

# R B Van Dover

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Superconducting Quantum Metamaterials from High Pressure Melt Infiltration of Metals into Block Copolymer Double Gyroid Derived Ceramic Templates. <i>Advanced Functional Materials</i> , 2021, 31, 2100469.	7.8	7
2	Dielectric properties of amorphous Bi <sup>3+</sup> -Ti <sup>4+</sup> -O thin films. <i>Journal of Advanced Dielectrics</i> , 2021, 11, 2150009.	1.5	1
3	Superconducting Quantum Metamaterials: Superconducting Quantum Metamaterials from High Pressure Melt Infiltration of Metals into Block Copolymer Double Gyroid Derived Ceramic Templates ( <i>Adv. Funct. Mater.</i> 23/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170166.	7.8	0
4	Block copolymer self-assembly <sup>2</sup> -directed synthesis of mesoporous gyroidal superconductors. <i>Science Advances</i> , 2016, 2, e1501119.	4.7	104
5	Dielectric properties of amorphous Zr <sup>4+</sup> -Al <sup>3+</sup> -O and Zr-Si-O thin films. <i>Journal of Advanced Dielectrics</i> , 2015, 05, 1550010.	1.5	3
6	Tunable VO <sub>2</sub> /Au hyperbolic metamaterial (Presentation Recording)., 2015, , .		0
7	Tunable VO <sub>2</sub> /Au hyperbolic metamaterial. , 2015, , .		0
8	Towards DRAM-Flash hybrid: Dual-speed low-voltage ferroelectric and charge memory. , 2013, , .		0
9	Dielectric enhancement in amorphous Ta <sub>x</sub> Ge <sub>1-x</sub> O <sub>y</sub> thin films. <i>Applied Physics Letters</i> , 2012, 101, 092901.	1.5	3
10	Design and Validation of High-Efficiency Chopper for Magnetoresistive Sensors. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 2461-2466.	1.2	1
11	Improvement of the low-frequency sensitivity of MgO-based magnetic tunnel junctions by annealing. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	8
12	Ethanol-Promoted High-Yield Growth of Few-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6389-6395.	1.5	56
13	Dielectric response of tantalum oxide subject to induced ion bombardment during oblique sputter deposition. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	6
14	A model for calculating resputter rates in codeposition. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2008, 26, 1030-1036.	0.9	6
15	An approach to achieving a negative index of refraction using coincident resonances. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 1161-1166.	1.3	3
16	Getter sputtering system for high-throughput fabrication of composition spreads. <i>Review of Scientific Instruments</i> , 2007, 78, 072212.	0.6	31
17	Epitaxial (SrTiO <sub>3</sub> <sup>δ</sup> -NiO) <sub>n</sub> -MgO multiferroic heterostructure. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2007, 25, 37-41.	0.9	3
18	Improvements in the Conductivity of n-type ZnO Through Codoping with Al and In. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1035, 1.	0.1	2

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19	Resputtering phenomena and determination of composition in codeposited films. Physical Review B, 2007, 76, .	1.1	16
20	High throughput screening of electrocatalysts for fuel cell applications. Review of Scientific Instruments, 2006, 77, 054104.	0.6	59
21	Magnetic Field Measurements in Wire-Array Z-Pinches and X Pinches. AIP Conference Proceedings, 2006, , .	0.3	1
22	Effect of the Octahedral Bond Valence on Microwave Dielectric Properties of (1-x)Al <sub>0.5</sub> Ta <sub>0.5</sub> O <sub>2</sub> -xMg <sub>0.33</sub> Ta <sub>0.67</sub> O <sub>2</sub> Ceramics. Journal of the American Ceramic Society, 2006, 89, 1083-1086.	1.9	1
23	Correlation Between Temperature Coefficient of Resonant Frequency and Tetragonality Ratio. Journal of the American Ceramic Society, 2006, 89, 1144-1146.	1.9	9
24	A composition-spread approach to developing novel materials for optical amplifiers. , 2006, , .		0
25	Technique to measure sub-microsecond magnetic field pulses using magnetic (CoPt) thin films. Applied Physics Letters, 2005, 87, 182505.	1.5	2
26	Molecular volume and polarizability in the amorphous dielectric Zr <sub>0.2</sub> Sn <sub>0.2</sub> Ti <sub>0.6</sub> O <sub>2</sub> . Materials Research Society Symposia Proceedings, 2005, 902, 1.	0.1	0
27	Determining the Magnetic Field Near X-Pinch Plasma Discharges using Magnetic (COPT) Thin Films. IEEE International Conference on Plasma Science, 2005, , .	0.0	0
28	High-Throughput Measurement of Magnetostriction Using MEMS and Composition Spreads. Materials Research Society Symposia Proceedings, 2005, 894, 1.	0.1	0
29	Composition-dependent crystallization of alternative gate dielectrics. Applied Physics Letters, 2003, 83, 1459-1461.	1.5	22
30	Material and electrical characterization of carbon-doped Ta[sub 2]O[sub 5] films for embedded dynamic random access memory applications. Journal of Applied Physics, 2002, 91, 308.	1.1	41
31	The Compositional Spread Approach to High-Dielectric Constant Materials and Materials for Integrated Optics. ACS Symposium Series, 2002, , 49-64.	0.5	0
32	Photoemission study of Zr- and Hf-silicates for use as high- $\epsilon_r$ oxides: Role of second nearest neighbors and interface charge. Applied Physics Letters, 2002, 81, 1788-1790.	1.5	106
33	High critical currents in iron-clad superconducting MgB <sub>2</sub> wires. Nature, 2001, 411, 563-565.	13.7	428
34	Etching of high-k dielectric Zr <sub>1-x</sub> Al <sub>x</sub> O <sub>y</sub> films in chlorine-containing plasmas. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 1361-1366.	0.9	81
35	Crystallization kinetics in amorphous (Zr[sub 0.62]Al[sub 0.38])O[sub 1.8] thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 2779.	0.9	20
36	Magnetically transduced surface acoustic wave devices. Journal of Applied Physics, 2000, 87, 6304-6306.	1.1	8

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37	Soft-magnetic properties of Fe-Co-B thin films for ultra-high-frequency applications. Journal of Applied Physics, 2000, 87, 5858-5860.	1.1	27
38	Defect dominated charge transport in amorphous Ta <sub>2</sub> O <sub>5</sub> thin films. Journal of Applied Physics, 2000, 88, 850-862.	1.1	203
39	High dielectric constant Hf-Sn-Ti-O thin films. Applied Physics Letters, 1999, 75, 1967-1969.	1.5	56
40	Analysis of current distribution in magnetic film inductors. Journal of Applied Physics, 1999, 85, 5202-5204.	1.1	26
41	Amorphous lanthanide-doped TiO <sub>x</sub> dielectric films. Applied Physics Letters, 1999, 74, 3041-3043.	1.5	125
42	Discovery of a useful thin-film dielectric using a composition-spread approach. Nature, 1998, 392, 162-164.	13.7	345
43	Specific heat of amorphous rare-earth-transition-metal films. Physical Review B, 1998, 58, 5672-5683.	1.1	29
44	Magnetic anisotropy of doped manganite thin films and crystals. Journal of Applied Physics, 1998, 83, 7064-7066.	1.1	103
45	Improved properties of TaO <sub>x</sub> films doped with Al and N. Materials Research Society Symposia Proceedings, 1998, 541, 561.	0.1	1
46	High Dielectric Constant Hf-Ti-Sn-O Off-Axis Cosputtered Films. Materials Research Society Symposia Proceedings, 1998, 541, 567.	0.1	0
47	High frequency properties of Fe-Cr-Ta-N soft magnetic films. Applied Physics Letters, 1997, 70, 3161-3163.	1.5	66
48	Magnetic Anisotropy and Lattice Distortions in The Doped Perovskite Manganites. Materials Research Society Symposia Proceedings, 1997, 494, 41.	0.1	2
49	The Effects of Strain on The Magnetic Anisotropy of Doped Manganite Thin Films. Materials Research Society Symposia Proceedings, 1997, 474, 205.	0.1	1
50	Fe-Cr-N Based Nanocrystalline Soft Magnetic Thin Films. Materials Research Society Symposia Proceedings, 1997, 475, 445.	0.1	0
51	Temperature Dependence of Strong Exchange Coupling in Ferrite Heterostructures. Materials Research Society Symposia Proceedings, 1997, 475, 587.	0.1	0
52	Magnetic film inductors for radio frequency applications. Journal of Applied Physics, 1997, 82, 5247-5254.	1.1	82
53	Fe-Cr-N soft magnetic thin films. Journal of Applied Physics, 1997, 81, 4042-4044.	1.1	18
54	The role of strain in magnetic anisotropy of manganite thin films. Applied Physics Letters, 1997, 71, 140-142.	1.5	287

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55	Structure and magnetic properties of epitaxial spinel ferrite thin films. Applied Physics Letters, 1996, 68, 714-716.	1.5	170
56	Interlayer exchange coupling in amorphous/crystalline NiFe <sub>2</sub> O <sub>4</sub> thin-film bilayers. Journal of Applied Physics, 1996, 79, 5926.	1.1	32
57	Exchange coupling in single-crystalline spinel-structure (Mn,Zn)Fe <sub>2</sub> O <sub>4</sub> /CoFe <sub>2</sub> O <sub>4</sub> bilayers. Physical Review B, 1996, 53, 14016-14019.	1.1	71
58	Magnetic properties of epitaxial ferrite multilayer films. Journal of Applied Physics, 1996, 79, 5923.	1.1	25
59	Effects of 3.1-MeV proton and 1-GeV Au-ion irradiation on the magnetic flux noise and critical current of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . Physical Review B, 1996, 54, 15411-15416.	1.1	18
60	Epitaxial growth and magnetic behavior of NiFe <sub>2</sub> O <sub>4</sub> thin films. Journal of Materials Research, 1996, 11, 1187-1198.	1.2	105
61	Epitaxial Single Crystalline Ferrite Films for High Frequency Applications. Materials Research Society Symposia Proceedings, 1995, 401, 473.	0.1	4
62	Correlation of Vortex Motion in High-Tc Superconductors. Physical Review Letters, 1995, 74, 2796-2799.	2.9	12
63	Trivalent rare earths in layered (LX) <sub>1.15</sub> NbX <sub>2</sub> chalcogenides. Physical Review B, 1994, 49, 6343-6345.	1.1	18
64	Transparent conducting thin films of GaInO <sub>3</sub> . Applied Physics Letters, 1994, 65, 115-117.	1.5	113
65	GaInO <sub>3</sub> : A new transparent conducting oxide. Applied Physics Letters, 1994, 64, 2071-2072.	1.5	99
66	Increases in giant magnetoresistance by ion irradiation. Physical Review B, 1994, 50, 3481-3484.	1.1	59
67	Superconductivity in RPt <sub>2</sub> B <sub>2</sub> C. Physical Review B, 1994, 49, 12384-12387.	1.1	82
68	Superconductivity at 23 K in yttrium palladium boride carbide. Nature, 1994, 367, 146-148.	13.7	572
69	Superconductivity in the quaternary intermetallic compounds LnNi <sub>2</sub> B <sub>2</sub> C. Nature, 1994, 367, 252-253.	13.7	867
70	Structure and Magnetic Properties of Epitaxial NiFe <sub>2</sub> O <sub>4</sub> Films. Materials Research Society Symposia Proceedings, 1994, 341, 41.	0.1	13
71	Transparent Conducting Films Of GaInO <sub>3</sub> By Sputtering. Materials Research Society Symposia Proceedings, 1994, 345, 241.	0.1	2
72	Transparent Conducting Films Grown By Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 1994, 345, 255.	0.1	3

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73	Giant magnetoresistance in Fe <sub>0.95</sub> Cr <sub>0.05</sub> /Cr multilayer films. Journal of Applied Physics, 1994, 75, 7052-7054.	1.1	4
74	Increased transition temperature in superconducting Na <sub>2</sub> CsC <sub>60</sub> by intercalation of ammonia. Nature, 1993, 362, 433-435.	13.7	126
75	Investigation of ternary transition-metal nitride systems by reactive cosputtering. Chemistry of Materials, 1993, 5, 32-35.	3.2	14
76	Fabrication and properties of epitaxial ferroelectric heterostructures with (SrRuO <sub>3</sub> ) isotropic metallic oxide electrodes. Applied Physics Letters, 1993, 63, 2570-2572.	1.5	432
77	Magnetoresistance of SmMn <sub>2</sub> Ge <sub>2</sub> : A layered antiferromagnet. Physical Review B, 1993, 47, 6134-6137.	1.1	104
78	Enhanced giant magnetoresistance in Fe/Cr multilayer films by Cr alloying of the Fe layers. Applied Physics Letters, 1993, 63, 1279-1281.	1.5	27
79	Increased pinning energies and critical current densities in heavy-ion irradiated Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> single crystals. Applied Physics Letters, 1993, 62, 759-761.	1.5	5
80	Deposition and Properties of Epitaxial Ferrite Thin Films. Materials Research Society Symposia Proceedings, 1993, 317, 589.	0.1	3
81	Comparison of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-<math>\delta</math></sub> thin films grown on various perovskite substrates by coevaporation. Journal of Materials Research, 1992, 7, 2650-2657.	1.2	32
82	High-field magnetization scaling relations for pure and Ni-substituted single-crystal YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . Physical Review B, 1992, 46, 11092-11101.	1.1	30
83	Large electronic-density increase on cooling a layered metal: Doped Bi <sub>2</sub> Te <sub>3</sub> . Physical Review B, 1992, 46, 1553-1556.	1.1	96
84	Enhancement of flux pinning by H <sup>+</sup> and Xe <sup>+</sup> irradiation in epitaxial thin films of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-<math>\delta</math></sub> . Applied Physics Letters, 1992, 60, 2932-2934.	1.5	33
85	Enhancement of Flux Pinning Force by Ion Beam Irradiation of Epitaxial Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> Films. Materials Research Society Symposia Proceedings, 1992, 275, 293.	0.1	1
86	Growth mechanisms and properties of 90° grain boundaries in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> thin films. Physical Review B, 1992, 46, 11902-11913.	1.1	58
87	Field dependence of critical currents in polycrystalline Bi <sub>2</sub> Pb <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>2</sub> O superconductors. Applied Physics Letters, 1991, 59, 366-368.	1.5	4
88	Looking for new high-T <sub>c</sub> superconductors. AIP Conference Proceedings, 1991, , .	0.3	0
89	Fabrication of thin-film superconductors by bulk processing. Applied Physics Letters, 1991, 58, 1917-1919.	1.5	9
90	Anomalous composition dependence of anisotropy in amorphous Tb <sub>2</sub> Fe and Ho <sub>2</sub> Fe (abstract). Journal of Applied Physics, 1991, 69, 5466-5466.	1.1	0

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91	Selective electroless copper metallization of palladium silicide on silicon substrates. Applied Physics Letters, 1991, 59, 3449-3451.	1.5	12
92	Correlation of structural quality with superconducting behavior in epitaxial thin films of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-x</sub> on LaAlO <sub>3</sub> (100). Journal of Applied Physics, 1991, 70, 4982-4988.	1.1	34
93	Critical currents and magnetization in c-axis textured Bi <sub>2</sub> Pb <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O superconductors. Applied Physics Letters, 1991, 58, 868-870.	1.5	77
94	Superconductivity at 60 K in La <sub>2-x</sub> Sr <sub>x</sub> CaCu <sub>2</sub> O <sub>6</sub> : the simplest double-layer cuprate. Nature, 1990, 345, 602-604.	13.7	249
95	Critical currents in proton-irradiated single-crystal Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-x</sub> . Applied Physics Letters, 1990, 56, 2681-2683.	1.5	91
96	Nonsuperconducting BaSn <sub>1-x</sub> Sb <sub>x</sub> O <sub>3</sub> : The 5s-orbital analog of BaPb <sub>1-x</sub> Bi <sub>x</sub> O <sub>3</sub> . Physical Review B, 1990, 42, 4815-4818.	1.1	91
97	Optimization of annealing parameters for the growth of epitaxial Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-x</sub> films on LaAlO <sub>3</sub> (100). Journal of Applied Physics, 1990, 68, 6353-6360.	1.1	74
98	Bulk superconductivity in single CuO layer Bi <sub>2</sub> Sr <sub>2</sub> Cu <sub>2</sub> O ceramics. Applied Physics Letters, 1990, 57, 2362-2364.	1.5	14
99	Dissipative flux motion in high-temperature superconductors. Physical Review B, 1990, 41, 6621-6632.	1.1	676
100	Sharp angular sensitivity of pinning due to twin boundaries in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> . Applied Physics Letters, 1990, 56, 2465-2467.	1.5	107
101	Enhancement of the critical current by grain size refinement in Ta-co-sputtered NbN thin films. Journal of Applied Physics, 1989, 66, 3136-3143.	1.1	6
102	Critical currents and thermally activated flux motion in high-temperature superconductors. Applied Physics Letters, 1989, 54, 763-765.	1.5	319
103	Low-field flux-flow resistivity in Bi <sub>2.2</sub> Sr <sub>2</sub> Ca <sub>0.8</sub> Cu <sub>2</sub> BO <sub>8-x</sub> . Physical Review B, 1989, 39, 4800-4803.	1.1	32
104	Magnetic and structural investigation of the composition dependence of the local order in amorphous Tb-Fe. Physical Review B, 1989, 39, 10591-10605.	1.1	29
105	Large magnetic hysteresis in a melt-textured Y-Ba-Cu superconductor. Applied Physics Letters, 1989, 54, 584-586.	1.5	154
106	Anisotropic critical currents in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> analyzed using an extended Bean model. Applied Physics Letters, 1989, 55, 283-285.	1.5	804
107	Extraordinary effect of aluminum substitution on the upper critical field of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> . Physical Review B, 1989, 39, 2932-2935.	1.1	26
108	Composition and deposition temperature dependence of the structure of oxidized thin film amorphous Tb-Fe. Journal of Applied Physics, 1989, 65, 2847-2851.	1.1	5

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109	Critical currents near 106 A cm <sup>-2</sup> at 77 K in neutron-irradiated single-crystal YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . Nature, 1989, 342, 55-57.	13.7	234
110	Low-resistivity contacts to bulk high-T <sub>c</sub> superconductors. Applied Physics Letters, 1989, 54, 2605-2607.	1.5	41
111	Growth of superconducting single crystals in the Bi-Sr-Ca-Cu-O system from alkali chloride fluxes. Nature, 1988, 332, 422-424.	13.7	141
112	Structure and physical properties of single crystals of the 84-K superconductor Bi <sub>2.2</sub> Sr <sub>2</sub> Ca <sub>0.8</sub> Cu <sub>2</sub> O <sub>8+δ</sub> . Physical Review B, 1988, 38, 893-896.	1.1	646
113	High critical currents in Y-Ba-Cu-O superconductors. Applied Physics Letters, 1988, 52, 2074-2076.	1.5	808
114	Magnetization and critical currents of Bi-Sr-Ca-Cu-O and Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> superconductors. Applied Physics Letters, 1988, 53, 2223-2225.	1.5	21
115	Critical current densities in single-crystal Bi <sub>2.2</sub> Sr <sub>2</sub> Ca <sub>0.8</sub> Cu <sub>2</sub> O <sub>8+δ</sub> . Applied Physics Letters, 1988, 52, 1910-1912.	1.5	72
116	Effects of ion irradiation on the normal state and superconducting properties of NbN thin films. Physical Review B, 1988, 38, 2354-2361.	1.1	20
117	Correlation of grain boundary defect structure with boundary orientation in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7-δ</sub> . Applied Physics Letters, 1988, 53, 2105-2107.	1.5	23
118	Melt-textured growth of polycrystalline YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> with high transport J <sub>c</sub> at 77 K. Physical Review B, 1988, 37, 7850-7853.	1.1	532
119	Ba <sub>2-x</sub> LaxYCu <sub>3</sub> O <sub>7±δ</sub> perovskite compounds: Crystal chemistry. Physical Review B, 1988, 37, 5912-5915.	1.1	67
120	Summary Abstract: Duplex coatings for the protection of magneto-optic alloys against oxidation and corrosion. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1988, 6, 1862-1862.	0.9	0
121	Angular dependence of the upper critical field of Bi <sub>2.2</sub> Sr <sub>2</sub> Ca <sub>0.8</sub> Cu <sub>2</sub> O <sub>8+δ</sub> . Physical Review B, 1988, 38, 5102-5105.	1.1	210
122	Fabrication and properties of high-T <sub>c</sub> superconducting wires. Journal of Applied Physics, 1988, 64, 5896-5898.	1.1	17
123	Angular dependence of the magnetic-field-induced resistive transition in single-crystal Bi <sub>2.2</sub> Sr <sub>2</sub> Ca <sub>0.8</sub> Cu <sub>2</sub> O <sub>8+δ</sub> . Physical Review B, 1988, 38, 7045-7048.	1.1	13
124	Superconducting thin films of high T <sub>c</sub> cuprates prepared by spin-on/pyrolysis. AIP Conference Proceedings, 1988, , .	0.3	3
125	Oxidation of an Amorphous Iron-Terbium Alloy. Journal of the Electrochemical Society, 1987, 134, 235-239.	1.3	17
126	Magneto-optical study of uranium additions to amorphous Tb <sub>x</sub> Fe <sub>1-x</sub> . Journal of Applied Physics, 1987, 61, 1103-1107.	1.1	10



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127	Preparation of superconducting thin films of Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> by a novel spin-on pyrolysis technique. Applied Physics Letters, 1987, 51, 1842-1844.	1.5	83
128	Direction of the easy axis in amorphous Tb-Fe (abstract). Journal of Applied Physics, 1987, 61, 3249-3249.	1.1	1
129	Stress and field dependence of critical current in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> superconductors. Applied Physics Letters, 1987, 51, 855-857.	1.5	43
130	New superconducting cuprate perovskites. Physical Review Letters, 1987, 58, 1888-1890.	2.9	380
131	Duplex coatings for the protection of magneto-optic alloys against oxidation and corrosion. Applied Physics Letters, 1987, 51, 542-544.	1.5	5
132	Electronic properties of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> high-T <sub>c</sub> superconductors. Physical Review B, 1987, 35, 5340-5342.	1.1	119
133	Composition-dependent superconductivity in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . Physical Review B, 1987, 35, 5337-5339.	1.1	149
134	Batlogg, Cava, and van Dover Reply. Physical Review Letters, 1987, 59, 2616-2616.	2.9	5
135	Isotope Effect in the High-T <sub>c</sub> Superconductors Ba <sub>2</sub> YCu <sub>3</sub> O <sub>7</sub> and Ba <sub>2</sub> EuCu <sub>3</sub> O <sub>7</sub> . Physical Review Letters, 1987, 58, 2333-2336.	2.9	519
136	Bulk superconductivity at 36 K in La <sub>1.8</sub> Sr <sub>0.2</sub> CuO <sub>4</sub> . Physical Review Letters, 1987, 58, 408-410.	2.9	1,009
137	High T <sub>c</sub> superconductors composite wire fabrication. Applied Physics Letters, 1987, 51, 203-204.	1.5	191
138	Preparation of Superconducting thin Films of High T <sub>c</sub> Cuprates by a Novel Spin-on/Pyrolysis Technique. Materials Research Society Symposia Proceedings, 1987, 99, 677.	0.1	1
139	Effects of Oxygen Stoichiometry on Structure and Properties in Ba <sub>2</sub> YCu <sub>3</sub> O <sub>x</sub> . ACS Symposium Series, 1987, , 181-191.	0.5	15
140	Bulk superconductivity at 91 K in single-phase oxygen-deficient perovskite Ba <sub>2</sub> YCu <sub>3</sub> O <sub>9</sub> . Physical Review Letters, 1987, 58, 1676-1679.	2.9	1,588
141	The magnetic phase diagram of SmMn <sub>2</sub> Ge <sub>2</sub> . Journal of Applied Physics, 1987, 61, 4237-4239.	1.1	53
142	Unexpected unidirectional anisotropy in amorphous Tb-Fe/Ni-Fe-Mo bilayer films. Applied Physics Letters, 1987, 50, 296-298.	1.5	32
143	Magnetic behavior of diluted lanthanoid pnictide systems. Journal of Applied Physics, 1987, 61, 3543-3545.	1.1	8
144	Superconductivity in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> single crystals. Nature, 1987, 328, 601-603.	13.7	338

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145	dc magnetron and diode sputtered polycrystalline Fe and amorphous Tb(FeCo) films: Morphology and magnetic properties. Journal of Applied Physics, 1986, 59, 551-556.	1.1	36
146	Magnetic Properties of Gd-Substituted Yttrium Nitride. Materials Research Society Symposia Proceedings, 1986, 89, 147.	0.1	2
147	Microstructures of thin sputtered amorphous Tb <sub>0.26</sub> Fe <sub>0.74</sub> and polycrystalline Fe films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1986, 4, 543-546.	0.9	11
148	Microstructure of magnetron co sputtered CoCr thin films. Applied Physics Letters, 1986, 49, 1308-1310.	1.5	6
149	Effect of oxidation on the magnetic properties of unprotected TbFe thin films. Journal of Applied Physics, 1986, 59, 1291-1296.	1.1	86
150	Summary Abstract: Oxidation of a terbium-iron alloy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1986, 4, 1631-1632.	0.9	3
151	Intrinsic anisotropy of Tb-Fe films prepared by magnetron Co sputtering. Journal of Applied Physics, 1985, 57, 3897-3899.	1.1	83
152	A simple inductive contactless switch. Journal of Applied Physics, 1985, 57, 3798-3799.	1.1	1
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