, 191, 263-273.	1.3	7
143	Left-handed behavior of split-ring resonators: Optical measurements and numerical analysis. Physical Review B, 2008, 77, .	1.1	7
144	Far-infrared absorption spectrum of excitons in [111]-stressed germanium: High-stress limit. Physical Review B, 1983, 27, 3605-3610.	1.1	6

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145	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
146	(Sr1â^'xCax)3Ru2O7 system: optical and ARPES results. Journal of Physics and Chemistry of Solids, 1998, 59, 1907-1911.	1.9	6
147	Far-infrared vibrational mode inCu1â^'xMxGe1â^'ySiyO3â€,(M=Zn,Cd,Ni). Physical Review B, 1999, 59, 1157-1161.	1.1	6
148	Optical study of hybridization and hidden order in URu2Si2. Philosophical Magazine, 2014, 94, 3760-3774.	0.7	6
149	Spectroscopic signatures of phonons in high pressure superconducting hydrides. Physical Review B, 2019, 100, .	1.1	6
150	Optical properties of superconducting pressurized <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaH</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:math> Physical Review B, 2020, 102, .	1.1	6
151	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
152	Reedyk, Timusk, and Basov reply. Physical Review Letters, 1993, 71, 2677-2677.	2.9	5
153	Frequency-dependent damping for electron-hole drops in germanium. Physical Review B, 1980, 21, 4649-4655.	1.1	4
154	The strange interplane conductivity of HTSC. Journal of Physics and Chemistry of Solids, 1995, 56, 1821-1823.	1.9	4
155	The far-infrared conductivity of oxide superconductors. Ferroelectrics, 1996, 177, 83-94.	0.3	4
156	Electron-boson spectral density of LiFeAs obtained from optical data. Journal of Physics Condensed Matter, 2015, 27, 055701.	0.7	4
157	Deformation Potentials of the Alkali Halides. Physical Review B, 1970, 2, 2262-2264.	1.1	3
158	Far-infrared study of the Zeeman effect of indirect excitons in germanium. Physical Review B, 1982, 25, 1141-1150.	1.1	3
159	Infrared studies of AB-plane oriented YBa2Cu3O7â^'Î´. Synthetic Metals, 1989, 29, 715-721.	2.1	3
160	Observation of confinement effects on acceptors in Si/Si1â^'xGex superlattices. Solid State Communications, 1994, 90, 311-316.	0.9	3
161	Correlations between critical current density and penetration depth in ion irradiated YBa/sub 2/Cu/sub 3/O/sub 7/ thin films. IEEE Transactions on Applied Superconductivity, 1997, 7, 2005-2008.	1.1	3
162	A measurement of the spectrum of the cosmic background radiation from 1 to 3 millimeter wavelength. Astrophysical Journal, 1990, 362, 107.	1.6	3

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