

Carmine Attanasio

List of Publications by Year in descending order

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185
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docs citations

185
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the substrate on the electrical transport and fluctuation processes in NbRe and NbReN ultrathin films for superconducting electronics applications. Scientific Reports, 2022, 12, 1573.	3.3	5
2	Superconducting Order Parameter Nucleation and Critical Currents in the Presence of Weak Stray Fields in Superconductor/Insulator/Ferromagnet Hybrids. Coatings, 2021, 11, 507.	2.6	2
3	Metamorphosis of discontinuity lines and rectification of magnetic flux avalanches in the presence of noncentrosymmetric pinning forces. Physical Review B, 2021, 103, .	3.2	10
4	NbReN: A disordered superconductor in thin film form for potential application as superconducting nanowire single photon detector. Physical Review Materials, 2021, 5, .	2.4	9
5	Universal size-dependent nonlinear charge transport in single crystals of the Mott insulator Ca ₂ RuO ₄ . Npj Quantum Materials, 2021, 6, .	5.2	4
6	Role of disorder in the superconducting proximity effect in $a\hat{c}$ bilayers. Physical Review B, 2021, 104, .	3.2	1
7	Drag Voltages in a Superconductor/Insulator/Ferromagnet Trilayer. Materials, 2021, 14, 7575.	2.9	1
8	Magnetotransport and magnetic properties of amorphous NdNi_5 thin films. Scientific Reports, 2020, 10, 13693.	3.3	9
9	Superconducting nanowire single photon detectors based on disordered NbRe films. Applied Physics Letters, 2020, 117, .	3.3	18
10	Progress towards innovative and energy efficient logic circuits. Journal of Physics: Conference Series, 2020, 1559, 012009.	0.4	0
11	Ultrathin superconducting NbRe microstrips with hysteretic voltage-current characteristic. Low Temperature Physics, 2020, 46, 379-382.	0.6	5
12	Magnetic flux avalanches in Nb/NbN thin films. Low Temperature Physics, 2020, 46, 365-371.	0.6	9
13	Proposal for a NbPy-based superconducting spin-valve. European Physical Journal: Special Topics, 2019, 228, 741-747.	2.6	0
14	Time response in carbon nanotube/Si based photodetectors. Sensors and Actuators A: Physical, 2019, 292, 71-76.	4.1	20
15	Emergence of a metallic metastable phase induced by electrical current in Ca ₂ RuO ₄ . Physical Review B, 2019, 100, .	3.2	21
16	Determination of the Transition Temperature of a Weak Ferromagnetic Thin Film by Means of an Evolution of the Method Based on the Arrott Plots. Journal of Superconductivity and Novel Magnetism, 2018, 31, 1127-1132.	1.8	16
17	Nd ₂ CeCuO ₄ ± $\hat{1}$ Ultrathin Films Crystalline Properties. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	2
18	Porous Silicon Templates for Superconducting Devices. , 2018, , 1133-1147.		0

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19	Proposal for a Nanoscale Superconductive Memory. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	6
20	Long-range proximity effect in Nb-based heterostructures induced by a magnetically inhomogeneous permalloy layer. New Journal of Physics, 2017, 19, 023037.	2.9	9
21	NbN superconducting nanonetwork fabricated using porous silicon templates and high-resolution electron beam lithography. Nanotechnology, 2017, 28, 465301.	2.6	5
22	Influence of the magnetic configuration on the vortex-lattice instability in Nb/permalloy bilayers. Physical Review B, 2017, 96, .	3.2	7
23	NbRe as candidate material for fast single photon detection. Applied Physics Letters, 2017, 111, .	3.3	21
24	$\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_{4\pm\delta}$ Ultra-Thin Films Grown by DC Sputtering Technique. , 2017, , .		0
25	Emergence of the stripe-domain phase in patterned permalloy films. Physical Review B, 2016, 94, .	3.2	22
26	Superconducting properties of noncentrosymmetric $\text{Nb}_{1-x}\text{Ta}_x\text{O}_{1.8}$ films probed by transport and tunneling experiments. Physical Review B, 2016, 94, .	3.2	19
27	Transport properties in aggregates of Nb nanowires templated by carbon nanotube films. Carbon, 2016, 105, 544-550.	10.3	8
28	Change of the topology of a superconducting thin film electromagnetically coupled with an array of ferromagnetic nanowires. Superconductor Science and Technology, 2016, 29, 015011.	3.5	8
29	Porous Silicon Templates for Superconducting Devices. , 2016, , 1-15.		1
30	Evidence of double-gap superconductivity in noncentrosymmetric $\text{Nb}_{1-x}\text{Ta}_x\text{O}_{1.8}$ crystals. Physical Review B, 2015, 91, .	3.2	26
31	Robustness of the T_c transition against compositional and structural ageing in superconductor/ferromagnetic/superconductor heterostructures. Physical Review B, 2015, 92, .	3.2	11
32	Resonant Andreev Spectroscopy in normal-Metal/thin-Ferromagnet/Superconductor Device: Theory and Application. Scientific Reports, 2015, 5, 17544.	3.3	10
33	Nonequilibrium fluctuations as a distinctive feature of weak localization. Scientific Reports, 2015, 5, 10705.	3.3	20
34	Superconducting nanowire quantum interference device based on Nb ultrathin films deposited on self-assembled porous Si templates. Nanotechnology, 2014, 25, 425205.	2.6	7
35	Thermodynamic nature of the T_c transition in superconductor/ferromagnet/superconductor trilayers. Physical Review B, 2014, 90, .	3.2	23
36	Point contact Andreev reflection spectroscopy on ferromagnet/superconductor bilayers. Physica C: Superconductivity and Its Applications, 2014, 503, 158-161.	1.2	5

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37	Magnetic memory effect in type-II superconductor/ferromagnet bilayers. Superconductor Science and Technology, 2014, 27, 055024.	3.5	2
38	Controllable morphology of flux avalanches in microstructured superconductors. Physical Review B, 2014, 89, .	3.2	41
39	Magnetic properties of ferromagnetic thin films obtained by Magneto-Optic Kerr Effect measurements. , 2014, , .		0
40	Interface Properties of Superconductor-Based Heterostructures from Critical Temperature Measurements. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2861-2862.	1.8	4
41	Magnetic properties of double exchange biased diluted magnetic alloy/ferromagnet/antiferromagnet trilayers. Journal of Physics Condensed Matter, 2013, 25, 176001.	1.8	3
42	Superconducting and Structural Properties of Nb/PdNi/Nb Trilayers. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1939-1943.	1.8	12
43	Microwave Properties of Nb/PdNi/Nb Trilayers. Journal of Superconductivity and Novel Magnetism, 2013, 26, 571-574.	1.8	10
44	Vortex matching effects in Nb thin films due to Ni nanopillars embedded in anodic aluminum oxide substrates. Superconductor Science and Technology, 2013, 26, 035001.	3.5	4
45	Transport properties of Nb/PdNi/Nb trilayers at microwave frequencies. , 2013, , .		0
46	Nonlinear current-voltage characteristics due to quantum tunneling of phase slips in superconducting Nb nanowire networks. Applied Physics Letters, 2013, 103, .	3.3	18
47	SUPERCritical STATES OF SUPERCONDUCTIVITY IN THE SUPERCONDUCTOR/FERROMAGNET MULTILAYERED NANOSTRUCTURES. , 2013, , .		0
48	NONVOLATILE SUPERCONDUCTING VALVE ON THE BASE OF FERROMAGNET/SUPERCONDUCTOR NANOSTRUCTURE. , 2013, , .		0
49	Quantum phase slips in superconducting Nb nanowire networks deposited on self-assembled Si templates. Applied Physics Letters, 2012, 101, .	3.3	22
50	Non-monotonic behaviour of the superconducting order parameter in Nb/PdNi bilayers observed through point contact spectroscopy. Superconductor Science and Technology, 2012, 25, 095017.	3.5	2
51	Vortex motion in Nb/PdNi/Nb trilayers: New aspects in the flux flow state. Physica C: Superconductivity and Its Applications, 2012, 479, 140-142.	1.2	11
52	Enhancement of the superconducting critical temperature in Nb/Py/Nb trilayers. Physica C: Superconductivity and Its Applications, 2012, 479, 170-172.	1.2	1
53	1D superconductivity in porous Nb ultrathin films. Physica C: Superconductivity and Its Applications, 2012, 479, 167-169.	1.2	1
54	Quasiparticle relaxation mechanisms in superconductor/ferromagnet bilayers. Journal of Physics Condensed Matter, 2012, 24, 083201.	1.8	14

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55	Effect of the variation of the exchange energy on the superconducting critical temperature of S/F/S trilayers. European Physical Journal B, 2011, 80, 445-449.	1.5	10
56	Quasiparticles relaxation processes in Nb/CuNi bilayers. European Physical Journal B, 2011, 83, 53-56.	1.5	6
57	Non-linear Flux Flow Resistance of Type-II Superconducting Films. Journal of Superconductivity and Novel Magnetism, 2011, 24, 81-87.	1.8	10
58	Transport Properties of Over-doped Epitaxial NdCeCuO Films. Journal of Superconductivity and Novel Magnetism, 2011, 24, 169-172.	1.8	1
59	Asymmetry of the Pinning Force in Thin Nb Films in Parallel Magnetic Field. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1553-1557.	1.8	1
60	X-ray scattering study of interfacial roughness in Nb/PdNi multilayers. Surface Science, 2011, 605, 1791-1796.	1.9	5
61	Quasiparticle energy relaxation times in NbN/CuNi nanostripes from critical velocity measurements. Physical Review B, 2011, 84, .	3.2	27
62	Multiple order parameter configurations in superconductor/ferromagnet multilayers. Physical Review B, 2011, 84, .	3.2	13
63	Evaluation of the specific boundary resistance of superconducting/weakly ferromagnetic hybrids by critical temperature measurements. Journal of Applied Physics, 2011, 110, 113904.	2.5	12
64	Static and dynamic properties of the vortex lattice in superconductor/weak ferromagnet bilayers. Superconductor Science and Technology, 2011, 24, 024017.	3.5	22
65	ELECTRIC TRANSPORT PROPERTIES AND CRITICAL CHARACTERISTICS OF SUPERCONDUCTOR/FERROMAGNET NANOSTRUCTURES. , 2011, , .		0
66	Two-Dimensional Regime in the Angular Dependence of the Upper Critical Field of Superconducting/Normal Metal Hybrids. Journal of Superconductivity and Novel Magnetism, 2010, 23, 329-332.	1.8	0
67	I-V characteristics and critical currents in superconducting/ferromagnetic bilayers. Physica C: Superconductivity and Its Applications, 2010, 470, 877-879.	1.2	9
68	New aspects of microwave properties of Nb in the mixed state. Physica C: Superconductivity and Its Applications, 2010, 470, 901-903.	1.2	21
69	Transport properties of nanoporated Nb thin films. Physica C: Superconductivity and Its Applications, 2010, 470, 957-959.	1.2	1
70	Asymmetry of the critical current and peak effect in superconducting multilayers. Superconductor Science and Technology, 2010, 23, 065019.	3.5	2
71	High field vortex matching effects in superconducting Nb thin films with a nanometer-sized square array of antidots. Journal of Applied Physics, 2010, 108, 053906.	2.5	18
72	Superconductor/Ferromagnet Hybrids: Bilayers and Spin Switching. Nanoscience and Technology, 2010, , 323-347.	1.5	6

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73	ELECTRIC TRANSPORT PROPERTIES OF OVERDOPED NdCeCuO THIN FILMS. , 2009, , .		0
74	Critical currents and pinning forces inNd $2\hat{x}$ CexCuO $4\hat{t}$ thin films. Physical Review B, 2009, 79, .	3.2	13
75	Proximity effect and interface transparency in Nb/Cu multilayers. Journal of Applied Physics, 2009, 106, 113917.	2.5	18
76	Nonmonotonic behavior of the anisotropy coefficient in superconductor-ferromagnet-superconductor trilayers. Physical Review B, 2009, 80, .	3.2	18
77	Magnetic field and temperature dependence of the critical vortex velocity in type-II superconducting films. Journal of Physics Condensed Matter, 2009, 21, 254207.	1.8	9
78	Upper critical magnetic fields in superconductor/ferromagnet hybrids. Journal of Physics Condensed Matter, 2009, 21, 254201.	1.8	0
79	Evidence of fractional matching states in nanoporated Nb thin film grown on porous silicon. Europhysics Letters, 2009, 88, 57006.	2.0	9
80	Resistive Transitions in S/F/S Trilayers. Solid State Phenomena, 2009, 152-153, 478-481.	0.3	2
81	Granularity and Linear Flux Dynamics in Sintered LaO 0.92 F 0.08 FeAs. Journal of Superconductivity and Novel Magnetism, 2009, 22, 609-612.	1.8	8
82	TRANSPORT PROPERTIES OF Nb THIN FILMS DEPOSITED ON POROUS Si SUBSTRATES. , 2009, , .		0
83	Thickness dependence of vortex critical velocity in wide Nb films. Physica C: Superconductivity and Its Applications, 2008, 468, 765-768.	1.2	19
84	Role of the external surfaces on the superconducting properties of superconductor/normal metal trilayers. Superlattices and Microstructures, 2008, 43, 86-92.	3.1	7
85	Surface and structural disorder in MBE and sputtering deposited Cu thin films revealed by X-ray measurements. Vacuum, 2008, 82, 556-560.	3.5	0
86	Resistive transitions in Nb/Cu 0.41 Ni 0.59 /Nb trilayers. JETP Letters, 2008, 88, 375-379.	1.4	10
87	Superconducting properties of Nb thin films deposited on porous silicon templates. Journal of Applied Physics, 2008, 104, 083917.	2.5	25
88	Flux flow velocity instability in wide superconducting films. Journal of Physics: Conference Series, 2008, 97, 012111.	0.4	18
89	Microscopic Proximity Effect Parameters In S/N And S/F Heterostructures. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 269-279.	0.3	1
90	Upper critical fields and interface transparency in superconductor/ferromagnet bilayers. Physical Review B, 2007, 76, .	3.2	24

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91	High-velocity instabilities in the vortex lattice of Nb/permalloy bilayers. Physical Review B, 2007, 76, .	3.2	24
92	Electrical resistivity and magnetic behavior of PdNi and CuNi thin films. Physical Review B, 2007, 75, .	3.2	22
93	STRUCTURE AND PROPERTIES OF SUPERCONDUCTOR/FERROMAGNET HYBRIDS. , 2007, , .		0
94	PROXIMITY EFFECT AND CRITICAL MAGNETIC FIELDS IN Nb/CuNi/Nb STRUCTURES. , 2007, , .		0
95	La_2CuO_4 and other unconventional superconductors. , 2007, , 303-315.		0
96	Angular Effects of the Critical Current in Nb/Pd Multilayer Structures. AIP Conference Proceedings, 2006, , .	0.4	0
97	Critical temperatures in proximity coupled Nb/Pd $_{0.86}$ Ni $_{0.14}$ bilayers. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 3015-3018.	0.8	2
98	Transport properties of Nb/PdNi bilayers. Journal of Physics and Chemistry of Solids, 2006, 67, 412-415.	4.0	1
99	Activation energy in $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3/\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}/\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ superconducting trilayers. European Physical Journal B, 2006, 51, 79-85.	1.5	8
100	Critical temperature and interface transparency of N/S/N triple layers: theory and experiment. European Physical Journal B, 2006, 52, 9-14.	1.5	18
101	Thickness dependence of pinning mechanisms in granular Nb thin films. Superconductor Science and Technology, 2006, 19, 1124-1129.	3.5	10
102	Angular effects of the critical current in Nb/Pd multilayers. Physical Review B, 2006, 74, .	3.2	0
103	Proximity Effect and Interface Transparency in Nb-based S/N and S/F Layered Structures. , 2006, , 241-249.		3
104	Interface transparency and proximity effect in Nb/Cu triple layers realized by sputtering and molecular beam epitaxy. Superconductor Science and Technology, 2005, 18, 1-8.	3.5	88
105	Superconducting proximity effect and interface transparency in Nb/Pd bilayers. Physical Review B, 2005, 72, .	3.2	57
106	Effect of geometrical symmetry on the angular dependence of the critical magnetic field in superconductor/normal metal multilayers. Physical Review B, 2005, 72, .	3.2	7
107	MULTILAYER AGAINST MONOLAYER BEHAVIOR IN PROXIMITY COUPLED SUPERCONDUCTING NANOSTRUCTURES. , 2005, , .		0
108	RESISTIVE TRANSITIONS IN EXTERNAL MAGNETIC FIELD IN $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3/\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ LAYERED NANOSTRUCTURES. , 2005, , .		0

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109	Interface transparency of Nb/Pd layered systems. European Physical Journal B, 2004, 38, 59-64.	1.5	26
110	Nucleation of superconductivity in finite metallic multilayers: Effect of the symmetry. European Physical Journal B, 2004, 41, 439-444.	1.5	8
111	Proximity effect in superconductor/highly paramagnetic Nb/Pd systems. Physica C: Superconductivity and Its Applications, 2004, 404, 95-98.	1.2	9
112	Pinning energy and irreversibility line in superconducting GdSr ₂ RuCu ₂ O ₈ . Physica C: Superconductivity and Its Applications, 2004, 411, 126-135.	1.2	28
113	Upper Critical Fields of Nb/Pd Multilayers. Journal of Low Temperature Physics, 2003, 130, 509-527.	1.4	14
114	Role of boundary conditions in improving the working characteristics of superconductor-based nanostructures. Microelectronic Engineering, 2003, 69, 346-349.	2.4	0
115	Effect of symmetry on the resistive characteristics of proximity coupled metallic multilayers. Physical Review B, 2003, 68, .	3.2	8
116	Evidence of vortex kink formation in antidotted layered superconductors. Physical Review B, 2002, 65, .	3.2	1
117	Increase of the critical current at the liquid-helium lambda point in superconducting perforated multilayers. Europhysics Letters, 2002, 60, 295-301.	2.0	1
118	Melting of the vortex lattice in perforated Nb/CuMn multilayers. Physica C: Superconductivity and Its Applications, 2002, 369, 254-257.	1.2	0
119	Tunnel measurements on Nb/CuMn multilayer based planar junctions. Physica C: Superconductivity and Its Applications, 2002, 369, 317-320.	1.2	0
120	Tunnel junctions based on superconducting/magnetic multilayers. Physica C: Superconductivity and Its Applications, 2002, 372-376, 31-33.	1.2	0
121	Ordering of the vortex lattice in Mo-Re films. European Physical Journal B, 2002, 25, 263-268.	1.5	1
122	Title is missing!. European Physical Journal B, 2002, 25, 263-268.	1.5	2
123	EFFECT OF THE SYMMETRY ON THE PROPERTIES OF SUPERCONDUCTOR/NORMAL METAL NANOSTRUCTURES. , 2001, , .		0
124	Scaling of $H_{c2}^{\perp}(T)$ in Nb/CuMn Multilayers. Journal of Superconductivity and Novel Magnetism, 2001, 14, 411-414.	0.5	1
125	The resistive anomaly and upward curvature of the perpendicular upper critical field in non-homogeneous superconductors. Journal of Physics Condensed Matter, 2001, 13, 3215-3221.	1.8	8
126	Realization and characterization of tunnel junctions based on Nb/CuMn multilayers. Superconductor Science and Technology, 2001, 14, 794-797.	3.5	0

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127	Dynamic vortex ordering in thin Nb/Ge films. <i>Physical Review B</i> , 2001, 63, .	3.2	13
128	Pinning force and peak effect in superconductor/normal-metal multilayers. <i>Physical Review B</i> , 2001, 63, .	3.2	3
129	Vortex lattice melting in perforated $\text{Nb}/(\text{Cu-Mn})$ multilayers. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2000, 80, 875-882.	0.6	2
130	Resistive transition and perpendicular critical magnetic field in perforated Nb/CuMn multilayers. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 618-619.	2.7	2
131	Surface impedance measurements of $\text{Nb}/(\text{Cu-Mn})$ artificial multilayers. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 955-956.	2.7	3
132	Anisotropy and transport properties of $(\text{Bi}_2\text{Sr}_2\text{CuO}_6)_m/(\text{CaCuO}_2)_n$ multilayers obtained by molecular beam epitaxy. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1903-1904.	1.2	0
133	Microwave Electrodynamics of low TC and high TC Systems with Coexisting Superconductivity and Magnetism. <i>International Journal of Modern Physics B</i> , 2000, 14, 2920-2925.	2.0	1
134	Upper Critical Field and Irreversibility Line in $\text{Bi}_2\text{Sr}_2\text{CuO}_6/\text{CaCuO}_2$ Superconducting Superlattices Obtained by MBE. <i>International Journal of Modern Physics B</i> , 2000, 14, 2767-2772.	2.0	1
135	Irreversibility line in Nb/CuMn multilayers with a regular array of antidots. <i>Physical Review B</i> , 2000, 62, 14461-14468.	3.2	6
136	Secondary ion mass spectrometry and x-ray analysis of superconducting Nb/Pd multilayers. <i>Journal of Applied Physics</i> , 2000, 87, 717-723.	2.5	4
137	Crossover from thermally activated to steady flow in the vortex dynamics of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ thin films. <i>Superconductor Science and Technology</i> , 1999, 12, 533-537.	3.5	4
138	Bi-Based Superconducting Multilayers Obtained by Molecular Beam Epitaxy. <i>International Journal of Modern Physics B</i> , 1999, 13, 991-996.	2.0	0
139	Properties of $\text{Bi}_{2-x}\text{Sr}_x\text{CuO}_6$ thin films obtained by MBE. <i>Thin Solid Films</i> , 1999, 353, 227-232.	1.8	6
140	$\text{Bi}_2\text{Sr}_2\text{CuO}_6/\text{ACuO}_2$ (A=Ca,Sr) superconducting multilayers obtained by Molecular Beam Epitaxy. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 316, 215-223.	1.2	7
141	Upper critical magnetic field and vortex pinning in superconducting/spin glass multilayers. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 312, 112-120.	1.2	11
142	Superconductivity in $\text{Bi}/\text{Sr}/\text{CuO}/(\text{Sr,Ca})\text{CuO}$ multilayers obtained by molecular beam epitaxy. <i>IEEE Transactions on Applied Superconductivity</i> , 1999, 9, 2006-2009.	1.7	1
143	Effects of the internal strain on the magnetic differential permeability and the stress sensitivity in Co/Cu multilayers. <i>Journal Physics D: Applied Physics</i> , 1998, 31, 287-290.	2.8	1
144	Critical-temperature-oscillations dependence on Mn concentration in superconducting Nb/CuMn multilayers. <i>Physical Review B</i> , 1998, 57, 14411-14415.	3.2	14

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145	Angular dependence of the upper critical field in Nb/CuMn multilayers. Physical Review B, 1998, 57, 6056-6060.	3.2	17
146	Vortex properties in superconducting Nb/Pd multilayers. Physical Review B, 1998, 57, 7922-7929.	3.2	21
147	Pinning in superconducting normal metal superlattices. , 1998, , .		1
148	Systematic analysis of the critical temperature oscillations in superconducting (Nb)/spin-glass (CuMn) multilayers. , 1998, , .		0
149	Pinning forces in Nb/CuMn multilayers. , 1998, , .		0
150	Disorder and vortex dynamics in high- superconductors. Superconductor Science and Technology, 1997, 10, 119-122.	3.5	7
151	Properties of YNi ₂ B ₂ C superconducting thin films. Physical Review B, 1997, 56, 934-939.	3.2	20
152	Current dependence of pinning energy and flux dynamics in high temperature superconductors. IEEE Transactions on Applied Superconductivity, 1997, 7, 1173-1176.	1.7	1
153	BSCCO thin films obtained by MBE coevaporation method. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 1041-1046.	0.4	0
154	Design of a NDE instrumentation prototype with high-temperature SQUIDS. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1997, 19, 1495-1500.	0.4	0
155	Scaling of I_c curves and flux creep in high-T _c superconductors. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2019-2020.	1.2	2
156	A New Project on Nondestructive Evaluation with High Temperature SQUIDS. , 1997, , 1083-1090.		1
157	Superconducting Properties of Nb/CuMn Multilayers. , 1997, , 415-423.		0
158	Superconducting and structural properties of Nb/Pd(Mn) multilayers. European Physical Journal D, 1996, 46, 717-718.	0.4	0
159	Superconducting-critical-temperature oscillations in Nb/CuMn multilayers. Physical Review B, 1996, 53, 14040-14042.	3.2	73
160	Quantum vortex melting in Nb/CuMn multilayers. Physical Review B, 1996, 53, 1087-1090.	3.2	15
161	Temperature scaling of the flux pinning force in Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _{8+x} thin films. Journal of Applied Physics, 1996, 79, 4228.	2.5	10
162	Magnetic field dependence of pinning mechanisms in Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _{8+x} thin films. Physica C: Superconductivity and Its Applications, 1995, 255, 239-246.	1.2	28

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163	Surface impedance measurements of superconducting V ₃ Si films by a microstrip resonator technique. Journal of Applied Physics, 1995, 78, 1862-1865.	2.5	7
164	Nb lift-off procedure for micropatterning Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _{8-x} thin films. Journal of Applied Physics, 1995, 77, 2196-2198.	2.5	2
165	Superconducting properties of Nb-CuMn multilayers. Journal of Applied Physics, 1995, 77, 2081-2086.	2.5	14
166	Experimental investigation of pinning potential shape in Bi-Sr-Ca-Cu-O films. IEEE Transactions on Applied Superconductivity, 1995, 5, 1359-1362.	1.7	5
167	Superconducting BSCCO thin films obtained by MBE. Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics, 1994, 16, 1961-1965.	0.4	1
168	Superconducting spin-glass multilayers. Physica B: Condensed Matter, 1994, 194-196, 1721-1722.	2.7	2
169	Superconducting and structural properties of BSCCO thin films by molecular beam epitaxy. Cryogenics, 1994, 34, 859-862.	1.7	12
170	High energy particle detection by (NbV)N superconducting strip. Cryogenics, 1994, 34, 867-869.	1.7	0
171	X-rays operation of a thin film NbVN superconducting-strip particle detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 348, 127-130.	1.6	6
172	Ion emission from an electronically perturbed solid surface. Nuclear Instruments & Methods in Physics Research B, 1994, 88, 365-368.	1.4	7
173	Explanation of the resistance-peak anomaly in nonhomogeneous superconductors. Physical Review B, 1993, 47, 15302-15303.	3.2	65
174	Surface impedance measurements of superconducting (NbTi)N films by a ring microstrip resonator technique. Journal of Applied Physics, 1993, 73, 4500-4506.	2.5	29
175	Surface resistance of superconducting films by a microstrip ring resonator technique. IEEE Transactions on Applied Superconductivity, 1993, 3, 1453-1456.	1.7	2
176	Nonlinear V-characteristics above T _c (R=0) in Bi-Sr-Ca-Cu-O thin films. Physical Review B, 1992, 46, 9244-9246.	3.2	2
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