

Critical fields, Pauli paramagnetic limiting, and materia

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Experimental Test of the Theory of High-Field Superconductivity. Physical Review Letters, 1979, 43, 384-387.	2.9	30
2	Energy gaps of the $A_{15}$ superconductors $Nb_3Sn$ , $V_3Si$ , and $Nb_3Ge$ measured by tunneling. Physical Review B, 1979, 20, 2721-2738.	1.1	119
3	A theory of the upper critical field in quasi-zero-dimensional superconductors. Journal of Low Temperature Physics, 1980, 40, 59-70.	0.6	0
4	The determination of flux density gradients in $Nb_3Sn$ diffusion layers by means of the magneto-optical faraday effect. Physica Status Solidi A, 1980, 60, 417-426.	1.7	26
5	Tunneling and the electron-phonon-coupled superconductivity of $Nb_3Sn$ . Physical Review B, 1980, 22, 1214-1217.	1.1	68
6	Theory of the upper critical field in anisotropic superconductors. Physical Review B, 1980, 21, 3890-3896.	1.1	28
7	Superconductivity in amorphous $T_5T_9$ transition-metal alloys ( $T_5=Nb, Ta$ ; $T_9=Rh, Ir$ ). Physical Review B, 1980, 22, 5213-5224.	1.1	36
8	Upper critical fields and reduced dimensionality of the superconducting layered compounds. Physical Review B, 1980, 21, 2717-2733.	1.1	122
9	High-Field, High-Current Superconductors. Science, 1980, 208, 881-887.	6.0	29
10	$A_{15}$ -type superconductors. Reports on Progress in Physics, 1980, 43, 641-687.	8.1	163
11	Microscopic superconducting parameters of $Nb_3Al$ : Importance of the band density of states. Physical Review B, 1981, 24, 2506-2514.	1.1	31
12	Overview of Superconducting Materials Development. , 1981, , 1-61.		6
13	Niobium-Titanium Superconducting Materials. , 1981, , 133-199.		15
14	Metallurgy of Continuous Filamentary $A_{15}$ Superconductors. , 1981, , 201-274.		39
15	On the Upper Critical Fields of 600 kG Superconductors. Journal of the Physical Society of Japan, 1981, 50, 2595-2597.	0.7	3
16	Characterization of $Nb_3Sn$ diffusion layer material. IEEE Transactions on Magnetism, 1981, 17, 360-363.	1.2	18
17	Upper critical field in multifilamentary $Nb_3Sn$ conductors. IEEE Transactions on Magnetism, 1981, 17, 370-373.	1.2	13
18	The role of disorder in maximizing the upper critical field in the Nb-Sn system. IEEE Transactions on Magnetism, 1981, 17, 368-369.	1.2	45

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19	Low temperature phase transformation in Nb <sub>3</sub> Sn multifilamentary wires and the strain dependence of their critical current density. IEEE Transactions on Magnetics, 1981, 17, 2285-2288.	1.2	14
20	Superconducting materials—A review of recent advances and current problems in practical materials. IEEE Transactions on Magnetics, 1981, 17, 1668-1686.	1.2	25
21	Upper-bound estimate of paramagnon effects in Nb <sub>3</sub> Sn from tunneling. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 85, 383-385.	0.9	3
22	The physical and structural properties of superconducting A15-type Nb-Sn alloys. Journal of Materials Science, 1981, 16, 2145-2153.	1.7	125
23	Structure and superconducting properties of Nb <sub>3</sub> Ge prepared in a UHV system. Physica Status Solidi A, 1981, 64, 195-206.	1.7	7
24	Superconducting properties of 4Hb-Ta <sub>0.8</sub> Nb <sub>0.2</sub> Se <sub>2</sub> . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 105, 435-438.	0.9	3
25	Superconductivity in A15 Nb <sub>3</sub> (Ge, Ga) and Nb <sub>3</sub> -(Ge, B) compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 107, 267-268.	0.9	1
26	Upper critical fields in the presence of electron-spin and spin-orbit effects. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 107, 293-294.	0.9	4
27	Critical magnetic field of superconducting VN thin films. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 107, 527-528.	0.9	4
28	Thermodynamic properties and fundamental parameters of single crystal Cu <sub>1.8</sub> Mo <sub>6</sub> S <sub>8</sub> . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1981, 108, 929-930.	0.9	7
29	Upper critical fields of cubic and tetragonal single crystal and polycrystalline Nb <sub>3</sub> Sn in DC fields to 30 tesla. Solid State Communications, 1981, 39, 959-964.	0.9	62
30	Effects of composition on the upper critical field of V-Ga. Solid State Communications, 1981, 39, 773-776.	0.9	11
31	Upper critical fields of amorphous transition metal based alloys. Solid State Communications, 1981, 38, 53-57.	0.9	54
32	Hydrogenated and irradiated A15 Nb <sub>3</sub> Sn layers ? Preparation, Rutherford scattering analysis, resistivity and superconductivity. Zeitschrift für Physik B Condensed Matter and Quanta, 1981, 41, 291-299.	1.9	13
33	Pauli Limiting and the Possibility of Spin Fluctuations in the A15 Superconductors. Physical Review Letters, 1981, 46, 1598-1601.	2.9	86
34	Superconductivity of proton-irradiated V <sub>3</sub> Si. Physical Review B, 1981, 24, 90-95.	1.1	22
35	Superconducting critical field of Nb <sub>3</sub> Ge <sub>1-x</sub> Sn <sub>x</sub> pseudobinaries. Physical Review B, 1981, 23, 4485-4492.	1.1	7
36	Specific heat of A15 Nb <sub>3</sub> Sn in fields to 18 tesla. Physical Review B, 1981, 24, 3841-3846.	1.1	44

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37	Anomalous superconducting properties of $\text{Sn}_x\text{Eu}_{1.2-x}\text{Mo}_6\text{S}_8$ at high pressure and high magnetic field. <i>Physical Review B</i> , 1982, 26, 1442-1445.	1.1	10
38	Evidence for pressure-induced electronic changes in $\text{V}_3\text{Si}$ . <i>Physical Review B</i> , 1982, 25, 6053-6056.	1.1	8
39	Locality of information obtained from proximity-electron-tunneling spectroscopy. <i>Physical Review B</i> , 1982, 25, 1541-1549.	1.1	9
40	Anomalous flux entry into $\text{NbSe}_2$ . <i>Physical Review B</i> , 1982, 25, 4479-4487.	1.1	12
41	Generalization of the theory of the electron-phonon interaction: Thermodynamic formulation of superconducting- and normal-state properties. <i>Physical Review B</i> , 1982, 26, 1186-1207.	1.1	60
42	Critical Fields of the "Heavy-Fermion" Superconductor $\text{CeCu}_2\text{Si}_2$ . <i>Physical Review Letters</i> , 1982, 49, 1448-1451.	2.9	143
43	Effects of disorder on properties of A15 materials. <i>Physical Review B</i> , 1982, 26, 3673-3681.	1.1	30
44	Superconducting Properties of Amorphous $\text{Zr-Nb-Ge}$ Alloys. <i>Transactions of the Japan Institute of Metals</i> , 1982, 23, 693-702.	0.5	19
45	The effect of cold rolling on the superconducting properties of an amorphous $\text{Nb}_{50}\text{Zr}_{35}\text{Si}_{15}$ alloy. <i>Scripta Metallurgica</i> , 1982, 16, 1393-1396.	1.2	11
46	Critical magnetic field of very thin superconducting aluminum films. <i>Physical Review B</i> , 1982, 25, 171-178.	1.1	51
47	Transferability and the electron-phonon interaction: A reinterpretation of the rigid-muffin-tin approximation. <i>Physical Review B</i> , 1982, 25, 745-754.	1.1	25
48	Low temperature specific heat of $(\text{Mo}_{0.60}\text{Ru}_{0.40})_{100-x}\text{B}_x$ metallic glasses: Evidence for compositional variation of atomic-scale structure. <i>Solid State Communications</i> , 1982, 43, 537-541.	0.9	24
49	Ion and neutron damage studies of A15-superconductors. <i>Journal of Nuclear Materials</i> , 1982, 108-109, 585-592.	1.3	10
50	Study of $\text{Sn}_x\text{Eu}_{1.2-x}\text{Mo}_6\text{S}_8$ under high pressure and high magnetic field. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , 1982, 109-110, 1649-1656.	0.9	1
51	Tunneling into the A15 compounds. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , 1982, 109-110, 1665-1670.	0.9	3
52	Proximity electron tunneling spectroscopy. <i>Physics Reports</i> , 1982, 91, 31-102.	10.3	77
53	Superconducting properties of amorphous $\text{Zr-Ge}$ binary alloys. <i>Journal of Materials Science</i> , 1982, 17, 3299-3307.	1.7	9
54	Non-equilibrium crystalline superconductors in $\text{Zr-Si}$ binary alloys rapidly quenched from melts. <i>Journal of Materials Science</i> , 1982, 17, 2218-2226.	1.7	14

#	ARTICLE	IF	CITATIONS
55	Superconductivity of Solid Solutions $V_{90}X_{10}$ (X = Cr, Mn, Nb, Mo, Pd, Ta, W). <i>IEEE Transactions on Magnetics</i> , 1983, 19, 204-207.	0.7	9
56	Mo base superconducting materials prepared by multi-target reactive sputtering. <i>IEEE Transactions on Magnetics</i> , 1983, 19, 204-207.	1.2	13
57	The characterization of superconducting materials - conflicts and correlations. <i>IEEE Transactions on Magnetics</i> , 1983, 19, 1109-1119.	1.2	25
58	RF surface resistance of high-T <sub>c</sub> superconducting A15 thin films. <i>IEEE Transactions on Magnetics</i> , 1983, 19, 1003-1006.	1.2	13
59	The science of useful superconductors - and beyond. <i>IEEE Transactions on Magnetics</i> , 1983, 19, 1300-1307.	1.2	2
60	Upper critical field measurements on A15 NbGe superconducting films. <i>Journal of Low Temperature Physics</i> , 1983, 50, 33-56.	0.6	14
61	On the relationship between the electronic density of states and the superconducting critical temperature of disordered V <sub>3</sub> Si. <i>Journal of Low Temperature Physics</i> , 1983, 52, 289-300.	0.6	0
62	The effect of IIIb and IVb elements on the superconducting properties of zirconium-based amorphous alloys. <i>Journal of Materials Science</i> , 1983, 18, 439-446.	1.7	7
63	Analysis of upper critical field curves in amorphous superconductors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1983, 93, 495-498.	0.9	15
64	Correlation between superconducting characteristics and normal electrical resistivity for Zr-Si and Zr-Ge alloys in metastable BCC and amorphous phases. <i>Journal of Physics F: Metal Physics</i> , 1983, 13, 2603-2614.	1.6	8
65	Superconductivity and spin fluctuations in M <sub>2</sub> Zr metallic glasses (M=Cu, Ni, Co, and Fe). <i>Physical Review B</i> , 1983, 27, 4149-4156.	1.1	276
66	Effects of additives on the superconducting properties of powder metallurgically produced Cu-Nb <sub>3</sub> Sn composite wires. <i>Journal of Applied Physics</i> , 1983, 54, 3318-3324.	1.1	12
67	Electronic Raman Scattering by Superconducting-Gap Excitations in Nb <sub>3</sub> Sn and V <sub>3</sub> Si. <i>Physical Review Letters</i> , 1983, 50, 853-856.	2.9	87
68	Superconducting and magnetic properties of Y <sub>0.9</sub> Ru <sub>0.1</sub> Rh <sub>4</sub> B <sub>4</sub> . <i>Physical Review B</i> , 1983, 27, 4236-4242.	1.1	10
69	Electronic density of states and T <sub>c</sub> in Nb <sub>3</sub> Sn under pressure. <i>Physical Review B</i> , 1983, 27, 2781-2787.	1.1	44
70	Josephson tunneling and the proximity effect. <i>Physical Review B</i> , 1983, 28, 1294-1303.	1.1	25
71	Upper critical fields and superconducting transition temperatures of some zirconium-base amorphous transition-metal alloys. <i>Physical Review B</i> , 1983, 28, 1396-1418.	1.1	66
72	Spin fluctuations and superconductivity in UPt <sub>3</sub> . <i>Journal of Physics F: Metal Physics</i> , 1984, 14, L191-L196.	1.6	54

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73	The influence of band structure on the electromagnetic properties of superconducting Nb and Nb <sub>3</sub> Sn. Journal of Physics F: Metal Physics, 1984, 14, 175-189.	1.6	10
74	Anomalous temperature dependence of the resistivity of some intermetallic compounds. Journal of Physics F: Metal Physics, 1984, 14, L207-L213.	1.6	17
75	Thermodynamics of superconducting Nb <sub>3</sub> Al, Nb <sub>3</sub> Ge, Nb <sub>3</sub> Sn, and V <sub>3</sub> Ga. Physical Review B, 1984, 29, 6187-6197.	1.1	24
76	Phase instability, spin fluctuations, and superconductivity in the C15 compound V <sub>2</sub> Zr. Physical Review B, 1984, 30, 2542-2547.	1.1	29
77	Upper critical fields in liquid-quenched metastable superconductors. Physical Review B, 1984, 30, 1253-1259.	1.1	36
78	Spin-Polarized Tunneling Measurement of the Antisymmetric Fermi-Liquid Parameter $G_0$ and Renormalization of the Pauli Limiting Field in A <sub>1</sub> . Physical Review Letters, 1984, 52, 1637-1640.	2.9	30
79	Critical current and upper critical field of multifilament Nb <sub>3</sub> Al-Ta <sub>x</sub> Sn superconductor. Journal of Applied Physics, 1984, 56, 814-818.	1.1	13
80	A criterion for the determination of upper critical fields in highly disordered thin film superconductors. Applied Physics Letters, 1984, 45, 794-796.	1.5	14
81	Magnetic penetration depths in superconducting NbN films prepared by reactive dc magnetron sputtering. Applied Physics Letters, 1984, 44, 258-260.	1.5	51
82	Microscopic superconducting parameters from tunneling in A <sub>15</sub> Nb-Sn. Physical Review B, 1984, 30, 2590-2594.	1.1	55
83	Renormalization effects on the upper critical field for weak electron-phonon coupling. Physical Review B, 1984, 29, 446-451.	1.1	2
84	Normal and superconducting properties of single-crystalline BaPb <sub>1-x</sub> Bi <sub>x</sub> O <sub>3</sub> . Solid State Communications, 1984, 52, 459-462.	0.9	46
85	Effect of magnetic iron impurity on the superconducting properties of an amorphous Nb <sub>50</sub> Zr <sub>35</sub> Si <sub>15</sub> alloy. Journal of Materials Science, 1984, 19, 3739-3745.	1.7	4
86	Electric and magnetic properties of the Kondo-lattice compound CeCu <sub>2</sub> Si <sub>2</sub> . Journal of Low Temperature Physics, 1984, 57, 61-93.	0.6	94
87	Upper critical field and related properties of superconducting amorphous alloys Zr-Si. Journal of Low Temperature Physics, 1984, 55, 393-410.	0.6	26
88	Upper critical fields of the superconducting layered compounds Nb <sub>1-x</sub> Ta <sub>x</sub> Se <sub>2</sub> . Journal of Low Temperature Physics, 1984, 56, 545-574.	0.6	45
89	Upper critical field of Nb and Nb <sub>1-x</sub> Ta <sub>x</sub> determined by calorimetric and magnetic methods. Journal of Low Temperature Physics, 1984, 55, 303-308.	0.6	5
90	Effect of cold rolling on the superconducting and electronic properties of two amorphous alloys; Nb <sub>50</sub> Zr <sub>35</sub> Si <sub>15</sub> and Nb <sub>70</sub> Zr <sub>15</sub> Si <sub>15</sub> . Journal of Materials Science, 1984, 19, 1251-1260.	1.7	5

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91	Spin fluctuations and superconductivity in UPt <sub>3</sub> . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1984, 127, 442-447.	0.9	22
92	Effect of annealing on the superconducting properties of two amorphous alloys: Nb <sub>70</sub> Zr <sub>15</sub> Si <sub>15</sub> and Zr <sub>85</sub> Si <sub>15</sub> . Journal of Materials Science, 1984, 19, 2719-2730.	1.7	9
93	Superconductivity and thermal relaxation of amorphous Be-Nb-Zr alloys. Journal of Non-Crystalline Solids, 1984, 61-62, 991-996.	1.5	8
94	A <sub>15</sub> Nb <sub>3</sub> Sn tunnel junction fabrication and properties. Journal of Applied Physics, 1984, 55, 3544-3553.	1.1	38
95	High-field specific heats of A <sub>15</sub> V <sub>3</sub> Si and Nb <sub>3</sub> Sn. Physical Review B, 1984, 29, 3908-3912.	1.1	46
96	Concentrated Kondo systems. Advances in Physics, 1984, 33, 373-467.	35.9	470
97	Correlation between structural relaxation enthalpy and superconducting properties of amorphous Zr <sub>70</sub> Cu <sub>30</sub> and Zr <sub>70</sub> Ni <sub>30</sub> alloys. Journal of Materials Science, 1985, 20, 2323-2334.	1.7	13
98	Superconductivity and Resistivity of LaRh <sub>1.1</sub> Sn <sub>4</sub> . Physica Status Solidi (B): Basic Research, 1985, 130, K73.	0.7	8
99	Magnetic properties of superconducting oxygen-doped vanadium foils. Physica Status Solidi A, 1985, 90, 651-656.	1.7	0
100	Magnetic properties of pure superconducting vanadium foils. Journal of Low Temperature Physics, 1985, 58, 27-36.	0.6	4
101	Superconductivity, spin fluctuations and magnetic order in uranium compounds under high pressure. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 130, 180-188.	0.9	24
102	Formation, ion modification, and annealing of VN. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 135, 157-163.	0.9	0
103	Microscopic investigation of NbN sputtered films. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 135, 164-167.	0.9	10
104	Effect of anisotropic scattering on the upper critical field of high-field superconductors. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 135, 482-485.	0.9	3
105	High T <sub>c</sub> multifilamentary Nb <sub>3</sub> Al wires. Cryogenics, 1985, 25, 452-456.	0.9	2
106	Optimization of Nb <sub>3</sub> Sn. IEEE Transactions on Magnetics, 1985, 21, 1122-1128.	1.2	37
107	An approximate closed-form expression for the electron-scattering-induced interaction between magnetic flux lines and grain boundaries. IEEE Transactions on Magnetics, 1985, 21, 827-830.	1.2	33
108	Comparison of superconducting properties and residual resistivities of bronze processed Nb <sub>3</sub> Sn wires with Ta, Ti and Ni+Zn additives. IEEE Transactions on Magnetics, 1985, 21, 281-284.	1.2	22

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109	Determination of the penetration depth of type II superconducting films. IEEE Transactions on Magnetism, 1985, 21, 551-554.	1.2	12
110	Niobium nitride thin films for use in Josephson junctions. IEEE Transactions on Magnetism, 1985, 21, 505-508.	1.2	24
111	de Haas-van Alphen frequencies and upper critical field anisotropy in Nb <sub>3</sub> Sn. Journal of Physics F: Metal Physics, 1985, 15, 297-316.	1.6	17
112	Upper Critical Magnetic Field of the Heavy-Fermion Superconductor UBe <sub>13</sub> . Physical Review Letters, 1985, 54, 477-480.	2.9	161
113	Tunneling and neutron scattering experiments on Al <sub>1.5</sub> V <sub>3</sub> Si. Physical Review B, 1985, 31, 6066-6069.	1.1	11
114	Superconductivity in inhomogeneous (Mo,Rh)B glasses. Journal of Applied Physics, 1985, 58, 1910-1915.	1.1	6
115	High magnetic field transport properties of liquid quenched Nb <sub>3</sub> Al and Nb <sub>3</sub> Al(Si,Ge) superconducting compounds. Applied Physics Letters, 1985, 47, 640-642.	1.5	27
116	Effect of pressure on spin fluctuations and superconductivity in heavy-fermion UPt <sub>3</sub> . Physical Review B, 1985, 31, 1654-1657.	1.1	90
117	Low-temperature magnetization study of U <sub>6</sub> X (X=Mn,Fe,Co,Ni) compounds. Physical Review B, 1985, 31, 7059-7076.	1.1	52
118	Degradation of superconductivity in Al <sub>1.5</sub> V <sub>3</sub> Si by explosive compression. Physical Review B, 1985, 31, 2704-2706.	1.1	14
119	Localized magnetic moments on chromium and manganese dopant atoms in niobium and vanadium. Physical Review B, 1985, 31, 3003-3014.	1.1	16
120	New spin-fluctuation system: U <sub>0.5</sub> Th <sub>0.5</sub> Al <sub>3</sub> . Physical Review B, 1985, 32, 3010-3013.	1.1	8
121	Theory of Fermi-liquid effects in high-field tunneling. Physical Review B, 1985, 31, 5811-5825.	1.1	134
122	Origin of the $B_c^2$ enhancement in ternary Nb-Sn phases. IEEE Transactions on Magnetism, 1985, 21, 1140-1143.	1.2	20
123	Electronic phase transition and partially gapped Fermi surface in superconducting Lu <sub>5</sub> Ir <sub>4</sub> Si <sub>10</sub> . Physical Review B, 1986, 34, 4590-4594.	1.1	77
124	Superconducting critical temperatures, critical magnetic fields, lattice parameters, and chemical compositions of $\delta$ -bulk pure and alloyed Nb <sub>3</sub> Sn produced by the bronze process. Journal of Applied Physics, 1986, 59, 840-853.	1.1	117
125	Superconductivity in amorphous Cr films. Solid State Communications, 1986, 60, 735-737.	0.9	4
126	Thin-film preparation, superconductivity and transport properties of the heavy-fermion system CeCu <sub>2</sub> Si <sub>2</sub> . Solid State Communications, 1986, 58, 45-49.	0.9	19



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127	Superconducting and electrical properties of amorphous zirconium-transition metal binary alloys. Journal of Materials Science, 1986, 21, 1258-1268.	1.7	24
128	On the microscopic interaction in the Chevrel compounds Cu <sub>2</sub> Mo <sub>6</sub> S <sub>8</sub> and Mo <sub>6</sub> Se <sub>8</sub> . Journal of Low Temperature Physics, 1986, 63, 1-22.	0.6	10
129	Critical temperature profile determination using a modified London equation for inhomogeneous superconductors. Journal of Low Temperature Physics, 1986, 63, 35-55.	0.6	14
130	Magnetoresistance of the heavy fermion superconductor UPt <sub>3</sub> near T <sub>c</sub> . Journal of Magnetism and Magnetic Materials, 1986, 54-57, 385-386.	1.0	7
131	The critical fields of the magnetic superconductor Y <sub>9</sub> Co <sub>7</sub> . Journal of Magnetism and Magnetic Materials, 1986, 54-57, 1525-1526.	1.0	10
132	Upper critical fields of chromium-rhenium alloys. European Physical Journal B, 1986, 63, 179-184.	0.6	11
133	Superconductivity and magnetic order in a strongly interacting fermi-system: URu <sub>2</sub> Si <sub>2</sub> . European Physical Journal B, 1986, 62, 171-177.	0.6	483
134	Structure property correlations in superconducting Ti-Nb alloys. Pramana - Journal of Physics, 1986, 26, 513-524.	0.9	8
135	The determination of contact temperature in microcontact spectroscopy. Journal of Physics F: Metal Physics, 1986, 16, L249-L253.	1.6	2
136	The upper critical field of imperfect A15 superconductors. Journal of Physics F: Metal Physics, 1986, 16, L205-L210.	1.6	1
137	Anisotropic electrical resistivity of the magnetic heavy-fermion superconductor URu <sub>2</sub> Si <sub>2</sub> . Physical Review B, 1986, 33, 6527-6530.	1.1	181
138	Upper critical fields of superconducting Nb <sub>3</sub> Ge films. Journal of Applied Physics, 1986, 59, 975-977.	1.1	8
139	Strong-coupling theory of the upper critical magnetic field H <sub>c2</sub> . Physical Review B, 1986, 33, 6123-6131.	1.1	71
140	Penetration depth of V <sub>3</sub> Si. Physical Review B, 1986, 33, 3509-3511.	1.1	19
141	Upper critical field and heat capacity in the reentrant superconducting system (Lu <sub>1-x</sub> Er <sub>x</sub> )RuB <sub>2</sub> . Physical Review B, 1986, 33, 1671-1679.	1.1	9
142	A study of conduction electron scattering in magnetic metals by microcontact spectroscopy. Journal of Physics C: Solid State Physics, 1987, 20, 4855-4871.	1.5	2
143	Superconductivity Transition and Crystal Structure of the High-T <sub>c</sub> and High-H <sub>c2</sub> Superconductor DyBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . Japanese Journal of Applied Physics, 1987, 26, L1023-L1025.	0.8	28
144	Superconducting Upper Critical Field H <sub>c2</sub> of High-T <sub>c</sub> Y-Ba-Cu-O Compound System. Japanese Journal of Applied Physics, 1987, 26, L668-L670.	0.8	13

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145	Transport Properties of $\text{YBa}_2\text{Cu}_3\text{O}_7$ : Resistivity, Thermal Conductivity, Thermopower and Hall Effect. <i>Europhysics Letters</i> , 1987, 4, 1183-1188.	0.7	100
146	Superconducting properties of powder metallurgically processed Ti alloyed $\text{Nb}_3\text{Sn}$ microcomposites. <i>Journal of Applied Physics</i> , 1987, 62, 1937-1942.	1.1	5
147	Theory of disorder-induced increase and degradation of superconducting $T_c$ . <i>Physical Review B</i> , 1987, 36, 47-53.	1.1	38
148	Magnetization of superconducting lanthanum copper oxides. <i>Physical Review B</i> , 1987, 35, 5319-5322.	1.1	131
149	Critical currents of ion-beam sputtered amorphous beryllium thin films and their application to an Abrikosov vortex memory. <i>Journal of Applied Physics</i> , 1987, 62, 212-215.	1.1	8
150	Specific heat of thin-film $\text{Al}_1\text{S}$ superconductors: An anomalous inhomogeneity discovered. <i>Physical Review B</i> , 1987, 36, 107-120.	1.1	18
151	Properties of $\text{La}_{1.8}\text{Sr}_{0.2}\text{CuO}_4$ superconductors. <i>Applied Physics Letters</i> , 1987, 50, 1104-1106.	1.5	51
152	Upper critical field for a high- $T_c$ electron-phonon superconductor: Regime of $T_c \propto 1/n^{1/4}$ . <i>Physical Review B</i> , 1987, 36, 3633-3637.	1.1	27
153	Magnetism and critical fields in the high- $T_c$ superconductors $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ ( $x=0, \hat{A}1$ ): An ESR study. <i>Physical Review B</i> , 1987, 36, 4028-4031.	1.1	129
154	Weak localization in superconductors: A study of radiation-damaged $\text{Nb}_3\text{Ir}$ . <i>Physical Review B</i> , 1987, 35, 8405-8412.	1.1	15
155	Effect of compositional variation and annealing in oxygen on superconducting properties of $\text{Y}_{1-x}\text{Ba}_x\text{Cu}_3\text{O}_{8-y}$ . <i>Physical Review B</i> , 1987, 35, 8774-8777.	1.1	76
156	dc electrical resistivity and upper critical magnetic field of superconducting ternary silicides and germanides with the $\text{Sc}_5\text{Co}_4\text{Si}_{10}$ -type structure. <i>Physical Review B</i> , 1987, 35, 4673-4676.	1.1	18
157	High-magnetic-field study of superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physical Review B</i> , 1987, 36, 8329-8332.	1.1	17
158	Field penetration into proximity-coupled superconducting multilayers. <i>Physical Review B</i> , 1987, 35, 415-418.	1.1	9
159	Upper critical fields of high- $T_c$ superconducting $\text{Y}_{2-x}\text{Ba}_x\text{CuO}_4$ . <i>Physical Review B</i> , 1987, 35, 7249-7251.	1.1	95
160	High-field measurements on the high- $T_c$ superconductors $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . <i>Physical Review B</i> , 1987, 36, 5279-5283.	1.1	34
161	Upper critical field of V-Ag multilayered superconductors. <i>Physical Review B</i> , 1987, 35, 6736-6748.	1.1	37
162	Heat capacity of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ at the superconducting transition temperature. <i>Physical Review B</i> , 1987, 36, 2398-2400.	1.1	95

#	ARTICLE	IF	CITATIONS
163	Effect of magnetic impurities on high-temperature superconductivity in $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ . <i>Physical Review B</i> , 1987, 36, 5258-5262.	1.1	11
164	Upper critical fields of high- $T_c$ superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ : Possibility of 140 tesla. <i>Physical Review B</i> , 1987, 35, 5347-5349.	1.1	60
165	Comment on "Bulk Superconductivity at 91 K in Single-Phase Oxygen-Deficient Perovskite $\text{Ba}_2\text{YCu}_3\text{O}_{9-\delta}$ ". <i>Physical Review Letters</i> , 1987, 59, 2615-2615.	2.9	39
166	Microstructure, dimensionality, and depression of the transition temperature in disordered superconducting films. <i>Physical Review Letters</i> , 1987, 58, 1131-1134.	2.9	19
167	Critical Field Measurements on Superconducting Graphite-KHG Multilayers. <i>Materials Research Society Symposia Proceedings</i> , 1987, 103, 295.	0.1	0
168	Possibility of a Very High Upper Critical Field of the New High $T_c$ Superconductor $\text{LaBaCu}$ Oxide. <i>Journal of the Physical Society of Japan</i> , 1987, 56, 1309-1311.	0.7	5
169	Specific heat and electrical resistivity of the superconducting metallic glass $\text{Fe}_{20}\text{Zr}_{80}$ . <i>Journal of Physics F: Metal Physics</i> , 1987, 17, 2085-2095.	1.6	5
170	Superconductivity above 90 K in the compound $\text{YBa}_2\text{Cu}_3\text{O}_x$ : Structural, transport, and magnetic properties. <i>Physical Review B</i> , 1987, 35, 7242-7244.	1.1	216
171	$\text{Nb}$ -based A15 compound Josephson tunnel junctions fabricated using a $\text{CF}_4$ cleaning process: II. Properties of magnetron-sputtered $\text{Nb}_3\text{X}$ ( $\text{X}=\text{Al}, \text{Ge}$ ) films. <i>Journal of Applied Physics</i> , 1987, 61, 670-680.	1.1	3
172	HIGH-FIELD SUPERCONDUCTIVITY IN $\text{U}_6\text{Fe}$ AND $\text{U}_6\text{Co}$ . , 1987, , 478-480.		0
173	$\text{UPt}_3$ , heavy fermions and superconductivity. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , 1987, 147, 81-160.	0.9	128
174	Penetration depths of superconducting $\text{U}_6\text{X}$ ( $\text{X} = \text{Fe}, \text{Co}, \text{Mn}$ ). <i>Solid State Communications</i> , 1987, 61, 101-103.	0.9	10
175	Comparative critical field study of superconducting ternary borides. <i>Journal of Low Temperature Physics</i> , 1987, 68, 147-157.	0.6	32
176	Magnetic field-induced superconductivity in the ferromagnetic state of $\text{HoMo}_6\text{S}_8$ . <i>Journal of Low Temperature Physics</i> , 1987, 69, 419-450.	0.6	20
177	Changes of $T_c$ , $J_c$ , $B_{c2}$ and the lattice parameter of the $\text{Nb}_3\text{Sn}$ phase formed at the initial stage of growth in a multifilamentary superconductive wire. <i>Journal of Materials Science</i> , 1987, 22, 775-780.	1.7	11
178	Magnetic properties of heavy-fermion superconductors. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , 1987, 147, 1-80.	0.9	120
179	On the Anderson localization and "universal degradation" of the critical temperature in superconductors. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1987, 124, 195-197.	0.9	4
180	Variation of electronic properties and evidence for a reversible defect induced metal to semiconductor transition in $\text{PbMo}_6\text{S}_8$ observed by ion irradiation and subsequent annealing of thin films. <i>European Physical Journal B</i> , 1987, 67, 75-87.	0.6	4

#	ARTICLE	IF	CITATIONS
181	Critical magnetic fields and specific heats of heavy fermion superconductors. Journal of Magnetism and Magnetic Materials, 1987, 63-64, 447-454.	1.0	35
182	High-field superconductivity in U <sub>6</sub> Fe and U <sub>6</sub> Co. Journal of Magnetism and Magnetic Materials, 1987, 63-64, 478-480.	1.0	17
183	Effect of atomic ordering and composition changes on the electrical resistivity of Nb <sub>3</sub> Al, Nb <sub>3</sub> Sn, Nb <sub>3</sub> Ge, Nb <sub>3</sub> Ir, V <sub>3</sub> Si and V <sub>3</sub> Ga. IEEE Transactions on Magnetics, 1987, 23, 980-983.	1.2	29
184	Critical fields and spin polarized tunneling measurements of very thin V <sub>3</sub> Ga films. IEEE Transactions on Magnetics, 1987, 23, 948-951.	1.2	2
185	Computer modeling of magnetic flux pinning by grain boundaries in high-field superconductors. IEEE Transactions on Magnetics, 1987, 23, 1168-1171.	1.2	1
186	Formation, properties, and ion irradiation effects of hexagonal structure MoN thin films. IEEE Transactions on Magnetics, 1987, 23, 1014-1018.	1.2	19
187	Transport mechanisms in a microparticle conductor. IEEE Transactions on Magnetics, 1987, 23, 1367-1371.	1.2	10
188	Ion-beam deposition of NbN <sub>x</sub> C <sub>y</sub> thin films for microelectronic applications. IEEE Transactions on Magnetics, 1987, 23, 839-842.	1.2	2
189	N-ion irradiation studies of VN thin films. Nuclear Instruments & Methods in Physics Research B, 1987, 19-20, 167-170.	0.6	5
190	Influence of Pauli paramagnetic limiting on H <sub>c2</sub> of anisotropic superconductors. Solid State Communications, 1988, 67, 293-296.	0.9	2
191	Normal and superconducting properties of EuMo <sub>6</sub> S <sub>8</sub> in high magnetic fields. Journal of Low Temperature Physics, 1988, 73, 283-303.	0.6	9
192	Resistivity as a function of composition in the superconducting Nb-Pt A15 phase. Journal of Low Temperature Physics, 1988, 70, 449-457.	0.6	1
193	Specific heat of the high-T <sub>c</sub> oxide superconductors. Journal of Superconductivity and Novel Magnetism, 1988, 1, 231-294.	0.5	102
194	Upper Critical Fields of the High-T <sub>c</sub> Superconductor YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> : Possibility of 350 T. Physica Status Solidi (B): Basic Research, 1988, 146, K103.	0.7	3
195	Superconducting and normal state properties of Sr <sub>0.15</sub> La <sub>1.85</sub> CuO <sub>4</sub> determined from magnetization measurements. Solid State Communications, 1988, 65, 849-853.	0.9	3
196	Ginzburg-Landau theory, strong coupling corrections and exchange enhancements: Can spin fluctuations give high T <sub>c</sub> 's?. Solid State Communications, 1988, 66, 975-978.	0.9	5
197	Upper critical magnetic field measurements in RBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> (R=rareearth) compounds. Physica C: Superconductivity and Its Applications, 1988, 152, 293-301.	0.6	16
198	Anisotropy effects in the A-15 superconductor Nb <sub>3</sub> Sn. Physica C: Superconductivity and Its Applications, 1988, 156, 701-706.	0.6	13

#	ARTICLE	IF	CITATIONS
199	The experimental evidence of 90 K superconductivity arising from the phonon mechanism. <i>Physica C: Superconductivity and Its Applications</i> , 1988, 153-155, 162-163.	0.6	0
200	Superconducting properties of amorphous MoX (X=Si, Ge) alloy films for Abrikosov vortex memory. <i>Journal of Applied Physics</i> , 1988, 63, 2033-2045.	1.1	25
201	Effects of ion irradiation on the normal state and superconducting properties of NbN thin films. <i>Physical Review B</i> , 1988, 38, 2354-2361.	1.1	20
202	Effects of doping on the electronic properties of NbSe <sub>3</sub> . <i>Physical Review B</i> , 1988, 38, 10468-10475.	1.1	3
203	Superconducting properties of VN <sub>x</sub> sputtered films including spin fluctuations and radiation damage of stoichiometric VN. <i>Physical Review B</i> , 1988, 38, 2333-2341.	1.1	30
204	Magnetic field dependence of the resistivity and susceptibility of the above-100-K Bi-Sr-Ca-Cu superconductor. <i>Physical Review B</i> , 1988, 38, 7101-7104.	1.1	4
205	Magnetization and peak effect of several single crystals of V <sub>3</sub> Si. <i>Physical Review B</i> , 1988, 38, 4457-4464.	1.1	45
206	Upper critical magnetic field of superconductors with a dielectric gap on the Fermi-surface sections. <i>Physical Review B</i> , 1988, 38, 297-306.	1.1	35
207	Upper critical fields of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> with 60 and 90 K superconductivity and the weak link effect in the system. <i>Journal of Applied Physics</i> , 1988, 64, 4624-4626.	1.1	10
208	Superconductivity and structure in sputtered Nb-Ta multilayers. <i>Physical Review B</i> , 1988, 37, 60-67.	1.1	20
209	A study of the H <sub>c2</sub> enhancement due to the addition of Ti to the matrix of bronze-processed Nb <sub>3</sub> Sn superconductors. <i>Journal of Applied Physics</i> , 1988, 63, 2167-2170.	1.1	18
210	Upper bound on strong-coupling corrections to the second upper critical field. <i>Physical Review B</i> , 1988, 37, 9318-9324.	1.1	5
211	Magnetic properties of superconducting BiSrCaCu <sub>2</sub> O <sub>x</sub> . <i>Journal of Physics C: Solid State Physics</i> , 1988, 21, 6153-6157.	1.5	4
212	Preparation, characterization, and superconducting properties of tetragonal LaBaCaCu <sub>3</sub> O <sub>7+<math>\delta</math></sub> . <i>Physical Review B</i> , 1989, 39, 9074-9079.	1.1	41
213	Heat capacity and transport measurements in sputtered niobium-zirconium multilayers. <i>Physical Review B</i> , 1989, 40, 2321-2326.	1.1	4
214	Pauli limiting of the upper critical magnetic field. <i>Physical Review B</i> , 1989, 39, 4210-4216.	1.1	38
215	Upper critical field and normal-state properties of single-phase Y <sub>1-x</sub> Pr <sub>x</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> compounds. <i>Physical Review B</i> , 1989, 40, 4517-4526.	1.1	309
216	Extraordinary effect of aluminum substitution on the upper critical field of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> . <i>Physical Review B</i> , 1989, 39, 2932-2935.	1.1	26

#	ARTICLE	IF	CITATIONS
217	Evidence for spin fluctuations in vanadium from a tunneling study of Fermi-liquid effects. Physical Review B, 1989, 40, 8705-8713.	1.1	16
218	Tunneling study of Fermi-liquid effects in amorphous gallium. Physical Review B, 1989, 40, 137-147.	1.1	11
219	Scaling law and flux pinning in polycrystalline $\text{La}_{1.85}\text{Sr}_{0.15}\text{CuO}_4$ . Physical Review B, 1989, 40, 8818-8827.	1.1	10
220	Microstructure and Superconductivity in Epitaxial MgO/NbN Multilayers. Japanese Journal of Applied Physics, 1989, 28, 1367-1372.	0.8	15
221	An EPR investigation of the high- $T_c$ superconductor $\text{YBa}_{1.9}\text{Na}_{0.1}\text{Cu}_3\text{O}_{7-\delta}$ . Journal of Physics Condensed Matter, 1989, 1, 9499-9508.	0.7	7
222	All-NbN nanobridges for DC SQUID application produced by field emission. Electronics and Communications in Japan, 1989, 72, 96-102.	0.2	0
223	A current controlled variable delay superconducting transmission line. IEEE Transactions on Magnetics, 1989, 25, 1388-1391.	1.2	47
224	High magnetic field studies of $\text{YBa}_2/\text{Cu}_3/\text{O}_7$ and $\text{NdBa}_2/\text{Cu}_3/\text{O}_7$ single crystals. IEEE Transactions on Magnetics, 1989, 25, 2311-2313.	1.2	2
225	EPR of polycrystalline high- $T_c$ superconductor $\text{YBa}_{1.9}\text{K}_{0.1}\text{Cu}_3\text{O}_{7-\delta}$ . Solid State Communications, 1989, 72, 1207-1212.	0.9	3
226	Electron paramagnetic resonance of the high- $T_c$ superconductor $\text{Y}_{0.9}\text{Er}_{0.1}\text{Ba}_{1.9}\text{Sr}_{0.1}\text{Cu}_3\text{O}_{7-\delta}$ . Solid State Communications, 1989, 72, 117-123.	0.9	7
227	Magnetoresistance and upper critical field of single-crystal 123-compounds under pulsed high magnetic field. Journal of Magnetism and Magnetic Materials, 1990, 90-91, 681-682.	1.0	1
228	Properties of boson-exchange superconductors. Reviews of Modern Physics, 1990, 62, 1027-1157.	16.4	1,233
229	A study of the heat capacity of the superconductor $\text{EuBa}_2\text{Cu}_3\text{O}_{7-x}$ . Physica C: Superconductivity and Its Applications, 1990, 165, 385-390.	0.6	6
230	Critical current density and flux shear mechanisms. Cryogenics, 1990, 30, 678-685.	0.9	5
231	Positive curvature in the upper critical field of heavy fermion superconductors. Physica B: Condensed Matter, 1990, 163, 499-503.	1.3	12
232	Matter-wave interferometry for back-action-evading measurement of optical energy density. Physical Review A, 1990, 42, 2935-2943.	1.0	4
233	Anisotropic superconductivity in $\text{C}_4\text{K}_4\text{Hg}$ . Physical Review B, 1990, 41, 71-81.	1.1	23
234	Upper critical field in superconductors and the uncertainty principle: Upper limit to the maximum slope of $H_{c2}$ . Physical Review B, 1990, 42, 934-935.	1.1	2

#	ARTICLE	IF	CITATIONS
235	Theory of Type-II Superconductivity. Graduate Texts in Contemporary Physics, 1990, , 29-59.	0.2	1
236	Irreversibility temperatures of Nb <sub>3</sub> Sn and Nb-Ti. Physical Review Letters, 1991, 66, 1777-1780.	2.9	130
237	Anomalies in the irreversibility line and upper critical field of the electron-doped superconductor Sm <sub>1.85</sub> Ce <sub>0.15</sub> CuO <sub>4-<math>\delta</math></sub> . Physica C: Superconductivity and Its Applications, 1991, 184, 378-384.	0.6	30
238	Direct determination of electronic density of states N $\tilde{\nu}$ ...(EF) for Nb <sub>3</sub> Sn from upper critical field HC <sub>2</sub> and resistivity $\rho_{\pm}$ . Physica C: Superconductivity and Its Applications, 1991, 185-189, 2709-2710.	0.6	7
239	Fusion neutron irradiation effects in commercial Nb <sub>3</sub> Sn superconductors. Journal of Nuclear Materials, 1991, 179-181, 1127-1130.	1.3	10
240	Quasiclassical theory of the upper critical field of high-field superconductors. Application to momentum-dependent scattering. Journal of Low Temperature Physics, 1991, 84, 381-464.	0.6	45
241	Surface-impedance measurements of superconducting NbN films. Physical Review B, 1991, 43, 7655-7663.	1.1	62
242	Fabrication, characterization, and theoretical analysis of high- $T_c$ Ba $\tilde{\nu}$ Cu $\tilde{\nu}$ O superconducting films prepared by a chemical sol gel method. Journal of Applied Physics, 1991, 70, 1580-1590.	1.1	19
243	Competition between superconductivity and charge-density waves in the pseudoternary system (Lu $\tilde{\nu}$ xScx)5Ir <sub>4</sub> Si <sub>10</sub> . Physical Review B, 1991, 43, 7681-7687.	1.1	29
244	Critical magnetic fields in the superconducting state of K <sub>3</sub> C <sub>60</sub> . Physical Review Letters, 1991, 67, 271-274.	2.9	186
245	Theory of the upper critical field in graphite intercalation compounds. Physical Review B, 1991, 44, 10248-10255.	1.1	14
246	Experimental observations of electronic structures for ternary metallic glasses of (Cu $\tilde{\nu}$ xNix) <sub>33</sub> Zr <sub>67</sub> . Physical Review B, 1991, 44, 9652-9655.	1.1	4
247	Properties and Defects of Type II Superconductors. MRS Bulletin, 1991, 16, 37-41.	1.7	3
248	Superconductivity in Th <sub>3</sub> Ni <sub>3</sub> Sn <sub>4</sub> . Journal of the Physical Society of Japan, 1992, 61, 684-691.	0.7	11
249	Enlargement of Kinetic Inductance of NbN Superconducting Thin Films for Device Applications. Japanese Journal of Applied Physics, 1992, 31, 1033-1038.	0.8	6
250	Dependence of Magnetic Field Penetration Depth on Resistivity and Critical Temperature inc-Axis-Oriented YBaCuO Thin Films. Japanese Journal of Applied Physics, 1992, 31, L1027-L1030.	0.8	3
251	Specific-heat jump at T <sub>c</sub> and normal-state magnetic susceptibility of A <sub>3</sub> C <sub>60</sub> . Physical Review Letters, 1992, 69, 1687-1690.	2.9	149
252	Measurements of the upper critical field of K <sub>3</sub> C <sub>60</sub> and Rb <sub>3</sub> C <sub>60</sub> powders to 60 T. Physical Review B, 1992, 46, 14936-14939.	1.1	31

#	ARTICLE	IF	CITATIONS
253	Superconducting transition temperature enhancement in $\text{YBa}_2\text{Cu}_3\text{O}_7$ by chemical substitution and the implications thereof for the upper critical magnetic field. <i>Applied Physics Letters</i> , 1992, 61, 1852-1854.	1.5	19
254	Superconducting properties and normal state resistivity of single crystal NbN films prepared by a reactive magnetron sputtering method. <i>Applied Physics Letters</i> , 1992, 60, 1624-1626.	1.5	60
255	Upper-critical-field temperature phase diagram of alkali-metal-intercalated $\text{C}_6\text{O}$ superconductors. <i>Physical Review B</i> , 1992, 46, 5880-5882.	1.1	35
256	High anisotropy and a dimensionality crossover in the irreversibility behavior of oxygen-deficient $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$ . <i>Physical Review B</i> , 1992, 45, 10071-10074.	1.1	47
257	Superconductivity in $\text{LaGa}_2$ . <i>Journal of the Physical Society of Japan</i> , 1992, 61, 395-396.	0.7	12
258	Chapter 5: The Specific Heat of High-TC Superconductors. <i>Progress in Low Temperature Physics</i> , 1992, 13, 267-357.	0.2	29
259	Upper critical field $H_{c2}$ of single-crystal $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_7$ . <i>Physical Review B</i> , 1992, 45, 10609-10615.	1.1	40
260	Superconductivity and magnetic properties in $\text{Pr}_{0.2}\text{Yb}_{0.8-x}\text{La}_x\text{Ba}_2\text{Cu}_3\text{O}_7$ . <i>European Physical Journal B</i> , 1992, 88, 1-4.	0.6	10
261	Flux-locked current source reference. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1993, 42, 186-190.	2.4	3
262	Enhancement of $T_c$ in $\text{YBa}_2\text{Cu}_3\text{O}_7$ by chemical substitution in bulk and thin film materials: Implications for the upper critical magnetic field. <i>Applied Superconductivity</i> , 1993, 1, 1279-1288.	0.5	1
263	Scaling laws for the critical current density of NbN films in high magnetic fields. <i>IEEE Transactions on Applied Superconductivity</i> , 1993, 3, 1246-1252.	1.1	3
264	Propagation of ultrashort electrical pulses on microstriplines with submicron dielectrics. <i>Applied Physics Letters</i> , 1993, 62, 2775-2777.	1.5	0
265	Enhanced superconductivity in Zr[ $\text{sbnd}$ ]Ce dilute alloys. <i>Philosophical Magazine Letters</i> , 1993, 68, 231-236.	0.5	1
266	Magnetic properties, Mössbauer measurements, and specific-heat studies of $\text{La}_2\text{MCu}_2\text{O}_6$ (M=Ca or Sr) compounds. <i>Physical Review B</i> , 1993, 47, 12190-12196.	1.1	13
267	Upper critical field of gold-doped $\text{YBa}_2\text{Cu}_3\text{O}_7$ . <i>Physical Review B</i> , 1993, 47, 6177-6179.	1.1	2
268	Heat capacity of $\text{YBa}_2\text{Cu}_3\text{O}_7$ crystals along the $H_{c2}$ line. <i>Physical Review B</i> , 1993, 47, 1053-1063.	1.1	31
269	Magnetic penetration depth and critical current in $\text{YBaCuO}$ thin films. <i>IEEE Transactions on Applied Superconductivity</i> , 1993, 3, 2961-2964.	1.1	14
270	Kinetic Inductance of Superconducting Coplanar Waveguides. <i>Japanese Journal of Applied Physics</i> , 1994, 33, 5708-5712.	0.8	39



#	ARTICLE	IF	CITATIONS
271	Proximity Effect in NbCO.3NO.7/Au Bilayers Observed by Low-Temperature Scanning Tunneling Microscopy. Journal of the Physical Society of Japan, 1994, 63, 3098-3106.	0.7	4
272	Effects of hydrogen doping on UPd2Al3. Physical Review B, 1994, 50, 9948-9951.	1.1	5
273	Specific heat and critical field of LuNi2B2C. Physical Review B, 1994, 50, 3485-3486.	1.1	28
274	Modified two-fluid model for superconductor surface impedance calculation. IEEE Transactions on Applied Superconductivity, 1994, 4, 136-142.	1.1	19
275	Fluctuation effects and mixed-state properties of the layered organic superconductors $\text{I}^{\text{B}}\text{-(BEDT-TTF)}_2\text{Cu(NCS)}_2$ and $\text{I}^{\text{B}}\text{-(BEDT-TTF)}_2\text{Cu[N(CN)}_2\text{]Br}$ . Physical Review B, 1994, 49, 15227-15234.	1.1	88
276	Superconductivity in layered Nb/Gd films. Physical Review B, 1994, 49, 4053-4063.	1.1	134
277	Superconducting properties and preferred orientations of epitaxial growth in V/Cr multilayers. Physica C: Superconductivity and Its Applications, 1994, 226, 293-300.	0.6	3
278	Superconductivity in Y-Ni-B base compounds. Physica C: Superconductivity and Its Applications, 1994, 227, 85-94.	0.6	70
279	Spin-polarized electron tunneling. Physics Reports, 1994, 238, 173-243.	10.3	1,041
280	Upper critical magnetic field of a type II superconductor. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 192, 285-288.	0.9	0
281	Upper critical magnetic field and specific heat studies of LaCu. Solid State Communications, 1994, 92, 181-184.	0.9	1
282	Magnetic penetration depth in V3Si and LiTi2O4 measured by $^{17}\text{O}$ NMR. Hyperfine Interactions, 1994, 86, 615-621.	0.2	9
283	Fermi-liquid behavior in the electrical resistivity of $\text{K}_3\text{C}_6\text{O}$ and $\text{Rb}_3\text{C}_6\text{O}$ . Physical Review B, 1994, 50, 3462-3465.	1.1	37
284	Chapter 133 High pressure studies of physical properties of anomalous Ce, Yb and U compounds. Fundamental Theories of Physics, 1994, 19, 383-478.	0.1	35
285	Importance of phase fluctuations in superconductors with small superfluid density. Nature, 1995, 374, 434-437.	13.7	1,869
286	Negative charge carriers in the 90 K plateau of $\text{REBa}_2\text{Cu}_3\text{O}_{7-x}$ . Physica C: Superconductivity and Its Applications, 1995, 244, 54-62.	0.6	10
287	Electronic structure parameters of $\text{Sm}_{1-x}\text{Ba}_2\text{Cu}_3\text{O}_y$ solid solution of orthorhombic and tetragonal structure. Physica C: Superconductivity and Its Applications, 1995, 254, 331-341.	0.6	20
288	Superconductivity and magnetism in the $\text{Sc}_5\text{Dy}_x\text{Ir}_4\text{Si}_{10}$ system. Physical Review B, 1995, 51, 8398-8403.	1.1	10

#	ARTICLE	IF	CITATIONS
289	Surface impedance measurements of superconducting V3Si films by a microstrip resonator technique. Journal of Applied Physics, 1995, 78, 1862-1865.	1.1	7
290	Microscopic Description of the Vortex State near the Upper Critical Field. Physical Review Letters, 1995, 75, 1376-1379.	2.9	10
291	Heat-capacity studies in the $Y_{5-x}Dy_xOs_4Ge_{10}$ system. Physical Review B, 1995, 51, 11656-11663.	1.1	6
292	Magnetism and superconductivity in $RPtSi$ ( $R=La, Ce, Nd, \text{ and } Sm$ ). Physical Review B, 1995, 52, 6784-6795.	1.1	37
293	Influence of neutron irradiation damage on the equilibrium properties of the polycrystalline $Bi_{1.8}Pb_{0.3}Sr_2Ca_2Cu_3O_{10}$ superconductor. Physical Review B, 1995, 51, 8551-8559.	1.1	9
294	Superconductivity in spinel-type compounds $CuRh_2S_4$ and $CuRh_2Se_4$ . Physical Review B, 1995, 51, 12673-12684.	1.1	82
295	Superconductivity and magnetism in the $La_{2-x}Nd_xRh_3Si_5$ system. Physical Review B, 1995, 52, 9679-9690.	1.1	10
296	Oscillatory magnetic coupling between metallic multilayers across superconducting spacers. Journal of Physics Condensed Matter, 1995, 7, 5239-5269.	0.7	17
297	Thermal expansion in single crystals of $\beta$ -(BEDT-TTF) $_2Cu(NCS)_2$ in magnetic fields up to 6 tesla. Synthetic Metals, 1995, 70, 949-950.	2.1	18
298	High-field magnets and high-field superconductors. IEEE Transactions on Applied Superconductivity, 1995, 5, 121-140.	1.1	7
299	Evaluation of magnetic penetration depth and surface resistance of superconducting thin films using coplanar waveguides. IEEE Transactions on Applied Superconductivity, 1995, 5, 1979-1982.	1.1	11
300	Upper critical field study of alkali-metal and Ba-doped fullerenes. Synthetic Metals, 1996, 77, 23-25.	2.1	4
301	Enhancement of superconductivity in relaxed Fe-Zr metallic glasses. Journal of Non-Crystalline Solids, 1996, 205-207, 692-695.	1.5	7
302	The impact of tailored defects on length scales and current conduction in high- $T_c$ superconductors. , 1996, , 321-335.		1
303	Equilibrium magnetic studies of Hg-based high- $T_c$ superconductors. European Physical Journal D, 1996, 46, 1599-1600.	0.4	0
304	Intrinsic superconducting parameters of $YNi_2B_2C$ . Physica B: Condensed Matter, 1996, 223-224, 109-111.	1.3	6
305	Strain effect on the critical temperatures of superconducting $Nb_3Ge$ tapes. Cryogenics, 1996, 36, 579-588.	0.9	0
306	Superconducting properties and crystal structures of single-crystal niobium nitride thin films deposited at ambient substrate temperature. Journal of Applied Physics, 1996, 79, 7837-7842.	1.1	194

#	ARTICLE	IF	CITATIONS
307	Comparative study of the characteristic length scales and fields of Hg-based high-T <sub>c</sub> superconductors. Physical Review B, 1996, 54, 7505-7511.	1.1	19
308	Flux-pinning mechanism of proximity-coupled planar defects in conventional superconductors: Evidence that magnetic pinning is the dominant pinning mechanism in niobium-titanium alloy. Physical Review B, 1996, 53, 6638-6652.	1.1	54
309	Superconductivity in heavy-fermion CeRh <sub>2</sub> Si <sub>2</sub> . Physical Review B, 1996, 53, 8241-8244.	1.1	279
310	Anomalous superconducting properties in CeRu <sub>2</sub> : Effects of magnetic and nonmagnetic substitutions. Physical Review B, 1997, 55, 11100-11102.	1.1	14
311	Electrical resistivity and thermopower of single-crystal RNi <sub>2</sub> B <sub>2</sub> C (R=Dy, Ho, Er, Tm) magnetic superconductors. Physical Review B, 1997, 56, 437-445.	1.1	23
312	Superconductivity, magnetism, and their coexistence in R(Ni <sub>1-x</sub> Cox) <sub>2</sub> B <sub>2</sub> C (R=Lu, Tm, Er, Ho, Dy). Physical Review B, 1997, 55, 8497-8505.	1.1	42
313	Chapter 161 Amorphous, quasicrystalline and nanocrystalline alloys in Al- and Mg-based systems. Fundamental Theories of Physics, 1997, , 83-219.	0.1	8
314	Transport and superconducting properties of RNi <sub>2</sub> B <sub>2</sub> C (R=Y, nLu) single crystals. Physical Review B, 1997, 55, 8506-8519.	1.1	105
315	Generalized Fulde-Ferrell-Larkin-Ovchinnikov state in heavy-fermion and intermediate-valence systems. Zeitschrift für Physik B-Condensed Matter, 1997, 100, 369-380.	1.1	105
316	Specimen geometry effects on the irreversible magnetization in the low field regime for specimens of bulk Nb <sub>3</sub> Sn. Zeitschrift für Physik B-Condensed Matter, 1997, 102, 331-336.	1.1	11
317	Characteristic features of the exotic superconductors. Physics Reports, 1998, 296, 1-63.	10.3	57
318	A barrier to increasing the critical current density of bulk untextured polycrystalline superconductors in high magnetic fields. Physica C: Superconductivity and Its Applications, 1998, 296, 153-166.	0.6	24
319	Superconducting state parameters of C-16 structured Zr <sub>2</sub> Rh. Physica C: Superconductivity and Its Applications, 1998, 307, 245-253.	0.6	0
320	51V Knight shift in the superconducting state of V <sub>3</sub> Si. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 367-368.	1.0	0
321	Upper critical field of CeCu <sub>2</sub> Si <sub>2</sub> at very high pressure. Solid State Communications, 1998, 106, 631-636.	0.9	25
322	Interrelation of resistivity and inelastic electron-phonon scattering rate in impure NbC films. Physical Review B, 1998, 57, 15623-15628.	1.1	40
323	Interlayer coupling and superconducting properties of the triple-layer compound B <sub>0.6</sub> C <sub>0.4</sub> (Sr <sub>0.25</sub> Ba <sub>0.75</sub> ) <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>9</sub> . Physical Review B, 1998, 57, 8667-8670.	1.1	12
324	Coupling phenomena in superconducting Nb/Fe multilayers. Physical Review B, 1998, 57, 6029-6035.	1.1	58

#	ARTICLE	IF	CITATIONS
325	Weak Localization Effect in Superconductors. Modern Physics Letters B, 1998, 12, 763-773.	1.0	2
326	Superconducting properties and structure of vanadium after cryogenic deformation. Low Temperature Physics, 1998, 24, 201-204.	0.2	4
327	Elastic Anomalies and Acoustic de Haas-van Alphen Effects in Sr <sub>2</sub> RuO <sub>4</sub> . Journal of the Physical Society of Japan, 1998, 67, 3687-3690.	0.7	16
328	Measurements of the surface impedance at linear response. , 1999, , 43-102.		0
329	Flux Lattice Symmetry in V <sub>3</sub> Si: Nonlocal Effects in a High-T <sub>c</sub> Superconductor. Physical Review Letters, 1999, 82, 5112-5115.	2.9	48
330	Nb/sub 3/Sn films on sapphire. A promising alternative for superconductive microwave technology. IEEE Transactions on Applied Superconductivity, 1999, 9, 2496-2499.	1.1	11
331	Effect of a dimensional crossover on the upper critical field of practical Nb-Ti alloy superconductors. Journal of Applied Physics, 1999, 86, 5696-5704.	1.1	6
332	Pressure Dependence of the Upper Critical Field of the Heavy Fermion Superconductor UBe <sub>13</sub> . Physical Review Letters, 1999, 82, 169-172.	2.9	38
333	Fabrication of niobium-carbonitride Josephson junctions on magnesium-oxide substrates using chemical-mechanical polishing. IEEE Transactions on Applied Superconductivity, 1999, 9, 4464-4466.	1.1	9
334	Sample dependence of the normal state magnetic properties in CeRu <sub>2</sub> and possible correlations with the anomalous superconducting response. Physica B: Condensed Matter, 1999, 262, 20-30.	1.3	10
335	Strong coupling superconductivity in heavy fermion systems. Physica C: Superconductivity and Its Applications, 1999, 317-318, 73-81.	0.6	1
336	Temperature and frequency dependent surface impedance. , 1999, , 1-42.		0
337	Magnetic and superconducting properties of A <sub>7</sub> B <sub>3</sub> compounds (A=Th or La and B=Ni, Co, Fe or Pd, Rh,) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	16
338	Superconducting and magnetic properties of HgBa <sub>2</sub> Ca <sub>3</sub> Cu <sub>4</sub> O <sub>10+<math>\delta</math></sub> , CuBa <sub>2</sub> Ca <sub>3</sub> Cu <sub>4</sub> O <sub>10+<math>\delta</math></sub> , and B <sub>0.6</sub> C <sub>0.4</sub> (Sr <sub>0.25</sub> Ba <sub>0.75</sub> ) <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>9</sub> superconductors with T <sub>c</sub> above 115 K. Physica C: Superconductivity and Its Applications, 2000, 341-348, 379-382.	0.6	3
339	A study on the relation between the strain scaling law and the temperature scaling law on flux pinning in Nb <sub>3</sub> Sn superconducting wires. Cryogenics, 2000, 40, 287-294.	0.9	3
340	Transport Measurements of the Heavy Fermion Superconductor CeCu <sub>2</sub> Si <sub>2</sub> Under Pressure. Journal of Low Temperature Physics, 2000, 118, 113-126.	0.6	8
341	Superconducting and Magnetic Properties of Filled Skutterudite Compounds RERu <sub>4</sub> Sb <sub>12</sub> (RE=La, Ce, Pr,) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	182
342	Irreversibility fields of superconducting niobium alloys. Physical Review B, 2000, 61, 15429-15435.	1.1	13

#	ARTICLE	IF	CITATIONS
343	Comparative thermal-expansion study of $\text{f}^2\text{a}\epsilon^3\text{a}^{\sim}(\text{ET})_2\text{SF}_5\text{CH}_2\text{CF}_2\text{SO}_3$ and $\text{f}^2\text{a}\epsilon^3\text{a}^{\sim}(\text{ET})_2\text{Cu}(\text{NCS})_2$ : Uniaxial pressure coefficients of $T_c$ and upper critical fields. <i>Physical Review B</i> , 2000, 61, 11739-11744.	1.1	39
344	Upper critical field of Ti and $\text{TiAl}$ alloys: Evidence of an intrinsic type-II superconductivity in pure Ti. <i>Physical Review B</i> , 2000, 62, 8695-8698.	1.1	17
345	Weak-localization effect in superconductors from radiation damage. <i>Physical Review B</i> , 2000, 61, 14733-14741.	1.1	7
346	Superconducting and Normal State Properties of NiBi 3. <i>Journal of the Physical Society of Japan</i> , 2000, 69, 3017-3026.	0.7	54
347	Non-Fermi-liquid behavior in d- and f-electron metals. <i>Reviews of Modern Physics</i> , 2001, 73, 797-855.	16.4	1,437
348	Microwave Properties of Superconductors. , 2001, , 21-53.		1
349	Unconventional Superconductivity in $\text{CeIrIn}_5$ and $\text{CeCoIn}_5$ : Specific Heat and Thermal Conductivity Studies. <i>Physical Review Letters</i> , 2001, 86, 5152-5155.	2.9	399
350	Peak effect in the vortex state of $\text{V}_3\text{Si}$ : a study of history dependence. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 353, 29-37.	0.6	10
351	High critical current density and enhanced irreversibility field in superconducting $\text{MgB}_2$ thin films. <i>Nature</i> , 2001, 411, 558-560.	13.7	477
352	Magnetic properties of the layered superconductor $\text{Li}_{0.48}(\text{THF})_{0.3}\text{HfNiCl}$ with $T_c \approx 4.26\text{K}$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 330-332.	1.0	0
353	Electronic anisotropy, magnetic field-temperature phase diagram and their dependence on resistivity in c-axis oriented $\text{MgB}_2$ thin films. <i>Superconductor Science and Technology</i> , 2001, 14, 315-319.	1.8	157
354	The resistive anomaly and upward curvature of the perpendicular upper critical field in non-homogeneous superconductors. <i>Journal of Physics Condensed Matter</i> , 2001, 13, 3215-3221.	0.7	8
355	Influence of randomly oriented columnar defects on the irreversible and reversible magnetization of $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_x$ superconductor. <i>Superconductor Science and Technology</i> , 2001, 14, 666-671.	1.8	10
356	$^{51}\text{V}$ NMR and magnetic susceptibility study of the strong-coupling superconductor $\text{HfV}_2$ . <i>Physical Review B</i> , 2001, 64, .	1.1	8
357	Anisotropy and pressure dependence of the upper critical field of the ferromagnetic superconductor $\text{UGe}_2$ . <i>Physical Review B</i> , 2001, 64, .	1.1	59
358	Effects of La substitution on the superconducting state of $\text{CeCoIn}_5$ . <i>Physical Review B</i> , 2002, 66, .	1.1	58
359	Superconducting properties and c-axis superstructure of $\text{Mg}_{1-x}\text{Al}_x\text{B}_2$ . <i>Physical Review B</i> , 2002, 65, .	1.1	36
360	Core pinning by intragranular nanoprecipitates in polycrystalline $\text{MgCNi}_3$ . <i>Physical Review B</i> , 2002, 65, .	1.1	15

#	ARTICLE	IF	CITATIONS
361	Neutron irradiation of MgB <sub>2</sub> bulk superconductors. Superconductor Science and Technology, 2002, 15, L9-L12.	1.8	104
362	OPTIMIZING THE SPEED OF A JOSEPHSON JUNCTION WITH DYNAMICAL MEAN FIELD THEORY. International Journal of Modern Physics B, 2002, 16, 531-561.	1.0	17
363	Charge- and spin-density waves in existing superconductors: competition between Cooper pairing and Peierls or excitonic instabilities. Physics Reports, 2002, 367, 583-709.	10.3	188
364	The unified strain and temperature scaling law for the pinning force density of bronze-route Nb <sub>3</sub> Sn wires in high magnetic fields. Cryogenics, 2002, 42, 299-309.	0.9	31
365	Superconductivity in the Ni-based ternary compound La <sub>6</sub> Ni <sub>2</sub> Sn. Physica C: Superconductivity and Its Applications, 2003, 384, 71-74.	0.6	2
366	Effect of Pb substitution in bulk superconducting MgB <sub>2</sub> . Physica C: Superconductivity and Its Applications, 2003, 386, 643-647.	0.6	11
367	Weak localization and the Mooij rule in disordered metals. Physica Status Solidi (B): Basic Research, 2003, 237, 500-512.	0.7	12
368	Complementary study of heat capacity and magnetization for intermetallic YNi <sub>2</sub> B <sub>2</sub> C single crystal. Physica C: Superconductivity and Its Applications, 2003, 398, 107-113.	0.6	8
369	Enhancement of the upper critical field by nonmagnetic impurities in dirty two-gap superconductors. Physical Review B, 2003, 67, .	1.1	629
370	A scaling law for the critical current density of weakly- and strongly-coupled superconductors, used to parameterize data from a technological Nb <sub>3</sub> Sn strand. Superconductor Science and Technology, 2003, 16, 1097-1108.	1.8	49
371	Specific heat of MgB <sub>2</sub> after irradiation. Journal of Physics Condensed Matter, 2003, 15, 883-893.	0.7	57
372	Magnetism and superconductivity in Ce <sub>2</sub> RhIn <sub>8</sub> . Physical Review B, 2003, 67, .	1.1	90
373	Nonlocality and strong coupling in the heavy fermion superconductor CeCoIn <sub>5</sub> : A penetration depth study. Physical Review B, 2003, 67, .	1.1	50
374	Disordered Nanocrystalline Superconducting PbMo <sub>6</sub> S <sub>8</sub> with a Very Large Upper Critical Field. Physical Review Letters, 2003, 91, 027002.	2.9	30
375	Inconsistencies between extrapolated and actual critical fields in Nb <sub>3</sub> Sn wires as demonstrated by direct measurements of H <sub>c2</sub> , H <sub>c2</sub> <sup>*</sup> and T <sub>c</sub> . Superconductor Science and Technology, 2003, 16, 1019-1025.	1.8	27
376	Superconductivity in a layered cobalt oxyhydrate Na <sub>0.31</sub> CoO <sub>2</sub> ·1.3H <sub>2</sub> O. Journal of Physics Condensed Matter, 2003, 15, L519-L525.	0.7	27
377	Probing the superconducting gap symmetry of PrRu <sub>4</sub> Sb <sub>12</sub> : A comparison with PrOs <sub>4</sub> Sb <sub>12</sub> . Physical Review B, 2004, 69, .	1.1	29
378	Simulations of the effects of tin composition gradients on the superconducting properties of Nb <sub>3</sub> Sn conductors. Journal of Applied Physics, 2004, 96, 2122-2130.	1.1	50

#	ARTICLE	IF	CITATIONS
379	Interplay of superconductivity and structural phase transition in the clathrate Ba <sub>6</sub> Ge <sub>25</sub> . Physical Review B, 2004, 70, .	1.1	22
380	Pinning action of correlated disorder against equilibrium properties of HgBa <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . Physical Review B, 2004, 69, .	1.1	7
381	Magnetic field dependence of low-temperature specific heat of the spinel oxide superconductor LiTi <sub>2</sub> O <sub>4</sub> . Physical Review B, 2004, 70, .	1.1	45
382	Heavy Fermion Superconductivity. , 2004, , 889-1086.		2
383	Peculiarities of the thickness dependence of the superconducting properties of thin Nb films. Physica C: Superconductivity and Its Applications, 2004, 408-410, 700-702.	0.6	11
384	Very high upper critical fields in MgB <sub>2</sub> produced by selective tuning of impurity scattering. Superconductor Science and Technology, 2004, 17, 278-286.	1.8	281
385	The physics of the non-oxide perovskite superconductor MgCNi <sub>3</sub> . Journal of Physics Condensed Matter, 2004, 16, R1237-R1276.	0.7	47
386	Enhancement of Irreversibility Field in Carbon-substituted MgB <sub>2</sub> Single Crystals. Journal of the Physical Society of Japan, 2004, 73, 2065-2068.	0.7	68
387	Evolution of superconducting order in Pr(Os <sub>1-x</sub> Ru <sub>x</sub> ) <sub>4</sub> Sb <sub>12</sub> . Journal of Physics Condensed Matter, 2005, 17, L303-L310.	0.7	13
388	Correlation of Tomonaga-Luttinger liquid, superconductivity, and spin entanglement in carbon nanotubes. Physica Status Solidi (B): Basic Research, 2005, 242, 265-270.	0.7	5
389	Pressure Effect on the Superconductivity of AnTGa <sub>5</sub> Systems and Americium Metal (An=Np, Pu, Am -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.1 1	0.1	1
390	The scaling law for the strain dependence of the critical current density in Nb <sub>3</sub> Sn superconducting wires. Superconductor Science and Technology, 2005, 18, S241-S252.	1.8	113
391	Evaluation of Attenuation Constants of Superconducting NbN Coplanar Waveguides. Japanese Journal of Applied Physics, 2005, 44, L961-L963.	0.8	1
392	The upper critical field and two-gap nature in Mg <sub>1-x</sub> Al <sub>x</sub> B <sub>2</sub> . Superconductor Science and Technology, 2005, 18, 183-186.	1.8	19
393	Enhanced electron-phonon coupling of Ti-doped superconducting Nb <sub>3</sub> Sn films investigated at microwave frequencies. Physical Review B, 2005, 72, .	1.1	1
394	Upper critical field in the electron-doped layered superconductor ZrNiCl <sub>0.7</sub> : Magnetoresistance studies. Physical Review B, 2005, 72, .	1.1	17
395	p-Wave Superconductivity in the Ferromagnetic Superconductor URhGe. Physical Review Letters, 2005, 94, .	2.9	95
396	Superconductivity in the Americium Metal as a Function of Pressure: Probing the Mott Transition. Physical Review Letters, 2005, 94, 097002.	2.9	48

#	ARTICLE	IF	CITATIONS
397	The upper critical field of filamentary Nb <sub>3</sub> Sn conductors. Journal of Applied Physics, 2005, 97, 093909.	1.1	91
398	Effect of Third-Element Additions on the Upper Critical Field of Bronze-Processed $\text{Nb}_3\text{Sn}$ . IEEE Transactions on Applied Superconductivity, 2005, 15, 3385-3388.	1.1	8
399	A general scaling relation for the critical current density in Nb <sub>3</sub> Sn. Superconductor Science and Technology, 2006, 19, R100-R116.	1.8	170
401	Superconductivity as a probe of magnetic switching and ferromagnetic stability in Nb/Ni multilayers. Philosophical Magazine, 2006, 86, 2735-2760.	0.7	3
402	A scaling law for the critical current of Nb <sub>3</sub> Sn stands based on strong-coupling theory of superconductivity. Journal of Applied Physics, 2006, 99, 033909.	1.1	47
403	Transition between the Bragg glass and the disordered phase in Nb <sub>3</sub> Sn detected by third harmonics of the ac magnetic susceptibility. Physical Review B, 2006, 73, .	1.1	27
404	A review of the properties of Nb <sub>3</sub> Sn and their variation with A15 composition, morphology and strain state. Superconductor Science and Technology, 2006, 19, R68-R80.	1.8	202
405	$\mu$ SR Studies of Pu Metal and the Pu-based Superconductor PuCoGa <sub>5</sub> . Journal of the Physical Society of Japan, 2006, 75, 14-19.	0.7	5
406	Influence of disorder on the superconducting properties of polycrystalline MgB <sub>2</sub> . Journal of Physics: Conference Series, 2006, 43, 115-118.	0.3	1
407	studies of the superconducting order parameter in. Physica B: Condensed Matter, 2006, 374-375, 180-183.	1.3	14
408	Uncommonly high upper critical field of the pyrochlore superconductor KOs <sub>2</sub> O <sub>6</sub> below the enhanced paramagnetic limit. Physical Review B, 2006, 74, .	1.1	31
409	Pressure Dependence of the Fulde-Ferrell-Larkin-Ovchinnikov State in CeCoIn <sub>5</sub> . Physical Review Letters, 2006, 96, 117001.	2.9	91
410	Crystal growth, structure, and superconducting properties of the $\hat{\Gamma}_2$ -pyrochlore KOs <sub>2</sub> O <sub>6</sub> . Physical Review B, 2006, 73, .	1.1	63
411	Upper critical field in nanostructured Nb: Competing effects of the reduction in density of states and the mean free path. Physical Review B, 2006, 74, .	1.1	66
412	S-Wave Spin-Triplet Order in Superconductors without Inversion Symmetry: Li <sub>2</sub> Pd <sub>3</sub> B and Li <sub>2</sub> Pt <sub>3</sub> B. Physical Review Letters, 2006, 97, 017006.	2.9	363
413	Robust superconductivity in quantum-confined Pb: Equilibrium and irreversible superconductive properties. Physical Review B, 2006, 74, .	1.1	30
414	Normal-state transport and vortex dynamics in thin films of two structural polymorphs of superconducting NbN. Physical Review B, 2006, 74, .	1.1	40
415	Normal and Superconducting Properties of Noncentrosymmetric Heavy Fermion CeRhSi <sub>3</sub> . Journal of the Physical Society of Japan, 2007, 76, 051010.	0.7	79



#	ARTICLE	IF	CITATIONS
416	Vortex states induced by proximity effect in hybrid ferromagnet-superconductor systems. Physical Review B, 2007, 76, .	1.1	16
417	Superconducting properties of filled skutteruditeLa0.8Rh4P12. Physical Review B, 2007, 75, .	1.1	13
418	Americium under pressure. Journal of Alloys and Compounds, 2007, 444-445, 84-87.	2.8	1
419	Superconductivity in Novel Ge-Based Skutterudites: $\text{SrBaPtGe}$ Physical Review Letters, 2007, 99, 217001.	2.9	90
420	Superconductivity on the Border of Weak Itinerant Ferromagnetism in UCoGe. Physical Review Letters, 2007, 99, 067006.	2.9	485
421	Comparative analysis of reversible magnetizations for grain-aligned $\text{Bi}_{1.84}\text{Pb}_{0.34}\text{Sr}_{1.91}\text{Ca}_{2.03}\text{Cu}_{3.06}\text{O}_{10+\delta}$ and $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ with three CuO <sub>2</sub> planes. Solid State Communications, 2007, 142, 54-57.	0.9	4
422	Limits of the upper critical field in dirty two-gap superconductors. Physica C: Superconductivity and Its Applications, 2007, 456, 160-169.	0.6	155
423	High-field superconducting phase diagram of carbon-substituted MgB <sub>2</sub> single crystals. Physica C: Superconductivity and Its Applications, 2007, 456, 117-125.	0.6	3
424	Influence of Antiferromagnetic Fluctuations on the Fulde-Ferrell-Larkin-Ovchinnikov State in CeCoIn <sub>5</sub> . Journal of Low Temperature Physics, 2007, 146, 669-680.	0.6	3
425	Microstructure, composition and critical current density of superconducting Nb <sub>3</sub> Sn wires. Cryogenics, 2008, 48, 293-307.	0.9	101
426	Low-temperature specific heat of the superconductor Mo <sub>3</sub> Sb <sub>7</sub> . Acta Materialia, 2008, 56, 5694-5700.	3.8	21
427	Large sensitive-area NbN nanowire superconducting single-photon detectors fabricated on single-crystal MgO substrates. Applied Physics Letters, 2008, 92, .	1.5	101
428	Concepts in High Temperature Superconductivity. , 2008, , 1225-1348.		17
429	Organic Superconductors. , 2008, , 1155-1223.		4
430	High-Field Pauli-Limiting Behavior and Strongly Enhanced Upper Critical Magnetic Fields near the Transition Temperature of an Arsenic-Deficient $\text{LaO}_{0.9}\text{FeAs}$ Physical Review Letters, 2008, 101, 237003.	2.9	85
431	A new paradigm for fabricating bulk high-field superconductors. Superconductor Science and Technology, 2008, 21, 125006.	1.8	5
432	Electronic duality in strongly correlated matter. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6825-6828.	3.3	44
433	Critical current scaling laws for advanced Nb <sub>3</sub> Sn superconducting strands for fusion applications with six free parameters. Superconductor Science and Technology, 2008, 21, 105016.	1.8	34

#	ARTICLE	IF	CITATIONS
434	Unusual Upper Critical Field of the Ferromagnetic Superconductor UCoGe. Physical Review Letters, 2008, 100, 077002.	2.9	107
435	Superconductivity and spin fluctuations in {Th,U}Pt <sub>4</sub> Ge <sub>12</sub> skutterudites. Physical Review B, 2008, 78, .	1.1	38
436	Superconductivity in the actinoid-bearing filled skutterudite ThPt <sub>4</sub> Ge <sub>12</sub> . Physical Review B, 2008, 77, .	1.1	41
437	Superconducting Properties of the Non-Fermi-Liquid System $\hat{\nu}^2$ YbAlB <sub>4</sub> . Physical Review Letters, 2008, 101, 137004.	2.9	50
438	Structural and superconducting properties of RbOs <sub>2</sub> O <sub>6</sub> single crystals. Physical Review B, 2008, 77, .	1.1	7
439	Nb <sub>3</sub> Al thin film deposition for low-noise terahertz electronics. Journal of Physics: Conference Series, 2008, 97, 012072.	0.3	2
440	Bulk critical state and fundamental length scales of superconducting nanocrystalline Nb <sub>3</sub> Al in Nb-Al matrix. Physical Review B, 2009, 80, .	1.1	4
441	Superconducting Properties of $\nu_{Si}$ Thin Films Grown by Pulsed Laser Ablation. IEEE Transactions on Applied Superconductivity, 2009, 19, 2682-2685.	1.1	5
442	Emergence of a Superconducting State from an Antiferromagnetic Phase in Single Crystals of the Heavy Fermion Compound $\nu_{Ce}^2$ PdIn. Physical Review Letters, 2009, 103, 027003.	2.9	66
443	A complete set of characterizations on the NbN superconducting nanowire single photon detectors. , 2009, , .		0
444	Orbital and spin effects for the upper critical field in As-deficient disordered Fe pnictide superconductors. New Journal of Physics, 2009, 11, 075007.	1.2	68
445	Effects of doping with nanoscale Co <sub>3</sub> O <sub>4</sub> particles on the superconducting properties of powder-in-tube processed MgB <sub>2</sub> tapes. Physica C: Superconductivity and Its Applications, 2009, 469, 9-14.	0.6	16
446	Alloying effects of Y on in superconducting (La <sub>1-x</sub> Y <sub>x</sub> )NiC <sub>2</sub> . Solid State Communications, 2009, 149, 448-452.	0.9	11
447	Effect of spin paramagnetism on upper critical field of disordered nanocrystalline PbMo <sub>6</sub> S <sub>8</sub> superconductor. Physica C: Superconductivity and Its Applications, 2009, 469, 265-267.	0.6	2
448	$\nu_{BaPtSi}$ A noncentrosymmetric BCS-like superconductor. Physical Review B, 2009, 80, .	1.3	105
449	Optical and transport properties of ultrathin NbN films and nanostructures. Physical Review B, 2009, 80, .	1.1	148
450	Upper Critical Field and de Haas-van Alphen Oscillations in KOs <sub>2</sub> O <sub>6</sub> Measured in a Hybrid Magnet. Journal of the Physical Society of Japan, 2010, 79, 083703.	0.7	3
451	Disorder and vortex matching effects in nanoperforated ultrathin TiN films. Physica C: Superconductivity and Its Applications, 2010, 470, S808-S809.	0.6	2

#	ARTICLE	IF	CITATIONS
452	The Superconducting Ferromagnet UCoGe. Journal of Low Temperature Physics, 2010, 161, 134-147.	0.6	26
453	Novel superconducting properties on noncentrosymmetric heavy fermion CeRhSi <sub>3</sub> . Physica C: Superconductivity and Its Applications, 2010, 470, S529-S532.	0.6	4
454	Heavy-fermion superconductivity in. Solid State Communications, 2010, 150, 411-414.	0.9	34
455	Field-induced quantum critical point in the pressure-induced superconductor CeRhIn <sub>5</sub> . Physica Status Solidi (B): Basic Research, 2010, 247, 553-556.	0.7	14
456	Mixed state properties of $\text{Bi}_2\text{Te}_3$ . Physical Review B, 2010, 81, .	1.1	47
457	Pressure-induced superconducting state and effective mass enhancement near the antiferromagnetic quantum critical point of $\text{CePt}_2\text{Si}_7$ . Physical Review B, 2010, 81, .	1.1	48
458	Sample-size dependence of the superconducting transition of ribbon-shaped Pb nanocrystals studied by scanning tunneling spectroscopy. Physical Review B, 2010, 81, .	1.1	10
459	Pauli-limited upper critical field of $\text{Fe}_3\text{P}$ . Physical Review B, 2010, 81, .	1.1	13
460	Unconventional superconducting phase in the weakly correlated noncentrosymmetric $\text{Mo}_3\text{Sb}_7$ . Physical Review B, 2010, 82, .	1.1	121
461	Measurement of magnetic penetration depth and superconducting energy gap in very thin epitaxial NbN films. Applied Physics Letters, 2010, 96, 072509.	1.5	94
462	Thermodynamic phase diagram of $\text{Fe}_3\text{P}$ crystals in fields up to 28 tesla. Physical Review B, 2010, 82, .	1.1	78
463	Effects of excess Fe on upper critical field and magnetotransport in $\text{Fe}_3\text{P}$ .		

#	ARTICLE	IF	CITATIONS
470	Structure and superconductivity of two different phases of $\text{ReW}_3$ . Physical Review B, 2011, 84, .	1.1	42
471	Pauli-limiting effects in the upper critical fields of a clean $\text{LiFeAs}$ single crystal. Physical Review B, 2011, 84, .	1.1	93
472	Evidence that the upper critical field of $\text{Nb}_3\text{Sn}$ is independent of whether it is cubic or tetragonal. Applied Physics Letters, 2011, 99, .	1.5	11
473	Influence of interface reconstruction on the formation and superconductive properties of metastable $\text{Pb-Ga}$ alloy films. Physical Review B, 2011, 84, .	1.1	0
474	Superconductivity in noncentrosymmetric $\text{BiPd}$ . Physical Review B, 2011, 84, .	1.1	75
475	High-field properties of pure and doped $\text{MgB}_2$ and Fe-based superconductors. MRS Bulletin, 2011, 36, 626-630.	1.7	3
476	Upper critical fields and superconducting anisotropy of $\text{K}_{0.70}\text{Fe}_{1.55}\text{Se}_{1.01}\text{S}_{0.99}$ and $\text{K}_{0.76}\text{Fe}_{1.61}\text{Se}_{0.96}\text{S}_{1.04}$ . Europhysics Letters, 2011, 95, 57006.	0.7	10
477	The electronic phase diagrams of the $\text{Eu}(\text{Fe}_{0.81}\text{Co}_{0.19})_2\text{As}_2$ superconductor. New Journal of Physics, 2012, 14, 073052.	1.2	5
478	Towards analysis of the electron density of states of $\text{Nb}_3\text{Sn}$ as a function of strain. AIP Conference Proceedings, 2012, , .	0.3	16
479	Intrinsic spin-orbit coupling in superconducting $\hat{\Gamma}$ -doped $\text{SrTiO}$ $\text{FeSe}$ single crystals. Physical Review B, 2012, 86, .	1.1	49
480	Multiband effects on $\hat{\Gamma}^2$ - $\text{FeSe}$ single crystals. Physical Review B, 2012, 85, .	1.1	55
481	Two-dimensional superconductivity in the layered organic superconductor $\text{H}(\text{DMEDO-TSeF})_2[\text{Au}(\text{CN})_4](\text{THF})$ with thick dielectric insulating layers. Physical Review B, 2012, 85, .	1.1	2
482	Superconductivity in noncentrosymmetric $\text{YPtBi}$ under pressure. Physical Review B, 2012, 86, .	1.1	73
483	Superconductivity in the Ferroquadrupolar State in the Quadrupolar Kondo Lattice $\text{PrTi}_2\text{Al}_{20}$ . Journal of the Physical Society of Japan, 2012, 81, 083702.	0.7	131
484	Uniaxial-Strain-Orientation Dependence of the Competition between Mott and Charge Ordered Phases and their Corresponding Superconductivity of $\hat{\Gamma}^2$ - $(\text{BDA-TTP})_2$ . Journal of the Physical Society of Japan, 2012, 81, 124703.	0.7	4
485	Non-magnetic impurity and defect doping in superconductors $\text{Li}_2\text{Pd}_3\text{B}$ with noncentrosymmetric crystal structures. Journal of Physics: Conference Series, 2012, 391, 012084.	0.3	1
486	Evidence for two superconducting gaps in the unconventional superconductor $\text{PrPt}_4\text{Ge}_{12}$ . Philosophical Magazine, 2012, 92, 3866-3881.	0.7	27
487	Superconductivity in the Doped Topological Insulator $\text{Cu}_x\text{Bi}_{1-x}$ . High Pressure. Physical Review Letters, 2012, 108, 057001.	2.9	107

#	ARTICLE	IF	CITATIONS
488	Superconductivity in electron-doped layered TiNCl with variable interlayer coupling. Physical Review B, 2012, 86, .	1.1	34
489	Iron chalcogenide superconductors at high magnetic fields. Science and Technology of Advanced Materials, 2012, 13, 054305.	2.8	34
490	Superconductivity in a low carrier density system: A single crystal study of cubic Y3Ru4Ge13. Physica C: Superconductivity and Its Applications, 2013, 492, 90-95.	0.6	10
491	Pressure phase diagram and quantum criticality of CePt $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{In} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{single crystals. Physical Review B, 2013, 88, .$	1.1	26
492	The critical current density of an SNS Josephson-junction in high magnetic fields. Superconductor Science and Technology, 2013, 26, 065007.	1.8	11
493	Superconductivity of metal nitride chloride $\hat{I}^2$ -MNCl (M = Zr, Hf) with rare-earth metal RE (RE = Eu, Yb) doped by intercalation. Superconductor Science and Technology, 2013, 26, 045017.	1.8	9
494	Superconductivity in Nb-Sn Thin Films of Stoichiometric and Off-Stoichiometric Compositions. IEEE Transactions on Applied Superconductivity, 2013, 23, 7100505-7100505.	1.1	3
495	Superconductivity of alkali metal intercalated TiNBr with $\hat{I}^{\pm}$ -type nitride layers. Superconductor Science and Technology, 2013, 26, 122001.	1.8	22
496	Strong enhancement of superconductivity in inorganic electride $12\text{CaO}\hat{A}7\text{Al}_2\text{O}_3\text{:e}^{\hat{a}}$ under high pressure. Journal of the Korean Physical Society, 2013, 63, 477-480.	0.3	15
497	Influence on superconductivity in the parity mixing superconductor Li2T3B(T:Pt,Pd) by non-magnetic impurity and defect doping. Physica C: Superconductivity and Its Applications, 2013, 494, 95-98.	0.6	1
498	Observation of superconductivity in the intermetallic compound $\hat{I}^2$ -IrSn $\langle \text{sub} \rangle 4 \langle \text{sub} \rangle$ . Journal of Physics Condensed Matter, 2013, 25, 155701.	0.7	10
499	Multiband superconductivity in PrPt $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{Ge} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{single crystals. Physical Review B, 2013, 87, .$	1.1	29
500	Interplay between lattice dynamics and superconductivity in Nb $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{Sn}$ thin films. Physical Review B, 2013, 88, .	1.1	7
501	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{Re} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$		

#	ARTICLE	IF	CITATIONS
506	Superconducting Properties of the Ferroquadrupolar Cubic $\hat{\Gamma}$ - <sub>3</sub> Compound PrTi <sub>2</sub> Al <sub>20</sub> , 2014, .		0
507	Anisotropic superconductivity in noncentrosymmetric BiPd. Physical Review B, 2014, 89, .	1.1	32
508	Specific heat of Nb <sub>3</sub> Sn: The case for a single gap. APL Materials, 2014, 2, .	2.2	3
509	Universal scaling of the critical temperature for thin films near the superconducting-to-insulating transition. Physical Review B, 2014, 90, .	1.1	70
510	Superconductivity in noncentrosymmetric $\text{BaAl}_2$ structures. Physical Review B, 2014, 90, .	1.1	32
511	Giant Overlap between the Magnetic and Superconducting Phases of $\text{CeAu}_2$ Pressure. Physical Review X, 2014, 4, .	2.8	26
512	Nonmetallic Low-Temperature Normal State of $\text{K}_0.7\text{Fe}_{1.46}\text{Se}_{1.85}\text{Te}_{0.15}$ . Physical Review X, 2014, 4, .	2.8	4
513	Multiband transport and nonmetallic low-temperature state of $\text{KNa}_2$ . Physical Review B, 2014, 90, .	1.1	1
514	Advances in development of $\text{Nb}_3\text{Sn}$ radio-frequency cavities. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.52	17
515	Fermi liquid breakdown and evidence for superconductivity in $\text{YFe}_2\text{Ge}_2$ . Physica Status Solidi - Rapid Research Letters, 2014, 8, 928-930.	1.2	34
516	Testing $\text{V}_3\text{Si}$ for two-band superconductivity. Superconductor Science and Technology, 2014, 27, 044006.	1.8	10
517	Tunnel diode oscillator measurements of the upper critical magnetic field of $\text{FeTe}_{0.5}\text{Se}_{0.5}$ . Journal of Physics Condensed Matter, 2014, 26, 185701.	0.7	2
518	Examination of the trade-off between intrinsic and extrinsic properties in the optimization of a modern internal tin $\text{Nb}_3\text{Sn}$ conductor. Superconductor Science and Technology, 2014, 27, 065013.	1.8	36
519	Challenges and Opportunities for Applications of Unconventional Superconductors. Annual Review of Condensed Matter Physics, 2014, 5, 35-56.	5.2	55
520	A Resonant Cold-Electron Bolometer With a Kinetic Inductance Nanofilter. IEEE Transactions on Terahertz Science and Technology, 2014, 4, 314-320.	2.0	13
521	Electronic properties of $\hat{\Gamma}$ -U and superconductivity of $\text{U}\hat{\Gamma}$ -Mo alloys. Physica C: Superconductivity and Its Applications, 2014, 498, 14-20.	0.6	31
522	Physical properties of noncentrosymmetric superconductor $\text{LaIrSi}_3$ : A study. Physical Review B, 2014, 90, .	1.1	52
523	Superconductivity at 6 K and the Violation of Pauli Limit in $\text{Ta}_2\text{Pd}_x\text{S}_5$ . Journal of the Physical Society of Japan, 2014, 83, 023702.	0.7	54

#	ARTICLE	IF	CITATIONS
524	The influence of electron-phonon coupling and spin fluctuations on the superconductivity of the Ti-V alloys. European Physical Journal B, 2014, 87, 1.	0.6	15
525	Superconductivity and spin fluctuations in the actinoidâ€“platinum metal borides{Th,U}Pt3B. Physical Review B, 2015, 92, .	1.1	2
526	Shielding Superconductors with Thin Films as Applied to rf Cavities for Particle Accelerators. Physical Review Applied, 2015, 4, .	1.5	18
527	Universal scaling law for the condensation energy across a broad range of superconductor classes. Physical Review B, 2015, 92, .	1.1	10
528	Weak itinerant ferromagnetism and clean superconductivity in Y9Co7. Philosophical Magazine, 2015, 95, 503-515.	0.7	6
529	Superconductivity in the A15 structure. Physica C: Superconductivity and Its Applications, 2015, 514, 28-35.	0.6	75
530	Plutonium-Based Heavy-Fermion Systems. Annual Review of Condensed Matter Physics, 2015, 6, 137-153.	5.2	20
531	Composition and connectivity variability of the A15 phase in PIT Nb<sub>3</sub>Sn wires. Superconductor Science and Technology, 2015, 28, 095001.	1.8	21
532	Superconductivity in non-centrosymmetric materials. Physica C: Superconductivity and Its Applications, 2015, 514, 388-398.	0.6	49
533	Proof-of-principle demonstration of Nb3Sn superconducting radiofrequency cavities for high <i>Q</i> applications. Applied Physics Letters, 2015, 106, .	1.5	41
534	Analysis of Nb3Sn surface layers for superconducting radio frequency cavity applications. Applied Physics Letters, 2015, 106, .	1.5	35
535	No Detectable Change in In-Plane <sup>29</sup>Si Knight Shift in the Superconducting State of URu<sub>2</sub>Si<sub>2</sub>. Journal of the Physical Society of Japan, 2016, 85, 073711.	0.7	8
536	A multiple-field coupled resistive transition model for superconducting Nb3Sn. AIP Advances, 2016, 6, .	0.6	2
537	Ultrasensitive interplay between ferromagnetism and superconductivity in NbGd composite thin films. Scientific Reports, 2016, 6, 18689.	1.6	13
538	Impact of nitrogen doping of niobium superconducting cavities on the sensitivity of surface resistance to trapped magnetic flux. Journal of Applied Physics, 2016, 119, .	1.1	35
539	Competition of superconductivity with the structural transition in $M\text{O}_3$ . Physical Review B, 2016, 94, .	1.1	7
540	Superconducting gap structure of the skutterudite LaPt4Ge12 probed by specific heat and thermal transport. Physical Review B, 2016, 94, .	1.1	11
541	Exotic Quadrupolar Phenomena in Non-Kramers Doublet Systems â€“ The Cases of Pr<i>T</i><sub>2</sub>Zn<sub>20</sub> (<i>T</i> = Ir, Rh) and Pr<i>T</i><sub>2</sub>Al<sub>20</sub> (<i>T</i> = V, Ti) â€“. Journal of the Physical Society of Japan, 2016, 85, 082002.	0.7	143

#	ARTICLE	IF	CITATIONS
542	Unconventional Superconductivity in the Layered Iron Germanide $YFe_2$ Physical Review Letters, 2016, 116, 127001.	2.9	33
543	Unified Scaling Law for flux pinning in practical superconductors: II. Parameter testing, scaling constants, and the Extrapolative Scaling Expression. Superconductor Science and Technology, 2016, 29, 123002.	1.8	17
544	The role of stoichiometry in superconducting $Nb_{1-x}Sn_x$ : electronic and vibrational properties from ab initio calculations. Physical Chemistry Chemical Physics, 2016, 18, 32840-32846.	1.3	4
545	Effect of electron count and chemical complexity in the Ta-Nb-Hf-Zr-Ti high-entropy alloy superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7144-E7150.	3.3	114
546	Comparison of Hot-Spot Formation in NbC and NbN Single-Photon Detectors. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.1	6
547	Nodeless superconductivity in noncentrosymmetric $PbTaSe_2$ crystals. Physical Review B, 2016, 93, .	1.1	11
548	Type-I superconductivity in $KBi_2$ single crystals. Journal of Physics Condensed Matter, 2016, 28, 085701.	0.7	22
549	Comparison of Hot Spot Formation in NbN and MoN Thin Superconducting Films After Photon Absorption. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.1	29
550	Unified Scaling Law for flux pinning in practical superconductors: III. Minimum datasets, core parameters, and application of the Extrapolative Scaling Expression. Superconductor Science and Technology, 2017, 30, 033005.	1.8	9
551	$Th_7Fe_3$ Type Related Structures in Pd(Pt)Cu Systems: $Pd_6Cu_3$ A New Structure Type for Borides. Chemistry - A European Journal, 2017, 23, 4810-4817.	1.7	2
552	Semi-analytical modeling of the coupled strain and low-temperature dependence of the normal-state resistivity in $Nb_3Sn$ . Cryogenics, 2017, 82, 25-29.	0.9	0
553	$Nb_3Sn$ superconducting radiofrequency cavities: fabrication, results, properties, and prospects. Superconductor Science and Technology, 2017, 30, 033004.	1.8	111
554	Theoretical estimates of maximum fields in superconducting resonant radio frequency cavities: stability theory, disorder, and laminates. Superconductor Science and Technology, 2017, 30, 033002.	1.8	39
555	The effects of disorder on the normal state and superconducting properties of $Nb_3Sn$ . Superconductor Science and Technology, 2017, 30, 025006.	1.8	9
556	How resistive must grain boundaries in polycrystalline superconductors be, to limit $J_c$ ? Superconductor Science and Technology, 2017, 30, 104001.	1.8	33
557	Probing the superconducting gap symmetry of $PdBi_2$ : A penetration depth study. Physical Review B, 2017, 95, .	1.1	23
558	A review and prospects for $Nb_3Sn$ superconductor development. Superconductor Science and Technology, 2017, 30, 093001.	1.8	68
559	GLAG theory for superconducting property variations with A15 composition in $Nb_3Sn$ wires. Scientific Reports, 2017, 7, 1133.	1.6	11



#	ARTICLE	IF	CITATIONS
560	Parallel Critical Field in Thin Niobium Films: Comparison to Theory. <i>Journal of Low Temperature Physics</i> , 2017, 189, 108-119.	0.6	7
561	Specific heat, Electrical resistivity and Electronic band structure properties of noncentrosymmetric Th <sub>7</sub> Fe <sub>3</sub> superconductor. <i>Scientific Reports</i> , 2017, 7, 15769.	1.6	14
562	Clean to dirty limit and $T_c$ suppression in NdFeAsO <sub>0.7</sub> F <sub>0.3</sub> studied by $H_{c2}$ analysis. <i>Superconductor Science and Technology</i> , 2018, 31, 034007.	1.8	4
563	Evidence for nodal superconductivity in a layered compound Ta <sub>4</sub> Pd <sub>3</sub> Te <sub>16</sub> . <i>Journal of Physics Condensed Matter</i> , 2018, 30, 055701.	0.7	3
564	Vertical Growth of Superconducting Crystalline Hollow Nanowires by He <sup>+</sup> Focused Ion Beam Induced Deposition. <i>Nano Letters</i> , 2018, 18, 1379-1386.	4.5	66
565	Anisotropic two-gap superconductivity and the absence of a Pauli paramagnetic limit in single-crystalline $\text{LaO}_{1-x}\text{F}_x\text{BiS}_2$ . <i>Physical Review B</i> , 2018, 97, .	1.8	5
566	The effect of martensitic phase transition from cubic to tetragonal on the physical properties of V <sub>3</sub> Si superconductor. <i>Intermetallics</i> , 2018, 96, 25-32.	1.8	5
567	Heavy-fermion superconductivity in CeAg <sub>2</sub> Si <sub>2</sub> – Interplay of spin and valence fluctuations. <i>Physica B: Condensed Matter</i> , 2018, 536, 150-154.	1.3	6
568	Superconductivity and valence state in layered single-crystal HfAs <sub>1.67</sub> Te <sub>0.12</sub> . <i>Superconductor Science and Technology</i> , 2018, 31, 015020.	1.8	1
569	AC Resistance of Driven Vortices of Superconductors Measured by Microwave Technique. <i>Journal of Physics: Conference Series</i> , 2018, 1054, 012025.	0.3	0
570	Superconductivity and magnetism in noncentrosymmetric $\text{LaPtGe}_3$ and $\text{CePtGe}_3$ . <i>Physical Review B</i> , 2018, 98, .	1.1	7
571	Vortex Dynamics and Losses Due to Pinning: Dissipation from Trapped Magnetic Flux in Resonant Superconducting Radio-Frequency Cavities. <i>Physical Review Applied</i> , 2018, 10, .	1.5	23
572	Superconducting-state properties and electronic band structure calculations of a noncentrosymmetric Th <sub>7</sub> Ni <sub>3</sub> compound. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 475802.	0.7	6
573	Inhomogeneous Superconductivity in Organic and Related Superconductors. <i>Crystals</i> , 2018, 8, 285.	1.0	21
574	Fully gapped superconductivity in single crystals of noncentrosymmetric $\text{Re}_{16}\text{Ni}_{16}$ with broken time-reversal symmetry. <i>Physical Review B</i> , 2018, 97, .	1.8	3
575	Superconductivity and the upper critical field in the chiral noncentrosymmetric superconductor NbRh <sub>2</sub> B <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 465601.	0.7	10
576	Enhancement of the upper critical field in the cubic Laves-phase superconductor HfV <sub>2</sub> by Nb doping. <i>Superconductor Science and Technology</i> , 2019, 32, 125004.	1.8	3
577	Superconductivity at 4.8 K and Violation of Pauli Limit in La <sub>2</sub> IRu <sub>2</sub> Comprising Ru Honeycomb Layer. <i>Inorganic Chemistry</i> , 2019, 58, 12888-12894.	1.9	5

#	ARTICLE	IF	CITATIONS
578	Critical fields of Nb <sub>3</sub> Sn prepared for superconducting cavities. Superconductor Science and Technology, 2019, 32, 075004.	1.8	16
579	Current and magnetic field dependences of a superconducting coplanar waveguide resonator. Japanese Journal of Applied Physics, 2019, 58, 033001.	0.8	2
580	Electron-phonon coupling and superconductivity-induced distortion of the phonon lineshape in $V_3Si$ . Physical Review B, 2019, 99, .	1.1	7
581	Superconductivity in the l-carbide-type oxides $Zr_{84}$ . Journal of Alloys and Compounds, 2019, 796, 287-292.	2.8	84
582	Ultrafast nonthermal terahertz electrodynamics and possible quantum energy transfer in the superconductor. Physical Review B, 2019, 99, .	1.1	26
583	Surface Impedance Measurements on Nb $\&$ Sn in High Magnetic Fields. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.1	13
584	Determination of the Bardeen-Cooper-Schrieffer material parameters of the HIE-ISOLDE superconducting resonator. Superconductor Science and Technology, 2019, 32, 025002.	1.8	5
585	Study of Nb <sub>0.18</sub> Re <sub>0.82</sub> non-centrosymmetric superconductor in the normal and superconducting states. Superconductor Science and Technology, 2019, 32, 055003.	1.8	12
586	Anisotropic upper critical field of pristine and proton-irradiated single crystals of the magnetically ordered superconductor $RbEuFe_4As_4$ . Physical Review B, 2019, 100, .	1.1	15
587	Electronic band structure and superconducting properties of SnAs. Physical Review B, 2019, 100, .	1.1	15
588	Anomalies of upper critical field in the spinel superconductor $LiTi_2O_4$ . Physical Review B, 2019, 100, .	1.1	10
589	Superconductivity induced at a point contact on the topological semimetal tungsten carbide. Physical Review B, 2019, 100, .	1.1	19
590	A single full gap in noncentrosymmetric superconductor Re <sub>6</sub> Hf by point-contact spectroscopy. Materials Research Express, 2019, 6, 016001.	0.8	4
591	Polymorphism and superconductivity in the V-Nb-Mo-Al-Ga high-entropy alloys. Science China Materials, 2020, 63, 823-831.	3.5	28
592	Superconductivity of Y <sub>5</sub> Rh <sub>6</sub> Sn <sub>18</sub> ; Coexistence of the high temperature thermal lattice relaxation process and superconductivity. Journal of Alloys and Compounds, 2020, 819, 152959.	2.8	9
593	Measurement of Inductance in Niobium Nitride Films for Single Flux Quantum Circuits. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.1	3
594	Type-I superconductivity in noncentrosymmetric $NbGe_2$ . Physical Review B, 2020, 102, .	1.1	2
595	Tip-induced superconductivity on the topological semimetals $TaAs_2$ and $NbAs_2$ . Physical Review B, 2020, 102, .	1.1	9

#	ARTICLE	IF	CITATIONS
596	Enhancing superconductivity of $Y_{1-x}Rh_x$ by atomic disorder. Physical Review B, 2020, 102, .	1.1	11
597	In-plane p-wave coherence length in iron-based superconductors. Results in Physics, 2020, 18, 103339.	2.0	5
598	Strong suppression of the resistivity near the superconducting transition in narrow microbridges in external magnetic fields. Physical Review B, 2020, 101, .	1.1	5
599	London penetration depth at zero temperature and near the superconducting transition. Physical Review B, 2020, 101, .	1.1	0
600	Unconventional superconductivity in $Cu_xBi_2Se_3$ from magnetic susceptibility and electrical transport. New Journal of Physics, 2020, 22, 053026.	1.2	7
601	Structural phases of elemental Ga: Universal relations in conventional superconductors. Physical Review B, 2020, 101, .	1.1	7
602	Nodeless superconductivity in $YFe_2$ . Physical Review B, 2020, 101, .	1.1	11
603	Synthesis and superconductivity of a novel quasi-one-dimensional ternary molybdenum pnictide $Cs_2Mo_3As_3$ . APL Materials, 2020, 8, 031103.	2.2	12
604	Correlation between glasses forming ability and density of states for the micro-alloying Al-based metallic glasses. Journal of Alloys and Compounds, 2020, 826, 154237.	2.8	2
605	CaPtAs: A new noncentrosymmetric superconductor. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	26
606	Analysis of Electronic Properties from Magnetotransport Measurements on $Ba(Fe_{1-x}Ni_x)_2As_2$ Thin Films. Materials, 2020, 13, 630.	1.3	0
607	Effect of grain boundary deformation on the critical temperature degradation of superconducting $Nb_3Sn$ under hydrostatic pressure. Journal of Alloys and Compounds, 2021, 864, 158116.	2.8	5
608	Advances in $Nb_3Sn$ superconducting radiofrequency cavities towards first practical accelerator applications. Superconductor Science and Technology, 2021, 34, 025007.	1.8	37
609	Enhancing superconductivity of $Lu_{1-x}Rh_x$ by atomic disorder. Physical Review B, 2021, 103, .	1.1	11
610	Normal State Properties and Upper Critical Magnetic Field in Three-dimensional Polycrystalline Niobium Films. Journal of Superconductivity and Novel Magnetism, 2021, 34, 2517-2522.	0.8	0
611	Effect of random pinning on nonlinear dynamics and dissipation of a vortex driven by a strong microwave current. Physical Review B, 2021, 103, .	1.1	11
612	Superconductivity with High Upper Critical Field in the Cubic Centrosymmetric $\hat{I}$ -Carbide $Nb_4Rh_2C_{16}$ . ACS Materials Au, 2021, 1, 55-61.	2.6	16
613	Nodeless superconductivity in the kagome metal $CsV_3Sb_5$ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	100

#	ARTICLE	IF	CITATIONS
614	First-principle study of structural and electronic properties of V2Se. Materials Today Communications, 2021, 28, 102523.	0.9	1
615	Thin-film synthesis of superconductor-on-insulator A15 vanadium silicide. Scientific Reports, 2021, 11, 2358.	1.6	3
616	Nodeless superconductivity in $\text{Lu}_{1-x}\text{Ce}_x\text{N}$ with broken time reversal symmetry. Physical Review B, 2021, 103, .	0.2	1
617	Understanding Properties and Fabrication Processes of Superconducting Nb3Sn Wires. , 2007, , 285-308.		3
618	Synthesis and Diamagnetic Properties. Graduate Texts in Contemporary Physics, 1990, , 168-202.	0.2	1
619	New Perspectives on the Physics of High-Field Superconductors. , 1982, , 345-359.		9
620	The Layer Thickness Dependence of the Transition Temperature in Niobium-Tin. , 1982, , 415-424.		5
621	Alteration of the Superconducting Properties of A15 Compounds and Elementary Composite Superconductors by Nonhydrostatic Elastic Strain. , 1980, , 48-65.		26
622	Barrier/Electrode Interface Structure and $I_c$ Characteristics of NbN Josephson Junctions. , 1984, , 535-546.		4
623	The Relationship Between the Martensitic Phase Transition and the Superconducting Properties of A15 Compounds. , 1984, , 671-682.		4
624	Characterization of Bulk and Multifilamentary Nb3Sn and Nb3Al by Diffractometric and Resistive Measurements. , 1986, , 925-936.		7
625	Epitaxial Growth of NbN on MgO Film. , 1986, , 617-626.		8
626	Flux Pinning in Bronze-Processed Nb3Sn Wires. , 1980, , 131-142.		19
627	Critical Fields of Ternary Molybdenum Chalcogenides. Topics in Current Physics, 1982, , 57-98.	0.5	6
628	Heavy-Fermion Superconductivity. , 2008, , 1031-1154.		2
629	Concepts in High Temperature Superconductivity. , 2004, , 275-451.		20
630	Organic Superconductors. , 2004, , 453-554.		16
631	Superconductivity and Magnetic Order in a Strongly Interacting Fermi-System: URu2Si2. Perspectives in Condensed Matter Physics, 1986, , 89-95.	0.1	6

#	ARTICLE	IF	CITATIONS
632	Effect of magnetic iron impurity on the superconducting properties of an amorphous Nb <sub>50</sub> Zr <sub>35</sub> Si <sub>15</sub> alloy. Journal of Materials Science, 1984, 19, 3739-3745.	1.7	1
633	Tunneling into the A15 compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1982, 109-110, 1665-1670.	0.9	3
634	SYNTHETICALLY LAYERED SUPERCONDUCTORS. , 1985, , 365-417.		12
635	A-15 COMPOUNDS AND THEIR AMORPHOUS COUNTERPARTS. , 1980, , 233-246.		3
636	Significant enhancement of compositional and superconducting homogeneity in Ti rather than Ta-doped Nb <sub>3</sub> Sn. Applied Physics Letters, 2016, 108, .	1.5	22
637	Effect of inhomogeneous surface disorder on the superheating field of superconducting RF cavities. Physical Review Research, 2019, 1, .	1.3	21
638	HIGH T <sub>c</sub> SUPERCONDUCTIVITY IN Y-Ba-Cu-O SYSTEM. Advanced Ceramic Materials, 1987, 2, 480-491.	2.3	6
639	Antiferromagnetic Fluctuations and the Fulde-Ferrell-Larkin-Ovchinnikov State in CeCoIn <sub>5</sub> . Journal of the Physical Society of Japan, 2007, 76, 128-131.	0.7	4
640	Handbook of Superconducting Materials. , 0, , .		25
641	Enhancing Superconductivity of the Nonmagnetic Quasiskutterudites by Atomic Disorder. Materials, 2020, 13, 5830.	1.3	6
642	Magnetic field induced reentrance of superconductivity in the cage-type superconductor $Y_{1-x}Rh_xCo_5$ . Physical Review B, 2021, 104, .	1.1	5
643	Handbook of Superconducting Materials. Handbook of Superconducting Materials, 2002, , 419-714.	0.0	0
645	Use of the Bibliography. , 1982, , 337-976.		0
646	Critical Fields of Ternary Molybdenum Chalcogenides. Topics in Current Physics, 1982, , 57-98.	0.5	4
647	Improved Performance Powder Metallurgy and In Situ Processed Multifilamentary Superconductors. , 1984, , 805-811.		0
649	Study of Superconducting Oxides at Westinghouse. , 1987, , 935-949.		2
650	Phenomenology of Superconductivity and Magnetic Order in Heavy Fermi Liquids and Narrow-Band Metals. , 1987, , 253-264.		0
651	Preparation, Structure, and Magnetic Field Studies of High T <sub>c</sub> Superconductors. , 1987, , 807-815.		2

#	ARTICLE	IF	CITATIONS
652	INVITED PAPER: CRITICAL MAGNETIC FIELDS AND SPECIFIC HEATS OF HEAVY FERMION SUPERCONDUCTORS. , 1987, , 447-454.		1
653	Alkali Metal Fullerides: Structural and electronic properties in comparison with previous classes of molecular conductors. , 1994, , 245-262.		1
654	Superconducting Properties of Single-crystal NbN Thin Films Deposited at Ambient Substrate Temperature. , 1995, , 991-994.		0
655	Can We Achieve High In-Field Jc at 77 K in Bi-Sr-Ca-Cu-O?. , 1997, , 57-69.		0
656	Fermi Liquid Breakdown and Evidence for Superconductivity in YFe2Ge2. , 2014, , .		0
657	HIGH Hc2 IN Pb1.2-xEuxMo6S8. , 1983, , 143-146.		0
658	RECENT RESEARCH IN HIGH FIELD SUPERCONDUCTIVITY. , 1983, , 133-141.		3
659	Empirical Approach to Superconductivity. , 1983, , 387-431.		0
660	ANGULAR AND TEMPERATURE DEPENDENCE OF Hc2 IN SINGLE CRYSTALS PbMo6S8 AND Cu1.8Mo6S8. , 1983, , 147-150.		0
661	Phase fluctuations in conventional superconductors. Journal of Physics Condensed Matter, 2021, 34, .	0.7	8
668	Multiband superconductivity in $V_3Si$ determined from studying the response to controlled disorder. Physical Review B, 2022, 105, .	1.1	9
669	Are Heavy Fermion Strange Metals Planckian?. Crystals, 2022, 12, 251.	1.0	16
670	Nonlinear Meissner effect in $Nb_3Sn$ coplanar resonators. Physical Review Research, 2022, 4, .	1.3	11
671	Nodeless superconductivity in noncentrosymmetric LaRhSn. Physical Review B, 2022, 105, .	1.1	3
672	Electromigration characteristics of CuAl2. Journal of Alloys and Compounds, 2022, 918, 165615.	2.8	2
674	Electromechanical coupling in high-pressured superconducting Nb3Sn: analytical and simulation models. International Journal of Mechanical Sciences, 2022, 230, 107541.	3.6	4
675	Conventional type-II superconductivity in locally noncentrosymmetric $LaRh_2As_2$ single crystals. Physical Review B, 2022, 106, .	1.1	3
676	Spin fluctuations and superconductivity in $Y_5Co_6$ doped with Pd and Co: Evidence of peak effect in the superconducting mixed state. Physical Review B, 2022, 106, .	1.1	3

#	ARTICLE	IF	CITATIONS
677	Nodeless superconductivity in topologically nontrivial materials HfRuP and ZrRuAs. Journal of Physics Condensed Matter, 2022, 34, 455601.	0.7	1
678	Superconductivity with large upper critical field in noncentrosymmetric Cr-bearing high-entropy alloys. Scripta Materialia, 2023, 223, 115099.	2.6	8
679	Fermi-Liquid Nonadiabatic Highly Compressed Cesium Iodide Superconductor. Condensed Matter, 2022, 7, 65.	0.8	2
680	Nodeless superconductivity in the topological nodal-line semimetal $\text{CaSb}_2$ . Physical Review B, 2022, 106, .	1.1	2
681	Microscopic origin of the abnormal elastic behavior accompanying the superconducting transition in Nb <sub>3</sub> Sn crystals: An extended ab initio study. Journal of Alloys and Compounds, 2023, 941, 168891.	2.8	2
682	Quantifying Nonadiabaticity in Major Families of Superconductors. Nanomaterials, 2023, 13, 71.	1.9	6
683	Superconducting properties and gap structure of the topological superconductor candidate $\text{Ti}_3\text{Mn}$ . Physical Review B, 2023, 107, .	1.1	1
684	Molecular beam epitaxy of a half-Heusler topological superconductor candidate YPtBi. Physical Review Materials, 2023, 7, .	0.9	1
686	Tuning microwave losses in superconducting resonators. Superconductor Science and Technology, 2023, 36, 063002.	1.8	7
687	Superconductivity in $\text{Mo}_4\text{Ga}_{20}\text{As}$ with endohedral gallium clusters. Journal of Physics Condensed Matter, 2023, 35, 214002.	0.7	1
688	Time-reversal symmetry breaking in the superconducting low carrier density quasiskutterudite $\text{Lu}_3\text{Os}_4\text{Ge}_{13}$ . Physical Review B, 2023, 107, .	1.1	1
689	Nitrogen Dependence of Superconducting Properties in MoReN Thin Films. , 2023, , .		0