

R B Van Dover

List of Publications by Year in descending order

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162
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6852
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk superconductivity at 91 K in single-phase oxygen-deficient perovskite $\text{Ba}_{2}\text{YCu}_{3}\text{O}_{9-x}$. Physical Review Letters, 1987, 58, 1676-1679.	2.9	1,588
2	Bulk superconductivity at 36 K in $\text{La}_{1.8}\text{Sr}_{0.2}\text{CuO}_4$. Physical Review Letters, 1987, 58, 408-410.	2.9	1,009
3	Superconductivity in the quaternary intermetallic compounds $\text{LnNi}_2\text{B}_2\text{C}$. Nature, 1994, 367, 252-253.	13.7	867
4	High critical currents in $\text{YBa}_2\text{Cu}_3\text{O}_7$ superconductors. Applied Physics Letters, 1988, 52, 2074-2076.	1.5	808
5	Anisotropic critical currents in $\text{Ba}_2\text{YCu}_3\text{O}_7$ analyzed using an extended Bean model. Applied Physics Letters, 1989, 55, 283-285.	1.5	804
6	Dissipative flux motion in high-temperature superconductors. Physical Review B, 1990, 41, 6621-6632.	1.1	676
7	Structure and physical properties of single crystals of the 84-K superconductor $\text{Bi}_2\text{Sr}_2\text{Ca}_0.8\text{Cu}_2\text{O}_8$. Physical Review B, 1988, 38, 893-896.	1.1	646
8	Superconductivity at 23 K in yttrium palladium boride carbide. Nature, 1994, 367, 146-148.	13.7	572
9	Melt-textured growth of polycrystalline $\text{YBa}_2\text{Cu}_3\text{O}_7$ with high transport J_c at 77 K. Physical Review B, 1988, 37, 7850-7853.	1.1	532
10	Isotope Effect in the High-Tc Superconductors $\text{Ba}_2\text{YCu}_3\text{O}_7$ and $\text{Ba}_2\text{EuCu}_3\text{O}_7$. Physical Review Letters, 1987, 58, 2333-2336.	2.9	519
11	Fabrication and properties of epitaxial ferroelectric heterostructures with (SrRuO_3) isotropic metallic oxide electrodes. Applied Physics Letters, 1993, 63, 2570-2572.	1.5	432
12	High critical currents in iron-clad superconducting MgB_2 wires. Nature, 2001, 411, 563-565.	13.7	428
13	New superconducting cuprate perovskites. Physical Review Letters, 1987, 58, 1888-1890.	2.9	380
14	Discovery of a useful thin-film dielectric using a composition-spread approach. Nature, 1998, 392, 162-164.	13.7	345
15	Superconductivity in $\text{YBa}_2\text{Cu}_3\text{O}_7$ single crystals. Nature, 1987, 328, 601-603.	13.7	338
16	Critical currents and thermally activated flux motion in high-temperature superconductors. Applied Physics Letters, 1989, 54, 763-765.	1.5	319
17	The role of strain in magnetic anisotropy of manganite thin films. Applied Physics Letters, 1997, 71, 140-142.	1.5	287
18	Superconductivity at 60 K in $\text{La}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_6$: the simplest double-layer cuprate. Nature, 1990, 345, 602-604.	13.7	249

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19	Critical currents near 106 A cm ⁻² at 77 K in neutron-irradiated single-crystal YBa ₂ Cu ₃ O ₇ . Nature, 1989, 342, 55-57.	13.7	234
20	Angular dependence of the upper critical field of Bi _{2.2} Sr ₂ Ca _{0.8} Cu ₂ O ₈ + δ . Physical Review B, 1988, 38, 5102-5105.	1.1	210
21	Defect dominated charge transport in amorphous Ta ₂ O ₅ thin films. Journal of Applied Physics, 2000, 88, 850-862.	1.1	203
22	High T _c superconductors' composite wire fabrication. Applied Physics Letters, 1987, 51, 203-204.	1.5	191
23	Structure and magnetic properties of epitaxial spinel ferrite thin films. Applied Physics Letters, 1996, 68, 714-716.	1.5	170
24	Large magnetic hysteresis in a melt-textured Y-Ba-Cu-O superconductor. Applied Physics Letters, 1989, 54, 584-586.	1.5	154
25	Composition-dependent superconductivity in La _{2-x} Sr _x CuO ₄ . Physical Review B, 1987, 35, 5337-5339.	1.1	149
26	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
27	Increased transition temperature in superconducting Na ₂ CsC ₆ O by intercalation of ammonia. Nature, 1993, 362, 433-435.	13.7	126
28	Amorphous lanthanide-doped TiO _x dielectric films. Applied Physics Letters, 1999, 74, 3041-3043.	1.5	125
29	Electronic properties of La _{2-x} Sr _x CuO ₄ high-T _c superconductors. Physical Review B, 1987, 35, 5340-5342.	1.1	119
30	Transparent conducting thin films of GaInO ₃ . Applied Physics Letters, 1994, 65, 115-117.	1.5	113
31	Properties of NbN thin films deposited on ambient temperature substrates. Journal of Applied Physics, 1983, 54, 6509-6516.	1.1	108
32	Sharp angular sensitivity of pinning due to twin boundaries in Ba ₂ YCu ₃ O ₇ . Applied Physics Letters, 1990, 56, 2465-2467.	1.5	107
33	Photoemission study of Zr- and Hf-silicates for use as high- $\hat{\rho}$ oxides: Role of second nearest neighbors and interface charge. Applied Physics Letters, 2002, 81, 1788-1790.	1.5	106
34	Epitaxial growth and magnetic behavior of NiFe ₂ O ₄ thin films. Journal of Materials Research, 1996, 11, 1187-1198.	1.2	105
35	Magnetoresistance of SmMn ₂ Ge ₂ : A layered antiferromagnet. Physical Review B, 1993, 47, 6134-6137.	1.1	104
36	Block copolymer self-assembly directed synthesis of mesoporous gyroidal superconductors. Science Advances, 2016, 2, e1501119.	4.7	104

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37	Magnetic anisotropy of doped manganite thin films and crystals. Journal of Applied Physics, 1998, 83, 7064-7066.	1.1	103
38	GaInO ₃ : A new transparent conducting oxide. Applied Physics Letters, 1994, 64, 2071-2072.	1.5	99
39	Large electronic-density increase on cooling a layered metal: Doped Bi ₂ Te ₃ . Physical Review B, 1992, 46, 1553-1556.	1.1	96
40	Critical currents in proton-irradiated single-crystal Ba ₂ YCu ₃ O _{7-x} . Applied Physics Letters, 1990, 56, 2681-2683.	1.5	91
41	Nonsuperconducting BaSn _{1-x} Sb _x O ₃ : The 5s-orbital analog of BaPb _{1-x} Bi _x O ₃ . Physical Review B, 1990, 42, 4815-4818.	1.1	91
42	Effect of oxidation on the magnetic properties of unprotected TbFe thin films. Journal of Applied Physics, 1986, 59, 1291-1296.	1.1	86
43	Intrinsic anisotropy of TbFe films prepared by magnetron Co sputtering. Journal of Applied Physics, 1985, 57, 3897-3899.	1.1	83
44	Preparation of superconducting thin films of Ba ₂ YCu ₃ O ₇ by a novel spin-on pyrolysis technique. Applied Physics Letters, 1987, 51, 1842-1844.	1.5	83
45	Superconductivity in RPt ₂ B ₂ C. Physical Review B, 1994, 49, 12384-12387.	1.1	82
46	Magnetic film inductors for radio frequency applications. Journal of Applied Physics, 1997, 82, 5247-5254.	1.1	82
47	Etching of high-k dielectric Zr _{1-x} Al _x O _y films in chlorine-containing plasmas. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 1361-1366.	0.9	81
48	Critical currents and magnetization in c-axis textured Bi ₂ Pb _{1-x} Sr _x Ca _{1-x} Cu ₂ O superconductors. Applied Physics Letters, 1991, 58, 868-870.	1.5	77
49	Optimization of annealing parameters for the growth of epitaxial Ba ₂ YCu ₃ O _{7-x} films on LaAlO ₃ (100). Journal of Applied Physics, 1990, 68, 6353-6360.	1.1	74
50	Critical current densities in single-crystal Bi _{2.2} Sr ₂ Ca _{0.8} Cu ₂ O _{8+x} . Applied Physics Letters, 1988, 52, 1910-1912.	1.5	72
51	Exchange coupling in single-crystalline spinel-structure (Mn,Zn)Fe ₂ O ₄ /CoFe ₂ O ₄ bilayers. Physical Review B, 1996, 53, 14016-14019.	1.1	71
52	Ba _{2-x} La _x YCu ₃ O _{7±δ} perovskite compounds: Crystal chemistry. Physical Review B, 1988, 37, 5912-5915.	1.1	67
53	High frequency properties of Fe-Cr-Ta-N soft magnetic films. Applied Physics Letters, 1997, 70, 3161-3163.	1.5	66
54	Superconductor-normal superconductor microbridges: Fabrication, electrical behavior, and modeling. Journal of Applied Physics, 1981, 52, 7327-7343.	1.1	60

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55	Increases in giant magnetoresistance by ion irradiation. <i>Physical Review B</i> , 1994, 50, 3481-3484.	1.1	59
56	High throughput screening of electrocatalysts for fuel cell applications. <i>Review of Scientific Instruments</i> , 2006, 77, 054104.	0.6	59
57	Growth mechanisms and properties of 90° grain boundaries in YBa ₂ Cu ₃ O ₇ thin films. <i>Physical Review B</i> , 1992, 46, 11902-11913.	1.1	58
58	High dielectric constant Hf _{0.8} Sn _{0.2} TiO thin films. <i>Applied Physics Letters</i> , 1999, 75, 1967-1969.	1.5	56
59	Ethanol-Promoted High-Yield Growth of Few-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 6389-6395.	1.5	56
60	The magnetic phase diagram of SmMn ₂ Ge ₂ . <i>Journal of Applied Physics</i> , 1987, 61, 4237-4239.	1.1	53
61	Stress and field dependence of critical current in Ba ₂ YCu ₃ O _{7-δ} superconductors. <i>Applied Physics Letters</i> , 1987, 51, 855-857.	1.5	43
62	Superconductive tunneling into NbN deposited near room temperature. <i>Applied Physics Letters</i> , 1982, 41, 764-766.	1.5	42
63	Low-resistivity contacts to bulk high-T _c superconductors. <i>Applied Physics Letters</i> , 1989, 54, 2605-2607.	1.5	41
64	Material and electrical characterization of carbon-doped Ta ₂ O ₅ films for embedded dynamic random access memory applications. <i>Journal of Applied Physics</i> , 2002, 91, 308.	1.1	41
65	dc magnetron and diode sputtered polycrystalline Fe and amorphous Tb(FeCo) films: Morphology and magnetic properties. <i>Journal of Applied Physics</i> , 1986, 59, 551-556.	1.1	36
66	Correlation of structural quality with superconducting behavior in epitaxial thin films of Ba ₂ YCu ₃ O _{7-δ} on LaAlO ₃ (100). <i>Journal of Applied Physics</i> , 1991, 70, 4982-4988.	1.1	34
67	Aging effects on amorphous Tb-transition metal films prepared by diode and magnetron sputtering. <i>Journal of Applied Physics</i> , 1985, 57, 3900-3902.	1.1	33
68	Enhancement of flux pinning by H ⁺ and Xe ⁺ irradiation in epitaxial thin films of Ba ₂ YCu ₃ O _{7-δ} . <i>Applied Physics Letters</i> , 1992, 60, 2932-2934.	1.5	33
69	Unexpected unidirectional anisotropy in amorphous TbFe/NiFeMo bilayer films. <i>Applied Physics Letters</i> , 1987, 50, 296-298.	1.5	32
70	Low-field flux-flow resistivity in Bi ₂ Sr ₂ Ca _{0.8} Cu ₂ BO ₈ + δ . <i>Physical Review B</i> , 1989, 39, 4800-4803.	1.1	32
71	Comparison of Ba ₂ YCu ₃ O _{7-δ} thin films grown on various perovskite substrates by coevaporation. <i>Journal of Materials Research</i> , 1992, 7, 2650-2657.	1.2	32
72	Interlayer exchange coupling in amorphous/crystalline NiFe ₂ O ₄ thin-film bilayers. <i>Journal of Applied Physics</i> , 1996, 79, 5926.	1.1	32

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73	Getter sputtering system for high-throughput fabrication of composition spreads. Review of Scientific Instruments, 2007, 78, 072212.	0.6	31
74	High-field magnetization scaling relations for pure and Ni-substituted single-crystal YBa ₂ Cu ₃ O ₇ . Physical Review B, 1992, 46, 11092-11101.	1.1	30
75	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
76	Specific heat of amorphous rare-earth transition-metal films. Physical Review B, 1998, 58, 5672-5683.	1.1	29
77	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
78	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
79	Extraordinary effect of aluminum substitution on the upper critical field of Ba ₂ YCu ₃ O ₇ . Physical Review B, 1989, 39, 2932-2935.	1.1	26
80	Analysis of current distribution in magnetic film inductors. Journal of Applied Physics, 1999, 85, 5202-5204.	1.1	26
81	Magnetic properties of epitaxial ferrite multilayer films. Journal of Applied Physics, 1996, 79, 5923.	1.1	25
82	Correlation of grain boundary defect structure with boundary orientation in Ba ₂ YCu ₃ O _{7-x} . Applied Physics Letters, 1988, 53, 2105-2107.	1.5	23
83	Composition-dependent crystallization of alternative gate dielectrics. Applied Physics Letters, 2003, 83, 1459-1461.	1.5	22
84	Magnetization and critical currents of Bi _{1-x} Sr _x Ca _{1-x} Cu _{1-x} O and Ba ₂ YCu ₃ O ₇ superconductors. Applied Physics Letters, 1988, 53, 2223-2225.	1.5	21
85	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
86	Crystallization kinetics in amorphous (Zr _{0.62} Al _{0.38})O _{1.8} thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 2779.	0.9	20
87	Trivalent rare earths in layered (LX) _{1.15} NbX ₂ chalcogenides. Physical Review B, 1994, 49, 6343-6345.	1.1	18
88	Effects of 3.1-MeV proton and 1-GeV Au-ion irradiation on the magnetic flux noise and critical current of YBa ₂ Cu ₃ O _{7-x} . Physical Review B, 1996, 54, 15411-15416.	1.1	18
89	Fe-Cr-N soft magnetic thin films. Journal of Applied Physics, 1997, 81, 4042-4044.	1.1	18
90	Oxidation of an Amorphous Iron-Terbium Alloy. Journal of the Electrochemical Society, 1987, 134, 235-239.	1.3	17

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91	Fabrication and properties of high-T _c superconducting wires. Journal of Applied Physics, 1988, 64, 5896-5898.	1.1	17
92	Resputtering phenomena and determination of composition in codeposited films. Physical Review B, 2007, 76, .	1.1	16
93	Ion beam oxidation for Josephson circuit applications. Applied Physics Letters, 1984, 44, 703-705.	1.5	15
94	Effects of Oxygen Stoichiometry on Structure and Properties in Ba ₂ YCu ₃ O _x . ACS Symposium Series, 1987, , 181-191.	0.5	15
95	Bulk superconductivity in single CuO layer Bi ₂ Sr ₂ Cu ₂ O ₈ ceramics. Applied Physics Letters, 1990, 57, 2362-2364.	1.5	14
96	Investigation of ternary transition-metal nitride systems by reactive cosputtering. Chemistry of Materials, 1993, 5, 32-35.	3.2	14
97	Angular dependence of the magnetic-field-induced resistive transition in single-crystal Bi _{2.2} Sr ₂ Ca _{0.8} Cu ₂ O _{8+δ} . Physical Review B, 1988, 38, 7045-7048.	1.1	13
98	Structure and Magnetic Properties of Epitaxial NiFe ₂ O ₄ Films. Materials Research Society Symposia Proceedings, 1994, 341, 41.	0.1	13
99	Selective electroless copper metallization of palladium silicide on silicon substrates. Applied Physics Letters, 1991, 59, 3449-3451.	1.5	12
100	Correlation of Vortex Motion in High-T _c Superconductors. Physical Review Letters, 1995, 74, 2796-2799.	2.9	12
101	Microstructures of thin sputtered amorphous Tb _{0.26} Fe _{0.74} and polycrystalline Fe films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1986, 4, 543-546.	0.9	11
102	Refractory superconductor S _n N ₅ microbridges. Applied Physics Letters, 1980, 37, 838-840.	1.5	10
103	Magneto-optical study of uranium additions to amorphous Tb _x Fe _{1-x} . Journal of Applied Physics, 1987, 61, 1103-1107.	1.1	10
104	Fabrication of thin film superconductors by bulk processing. Applied Physics Letters, 1991, 58, 1917-1919.	1.5	9
105	Correlation Between Temperature Coefficient of Resonant Frequency and Tetragonality Ratio. Journal of the American Ceramic Society, 2006, 89, 1144-1146.	1.9	9
106	Preparation of NbN by reactive magnetron sputtering using Ne and Kr inert diluents. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1984, 2, 1257-1260.	0.9	8
107	Magnetic behavior of diluted lanthanoid pnictide systems. Journal of Applied Physics, 1987, 61, 3543-3545.	1.1	8
108	Magnetically transduced surface acoustic wave devices. Journal of Applied Physics, 2000, 87, 6304-6306.	1.1	8

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109	Improvement of the low-frequency sensitivity of MgO-based magnetic tunnel junctions by annealing. Journal of Applied Physics, 2011, 109, .	1.1	8
110	Summary Abstract: Low temperature deposition and properties of superconducting NbN by reactive dc magnetron sputtering. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1983, 1, 365-366.	0.9	7
111	Superconducting Quantum Metamaterials from High Pressure Melt Infiltration of Metals into Block Copolymer Double Gyroid Derived Ceramic Templates. Advanced Functional Materials, 2021, 31, 2100469.	7.8	7
112	Microstructure of magnetron co-sputtered CoCr thin films. Applied Physics Letters, 1986, 49, 1308-1310.	1.5	6
113	Enhancement of the critical current by grain size refinement in Ta-sputtered NbN thin films. Journal of Applied Physics, 1989, 66, 3136-3143.	1.1	6
114	A model for calculating resputter rates in codeposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2008, 26, 1030-1036.	0.9	6
115	Dielectric response of tantalum oxide subject to induced ion bombardment during oblique sputter deposition. Journal of Applied Physics, 2009, 106, .	1.1	6
116	Duplex coatings for the protection of magneto-optic alloys against oxidation and corrosion. Applied Physics Letters, 1987, 51, 542-544.	1.5	5
117	Batlogg, Cava, and van Dover Reply. Physical Review Letters, 1987, 59, 2616-2616.	2.9	5
118	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
119	Increased pinning energies and critical current densities in heavily-ion-irradiated Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystals. Applied Physics Letters, 1993, 62, 759-761.	1.5	5
120	Field dependence of critical currents in polycrystalline Bi-Pb-Sr-Ca-Cu-O superconductors. Applied Physics Letters, 1991, 59, 366-368.	1.5	4
121	Giant magnetoresistance in Fe _{0.95} Cr _{0.05} /Cr multilayer films. Journal of Applied Physics, 1994, 75, 7052-7054.	1.1	4
122	Epitaxial Single Crystalline Ferrite Films for High Frequency Applications. Materials Research Society Symposia Proceedings, 1995, 401, 473.	0.1	4
123	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
124	Superconducting thin films of high T _c cuprates prepared by spin-on/pyrolysis. AIP Conference Proceedings, 1988, .	0.3	3
125	Deposition and Properties of Epitaxial Ferrite Thin Films. Materials Research Society Symposia Proceedings, 1993, 317, 589.	0.1	3
126	Transparent Conducting Films Grown By Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 1994, 345, 255.	0.1	3

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127	An approach to achieving a negative index of refraction using coincident resonances. Journal Physics D: Applied Physics, 2007, 40, 1161-1166.	1.3	3
128	Epitaxial (SrTiO ₃ ·NiO) _n ·MgO multiferroic heterostructure. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2007, 25, 37-41.	0.9	3
129	Dielectric enhancement in amorphous Ta _x Ge _{1-x} O _y thin films. Applied Physics Letters, 2012, 101, 092901.	1.5	3
130	Dielectric properties of amorphous ZrAl ₂ O and Zr-Si-O thin films. Journal of Advanced Dielectrics, 2015, 05, 1550010.	1.5	3
131	Magnetic sensors using FeCrNi alloys with square hysteresis loops. Journal of Applied Physics, 1984, 55, 2620-2622.	1.1	2
132	Magnetic Properties of Gd-Substituted Yttrium Nitride. Materials Research Society Symposia Proceedings, 1986, 89, 147.	0.1	2
133	Transparent Conducting Films Of GaInO ₃ By Sputtering. Materials Research Society Symposia Proceedings, 1994, 345, 241.	0.1	2
134	Magnetic Anisotropy and Lattice Distortions in The Doped Perovskite Manganites. Materials Research Society Symposia Proceedings, 1997, 494, 41.	0.1	2
135	Technique to measure sub-microsecond magnetic field pulses using magnetic (CoPt) thin films. Applied Physics Letters, 2005, 87, 182505.	1.5	2
136	Improvements in the Conductivity of n-type ZnO Through Codoping with Al and In. Materials Research Society Symposia Proceedings, 2007, 1035, 1.	0.1	2
137	A simple inductive contactless switch. Journal of Applied Physics, 1985, 57, 3798-3799.	1.1	1
138	Direction of the easy axis in amorphous TbFe (abstract). Journal of Applied Physics, 1987, 61, 3249-3249.	1.1	1
139	Preparation of Superconducting thin Films of High T _c Cuprates by a Novel Spin-on/Pyrolysis Technique. Materials Research Society Symposia Proceedings, 1987, 99, 677.	0.1	1
140	Enhancement of Flux Pinning Force by Ion Beam Irradiation of Epitaxial Ba ₂ Cu ₃ O _{7-δ} Films. Materials Research Society Symposia Proceedings, 1992, 275, 293.	0.1	1
141	The Effects of Strain on The Magnetic Anisotropy of Doped Manganite Thin Films. Materials Research Society Symposia Proceedings, 1997, 474, 205.	0.1	1
142	Improved properties of TaO _x films doped with Al and N. Materials Research Society Symposia Proceedings, 1998, 541, 561.	0.1	1
143	Magnetic Field Measurements in Wire-Array Z-Pinches and X Pinches. AIP Conference Proceedings, 2006, , ,	0.3	1
144	Effect of the Octahedral Bond Valence on Microwave Dielectric Properties of (1-x)Al _{0.5} Ta _{0.5} O _{2-x} Mg _{0.33} Ta _{0.67} O ₂ Ceramics. Journal of the American Ceramic Society, 2006, 89, 1083-1086.	1.9	1

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145	Design and Validation of High-Efficiency Chopper for Magnetoresistive Sensors. IEEE Transactions on Magnetics, 2012, 48, 2461-2466.	1.2	1
146	Dielectric properties of amorphous Biâ€“Tiâ€“O thin films. Journal of Advanced Dielectrics, 2021, 11, 2150009.	1.5	1
147	Ferritic Feâ€“Ni magnetic sensor wires with endâ€“toâ€“end voltageâ€“generating characteristics. Journal of Applied Physics, 1985, 57, 3800-3802.	1.1	0
148	Summary Abstract: Duplex coatings for the protection of magnetoâ€“optic alloys against oxidation and corrosion. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1988, 6, 1862-1862.	0.9	0
149	Looking for new high-Tc superconductors. AIP Conference Proceedings, 1991, , .	0.3	0
150	Anomalous composition dependence of anisotropy in amorphous Tbâ€“Fe and Hoâ€“Fe (abstract). Journal of Applied Physics, 1991, 69, 5466-5466.	1.1	0
151	Fe-Cr-N Based Nanocrystalline Soft Magnetic Thin Films. Materials Research Society Symposia Proceedings, 1997, 475, 445.	0.1	0
152	Temperature Dependence of Strong Exchange Coupling in Ferrite Heterostructures. Materials Research Society Symposia Proceedings, 1997, 475, 587.	0.1	0
153	High Dielectric Constant Hf-Ti-Sn-O Off-Axis Cosputtered Films. Materials Research Society Symposia Proceedings, 1998, 541, 567.	0.1	0
154	The Compositional Spread Approach to High-Dielectric Constant Materials and Materials for Integrated Optics. ACS Symposium Series, 2002, , 49-64.	0.5	0
155	Molecular volume and polarizability in the amorphous dielectric Zr _{0.2} Sn _{0.2} Ti _{0.6} O ₂ . Materials Research Society Symposia Proceedings, 2005, 902, 1.	0.1	0
156	Determining the Magnetic Field Near X-Pinch Plasma Discharges using Magnetic (COPT) Thin Films. IEEE International Conference on Plasma Science, 2005, , .	0.0	0
157	High-Throughput Measurement of Magnetostriction Using MEMS and Composition Spreads. Materials Research Society Symposia Proceedings, 2005, 894, 1.	0.1	0
158	A composition-spread approach to developing novel materials for optical amplifiers. , 2006, , .		0
159	Towards DRAM-Flash hybrid: Dual-speed low-voltage ferroelectric and charge memory. , 2013, , .		0
160	Tunable VO ₂ /Au hyperbolic metamaterial (Presentation Recording). , 2015, , .		0
161	Tunable VO ₂ /Au hyperbolic metamaterial. , 2015, , .		0
162	Superconducting Quantum Metamaterials: Superconducting Quantum Metamaterials from High Pressure Melt Infiltration of Metals into Block Copolymer Double Gyroid Derived Ceramic Templates (Adv. Funct. Mater. 23/2021). Advanced Functional Materials, 2021, 31, 2170166.	7.8	0