

Carmine Attanasio

List of Publications by Year in descending order

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185
papers

1,719
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361413

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185
all docs

185
docs citations

185
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Residual surface resistance of polycrystalline superconductors. Physical Review B, 1991, 43, 6128-6131.	3.2	83
3	Superconducting-critical-temperature oscillations in Nb/CuMn multilayers. Physical Review B, 1996, 53, 14040-14042.	3.2	73
4	Explanation of the resistance-peak anomaly in nonhomogeneous superconductors. Physical Review B, 1993, 47, 15302-15303.	3.2	65
5	Superconducting proximity effect and interface transparency in Nb ⁺ /PdNi bilayers. Physical Review B, 2005, 72, .	3.2	57
6	Controllable morphology of flux avalanches in microstructured superconductors. Physical Review B, 2014, 89, .	3.2	41
7	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
8	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
9	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
10	Quasiparticle energy relaxation times in NbN/CuNi nanostripes from critical velocity measurements. Physical Review B, 2011, 84, .	3.2	27
11	Interface transparency of Nb/Pd layered systems. European Physical Journal B, 2004, 38, 59-64.	1.5	26
12	Evidence of double-gap superconductivity in noncentrosymmetric $\text{Nb}_{1-x}\text{Ta}_x\text{O}_{1.8}$ crystals. Physical Review B, 2015, 91, .	2.6	26
13	Superconducting properties of Nb thin films deposited on porous silicon templates. Journal of Applied Physics, 2008, 104, 083917.	2.5	25
14	Upper critical fields and interface transparency in superconductor/ferromagnet bilayers. Physical Review B, 2007, 76, .	3.2	24
15	High-velocity instabilities in the vortex lattice of Nb/permalloy bilayers. Physical Review B, 2007, 76, .	3.2	24
16	Thermodynamic nature of the T_c transition in superconductor/ferromagnet/superconductor trilayers. Physical Review B, 2014, 90, .	3.2	23
17	Electrical resistivity and magnetic behavior of PdNi and CuNi thin films. Physical Review B, 2007, 75, .	3.2	22
18	Static and dynamic properties of the vortex lattice in superconductor/weak ferromagnet bilayers. Superconductor Science and Technology, 2011, 24, 024017.	3.5	22

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19	Quantum phase slips in superconducting Nb nanowire networks deposited on self-assembled Si templates. Applied Physics Letters, 2012, 101, .	3.3	22
20	Emergence of the stripe-domain phase in patterned permalloy films. Physical Review B, 2016, 94, .	3.2	22
21	Vortex properties in superconducting Nb/Pd multilayers. Physical Review B, 1998, 57, 7922-7929.	3.2	21
22	New aspects of microwave properties of Nb in the mixed state. Physica C: Superconductivity and Its Applications, 2010, 470, 901-903.	1.2	21
23	NbRe as candidate material for fast single photon detection. Applied Physics Letters, 2017, 111, .	3.3	21
24	Emergence of a metallic metastable phase induced by electrical current in Ca ₂ RuO ₄ . Physical Review B, 2019, 100, .	3.2	21
25	Properties of YNi ₂ B ₂ C superconducting thin films. Physical Review B, 1997, 56, 934-939.	3.2	20
26	Nonequilibrium fluctuations as a distinctive feature of weak localization. Scientific Reports, 2015, 5, 10705.	3.3	20
27	Time response in carbon nanotube/Si based photodetectors. Sensors and Actuators A: Physical, 2019, 292, 71-76.	4.1	20
28	Thickness dependence of vortex critical velocity in wide Nb films. Physica C: Superconductivity and Its Applications, 2008, 468, 765-768.	1.2	19
29	Superconducting properties of noncentrosymmetric $\text{Nb}_{1-x}\text{Ta}_x$ films probed by transport and tunneling experiments. Physical Review B, 2016, 94, .	3.2	19
30	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
31	Flux flow velocity instability in wide superconducting films. Journal of Physics: Conference Series, 2008, 97, 012111.	0.4	18
32	Proximity effect and interface transparency in Nb/Cu multilayers. Journal of Applied Physics, 2009, 106, 113917.	2.5	18
33	Nonmonotonic behavior of the anisotropy coefficient in superconductor-ferromagnet-superconductor trilayers. Physical Review B, 2009, 80, .	3.2	18
34	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
35	Nonlinear current-voltage characteristics due to quantum tunneling of phase slips in superconducting Nb nanowire networks. Applied Physics Letters, 2013, 103, .	3.3	18
36	Superconducting nanowire single photon detectors based on disordered NbRe films. Applied Physics Letters, 2020, 117, .	3.3	18

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37	Angular dependence of the upper critical field in Nb/CuMn multilayers. <i>Physical Review B</i> , 1998, 57, 6056-6060.	3.2	17
38	Determination of the Transition Temperature of a Weak Ferromagnetic Thin Film by Means of an Evolution of the Method Based on the Arrott Plots. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 1127-1132.	1.8	16
39	Quantum vortex melting in Nb/CuMn multilayers. <i>Physical Review B</i> , 1996, 53, 1087-1090.	3.2	15
40	Superconducting properties of Nb/CuMn multilayers. <i>Journal of Applied Physics</i> , 1995, 77, 2081-2086.	2.5	14
41	Critical-temperature-oscillations dependence on Mn concentration in superconducting Nb/CuMn multilayers. <i>Physical Review B</i> , 1998, 57, 14411-14415.	3.2	14
42	Upper Critical Fields of Nb/Pd Multilayers. <i>Journal of Low Temperature Physics</i> , 2003, 130, 509-527.	1.4	14
43	Quasiparticle relaxation mechanisms in superconductor/ferromagnet bilayers. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 083201.	1.8	14
44	Dynamic vortex ordering in thin Nb ₇₀ Ge ₃₀ films. <i>Physical Review B</i> , 2001, 63, .	3.2	13
45	Critical currents and pinning forces in Nd _{2-x} Ce _x CuO ₄ thin films. <i>Physical Review B</i> , 2009, 79, .	3.2	13
46	Multiple order parameter configurations in superconductor/ferromagnet multilayers. <i>Physical Review B</i> , 2011, 84, .	3.2	13
47	Superconducting and structural properties of BSCCO thin films by molecular beam epitaxy. <i>Cryogenics</i> , 1994, 34, 859-862.	1.7	12
48	Evaluation of the specific boundary resistance of superconducting/weakly ferromagnetic hybrids by critical temperature measurements. <i>Journal of Applied Physics</i> , 2011, 110, 113904.	2.5	12
49	Superconducting and Structural Properties of Nb/PdNi/Nb Trilayers. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 1939-1943.	1.8	12
50	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
51	Vortex motion in Nb/PdNi/Nb trilayers: New aspects in the flux flow state. <i>Physica C: Superconductivity and Its Applications</i> , 2012, 479, 140-142.	1.2	11
52	Robustness of the transition against compositional and structural ageing in superconductor/ferromagnetic/superconductor heterostructures. <i>Physical Review B</i> , 2015, 92, .	3.2	11
53	REALIZATION AND CHARACTERIZATION OF e-BEAM COMPLETELY EVAPORATED BSCCO THIN FILMS. <i>Modern Physics Letters B</i> , 1991, 05, 1203-1211.	1.9	10
54	Temperature scaling of the flux pinning force in Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _{8+x} thin films. <i>Journal of Applied Physics</i> , 1996, 79, 4228.	2.5	10

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55	Thickness dependence of pinning mechanisms in granular Nb thin films. Superconductor Science and Technology, 2006, 19, 1124-1129.	3.5	10
56	Resistive transitions in Nb/Cu _{0.41} Ni _{0.59} /Nb trilayers. JETP Letters, 2008, 88, 375-379.	1.4	10
57	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
58	Non-linear Flux Flow Resistance of Type-II Superconducting Films. Journal of Superconductivity and Novel Magnetism, 2011, 24, 81-87.	1.8	10
59	Microwave Properties of Nb/PdNi/Nb Trilayers. Journal of Superconductivity and Novel Magnetism, 2013, 26, 571-574.	1.8	10
60	Resonant Andreev Spectroscopy in normal-Metal/thin-Ferromagnet/Superconductor Device: Theory and Application. Scientific Reports, 2015, 5, 17544.	3.3	10
61	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
62	Proximity effect in superconductor/highly paramagnetic Nb/Pd systems. Physica C: Superconductivity and Its Applications, 2004, 404, 95-98.	1.2	9
63	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
64	Evidence of fractional matching states in nanoperforated Nb thin film grown on porous silicon. Europhysics Letters, 2009, 88, 57006.	2.0	9
65	I [∞] -V characteristics and critical currents in superconducting/ferromagnetic bilayers. Physica C: Superconductivity and Its Applications, 2010, 470, 877-879.	1.2	9
66	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
67	Magnetotransport and magnetic properties of amorphous NdNi_{55} thin films. Scientific Reports, 2020, 10, 13693.	3.3	9
68	Magnetic flux avalanches in Nb/NbN thin films. Low Temperature Physics, 2020, 46, 365-371.	0.6	9
69	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
70	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
71	Effect of symmetry on the resistive characteristics of proximity coupled metallic multilayers. Physical Review B, 2003, 68, .	3.2	8
72	Nucleation of superconductivity in finite metallic multilayers: Effect of the symmetry. European Physical Journal B, 2004, 41, 439-444.	1.5	8

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73	Activation energy in La _{0.7} Ca _{0.3} MnO ₃ /YBa ₂ Cu ₃ O _{7-δ} / La _{0.7} Ca _{0.3} MnO ₃ superconducting trilayers. European Physical Journal B, 2006, 51, 79-85.	1.5	8
74	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
75	Transport properties in aggregates of Nb nanowires templated by carbon nanotube films. Carbon, 2016, 105, 544-550.	10.3	8
76	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
77	Ion emission from an electronically perturbed solid surface. Nuclear Instruments & Methods in Physics Research B, 1994, 88, 365-368.	1.4	7
78	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
79	Disorder and vortex dynamics in high- superconductors. Superconductor Science and Technology, 1997, 10, 119-122.	3.5	7
80	Bi ₂ Sr ₂ CuO _{6+δ} /ACuO ₂ (A=Ca,Sr) superconducting multilayers obtained by Molecular Beam Epitaxy. Physica C: Superconductivity and Its Applications, 1999, 316, 215-223.	1.2	7
81	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
82	Role of the external surfaces on the superconducting properties of superconductor/normal metal trilayers. Superlattices and Microstructures, 2008, 43, 86-92.	3.1	7
83	Superconducting nanowire quantum interference device based on Nb ultrathin films deposited on self-assembled porous Si templates. Nanotechnology, 2014, 25, 425205.	2.6	7
84	Influence of the magnetic configuration on the vortex-lattice instability in Nb/permalloy bilayers. Physical Review B, 2017, 96, .	3.2	7
85	Characterization and microwave properties of electron-beam deposited BSCCO films. Physica C: Superconductivity and Its Applications, 1991, 180, 272-275.	1.2	6
86	Deep pinning centres in Bi δ -,Sr δ -,Ca δ -,Cu δ -O thin films at weak magnetic fields. Cryogenics, 1992, 32, 1093-1097.	1.7	6
87	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
88	Properties of Bi _{2+x} Sr _{2δ} CuO _{6+δ} thin films obtained by MBE. Thin Solid Films, 1999, 353, 227-232.	1.8	6
89	Irreversibility line in Nb/CuMn multilayers with a regular array of antidots. Physical Review B, 2000, 62, 14461-14468.	3.2	6
90	Quasiparticles relaxation processes in Nb/CuNi bilayers. European Physical Journal B, 2011, 83, 53-56.	1.5	6

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91	Proposal for a Nanoscale Superconductive Memory. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	6
92	Superconductor/Ferromagnet Hybrids: Bilayers and Spin Switching. Nanoscience and Technology, 2010, , 323-347.	1.5	6
93	Residual surface losses in thin film coated RF superconducting cavities. IEEE Transactions on Magnetism, 1991, 27, 1920-1923.	2.1	5
94	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
95	X-ray scattering study of interfacial roughness in Nb/PdNi multilayers. Surface Science, 2011, 605, 1791-1796.	1.9	5
96	Point contact Andreev reflection spectroscopy on ferromagnet/superconductor bilayers. Physica C: Superconductivity and Its Applications, 2014, 503, 158-161.	1.2	5
97	NbN superconducting nanonetwork fabricated using porous silicon templates and high-resolution electron beam lithography. Nanotechnology, 2017, 28, 465301.	2.6	5
98	Ultrathin superconducting NbRe microstrips with hysteretic voltage-current characteristic. Low Temperature Physics, 2020, 46, 379-382.	0.6	5
99	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
100	Crossover from thermally activated to steady flow in the vortex dynamics of Bi2Sr2CaCu2O8+x thin films. Superconductor Science and Technology, 1999, 12, 533-537.	3.5	4
101	Secondary ion mass spectrometry and x-ray analysis of superconducting Nb/Pd multilayers. Journal of Applied Physics, 2000, 87, 717-723.	2.5	4
102	Interface Properties of Superconductor-Based Heterostructures from Critical Temperature Measurements. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2861-2862.	1.8	4
103	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
104	Universal size-dependent nonlinear charge transport in single crystals of the Mott insulator Ca2RuO4. Npj Quantum Materials, 2021, 6, .	5.2	4
105	Surface impedance measurements of Nb/(Cuâ€“Mn) artificial multilayers. Physica B: Condensed Matter, 2000, 284-288, 955-956.	2.7	3
106	Pinning force and peak effect in superconductor/normal-metal multilayers. Physical Review B, 2001, 63, .	3.2	3
107	Magnetic properties of double exchange biased diluted magnetic alloy/ferromagnet/antiferromagnet trilayers. Journal of Physics Condensed Matter, 2013, 25, 176001.	1.8	3
108	Superconducting critical temperature and softening of the phonon spectrum in ultrathin nb- and nbn/graphene hybrids. Superconductor Science and Technology, 0, , .	3.5	3

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109	Proximity Effect and Interface Transparency in Nb-based S/N and S/F Layered Structures. , 2006, , 241-249.		3
110	Nonlinear I-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
111	Surface resistance of superconducting films by a microstrip ring resonator technique. IEEE Transactions on Applied Superconductivity, 1993, 3, 1453-1456.	1.7	2
112	Superconducting spin-glass multilayers. Physica B: Condensed Matter, 1994, 194-196, 1721-1722.	2.7	2
113	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
114	Scaling of $I \propto V$ curves and flux creep in high- T_c superconductors. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2019-2020.	1.2	2
115	Vortex lattice melting in perforated Nb/(Cu-Mn) multilayers. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 2000, 80, 875-882.	0.6	2
116	Resistive transition and perpendicular critical magnetic field in perforated Nb/CuMn multilayers. Physica B: Condensed Matter, 2000, 284-288, 618-619.	2.7	2
117	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
118	Resistive Transitions in S/F/S Trilayers. Solid State Phenomena, 2009, 152-153, 478-481.	0.3	2
119	Asymmetry of the critical current and peak effect in superconducting multilayers. Superconductor Science and Technology, 2010, 23, 065019.	3.5	2
120	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
121	Magnetic memory effect in type-II superconductor/ferromagnet bilayers. Superconductor Science and Technology, 2014, 27, 055024.	3.5	2
122	Nd _{2-x} Ce _x CuO ₄ ± δ Ultrathin Films Crystalline Properties. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	2
123	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
124	Title is missing!. European Physical Journal B, 2002, 25, 263-268.	1.5	2
125	Flux creep effects in the transport properties of C-axis oriented BSCCO thin films. Journal of Superconductivity and Novel Magnetism, 1992, 5, 107-114.	0.5	1
126	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

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127	Current dependence of pinning energy and flux dynamics in high temperature superconductors. IEEE Transactions on Applied Superconductivity, 1997, 7, 1173-1176.	1.7	1
128	Effects of the internal strain on the magnetic differential permeability and the stress sensitivity in Co/Cu multilayers. Journal Physics D: Applied Physics, 1998, 31, 287-290.	2.8	1
129	Pinning in superconducting normal metal superlattices. , 1998, , .		1
130	Superconductivity in Bi/sub 2/Sr/sub 2/CuO/sub 6+ δ /(Sr,Ca)CuO/sub 2/ multilayers obtained by molecular beam epitaxy. IEEE Transactions on Applied Superconductivity, 1999, 9, 2006-2009.	1.7	1
131	Microwave Electrodynamics of low TC and high TC Systems with Coexisting Superconductivity and Magnetism. International Journal of Modern Physics B, 2000, 14, 2920-2925.	2.0	1
132	Upper Critical Field and Irreversibility Line in Bi ₂ Sr ₂ CuO _{6+δ} /CaCuO ₂ Superconducting Superlattices Obtained by MBE. International Journal of Modern Physics B, 2000, 14, 2767-2772.	2.0	1
133	Scaling of $H_c2\hat{\sim}\gamma(T)$ in Nb/CuMn Multilayers. Journal of Superconductivity and Novel Magnetism, 2001, 14, 411-414.	0.5	1
134	Evidence of vortex kink formation in antidotted layered superconductors. Physical Review B, 2002, 65, .	3.2	1
135	Increase of the critical current at the liquid-helium lambda point in superconducting perforated multilayers. Europhysics Letters, 2002, 60, 295-301.	2.0	1
136	Ordering of the vortex lattice in Mo-Re films. European Physical Journal B, 2002, 25, 263-268.	1.5	1
137	Transport properties of Nb/PdNi bilayers. Journal of Physics and Chemistry of Solids, 2006, 67, 412-415.	4.0	1
138	Transport properties of nanoporated Nb thin films. Physica C: Superconductivity and Its Applications, 2010, 470, 957-959.	1.2	1
139	Transport Properties of Over-doped Epitaxial NdCeCuO Films. Journal of Superconductivity and Novel Magnetism, 2011, 24, 169-172.	1.8	1
140	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
141	Enhancement of the superconducting critical temperature in Nb/Py/Nb trilayers. Physica C: Superconductivity and Its Applications, 2012, 479, 170-172.	1.2	1
142	1D superconductivity in porous Nb ultrathin films. Physica C: Superconductivity and Its Applications, 2012, 479, 167-169.	1.2	1
143	A New Project on Nondestructive Evaluation with High Temperature SQUIDS. , 1997, , 1083-1090.		1
144	Porous Silicon Templates for Superconducting Devices. , 2016, , 1-15.		1

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145	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
146	Drag Voltages in a Superconductor/Insulator/Ferromagnet Trilayer. Materials, 2021, 14, 7575.	2.9	1
147	High energy particle detection by (NbV)N superconducting strip. Cryogenics, 1994, 34, 867-869.	1.7	0
148	Superconducting and structural properties of Nb/Pd(Mn) multilayers. European Physical Journal D, 1996, 46, 717-718.	0.4	0
149	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
150	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
151	Systematic analysis of the critical temperature oscillations in superconducting (Nb)/spin-glass (CuMn) multilayers. , 1998, , .		0
152	Bi-Based Superconducting Multilayers Obtained by Molecular Beam Epitaxy. International Journal of Modern Physics B, 1999, 13, 991-996.	2.0	0
153	Anisotropy and transport properties of $(\text{Bi}_2\text{Sr}_2\text{CuO}_6 + \text{I}f)_m / (\text{Ca}_x\text{CuO}_2)_n$ multilayers obtained by molecular beam epitaxy. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1903-1904.	1.2	0
154	EFFECT OF THE SYMMETRY ON THE PROPERTIES OF SUPERCONDUCTOR/NORMAL METAL NANOSTRUCTURES. , 2001, , .		0
155	Realization and characterization of tunnel junctions based on Nb/CuMn multilayers. Superconductor Science and Technology, 2001, 14, 794-797.	3.5	0
156	Melting of the vortex lattice in perforated Nb/CuMn multilayers. Physica C: Superconductivity and Its Applications, 2002, 369, 254-257.	1.2	0
157	Tunnel measurements on Nb/CuMn multilayer based planar junctions. Physica C: Superconductivity and Its Applications, 2002, 369, 317-320.	1.2	0
158	Tunnel junctions based on superconducting/magnetic multilayers. Physica C: Superconductivity and Its Applications, 2002, 372-376, 31-33.	1.2	0
159	Role of boundary conditions in improving the working characteristics of superconductor-based nanostructures. Microelectronic Engineering, 2003, 69, 346-349.	2.4	0
160	Angular Effects of the Critical Current in Nb/Pd Multilayer Structures. AIP Conference Proceedings, 2006, , .	0.4	0
161	Angular effects of the critical current in $\text{Nb}\hat{\sim}\text{Pd}$ multilayers. Physical Review B, 2006, 74, .	3.2	0
162	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

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163	ELECTRIC TRANSPORT PROPERTIES OF OVERDOPED NdCeCuO THIN FILMS. , 2009, , .		0
164	Upper critical magnetic fields in superconductor/ferromagnet hybrids. Journal of Physics Condensed Matter, 2009, 21, 254201.	1.8	0
165	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
166	Superconducting Critical Temperature and Magnetic Inhomogeneities in Superconductor/Ferromagnet/Superconductor Trilayers. Solid State Phenomena, 0, 190, 409-412.	0.3	0
167	Transport properties of Nb/PdNi/Nb trilayers at microwave frequencies. , 2013, , .		0
168	Magnetic properties of ferromagnetic thin films obtained by Magneto-Optic Kerr Effect measurements. , 2014, , .		0
169	Nd _{2-x} Ce _x CuO ₄ ± δ /Nd ₂ CuO ₄ Ultra-Thin Films Grown by DC Sputtering Technique. , 2017, , .		0
170	Proposal for a NbPy-based superconducting spin-valve. European Physical Journal: Special Topics, 2019, 228, 741-747.	2.6	0
171	Progress towards innovative and energy efficient logic circuits. Journal of Physics: Conference Series, 2020, 1559, 012009.	0.4	0
172	MULTILAYER AGAINST MONOLAYER BEHAVIOR IN PROXIMITY COUPLED SUPERCONDUCTING NANOSTRUCTURES. , 2005, , .		0
173	RESISTIVE TRANSITIONS IN EXTERNAL MAGNETIC FIELD IN $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3/\text{YBa}_{x2}\text{CuO}_7$ LAYERED NANOSTRUCTURES. , 2005, , .		0
174	STRUCTURE AND PROPERTIES OF SUPERCONDUCTOR/FERROMAGNET HYBRIDS. , 2007, , .		0
175	PROXIMITY EFFECT AND CRITICAL MAGNETIC FIELDS IN Nb/CuNi/Nb STRUCTURES. , 2007, , .		0
176	TRANSPORT PROPERTIES OF Nb THIN FILMS DEPOSITED ON POROUS Si SUBSTRATES. , 2009, , .		0
177	ELECTRIC TRANSPORT PROPERTIES AND CRITICAL CHARACTERISTICS OF SUPERCONDUCTOR/FERROMAGNET NANOSTRUCTURES. , 2011, , .		0
178	SUPERCRITICAL STATES OF SUPERCONDUCTIVITY IN THE SUPERCONDUCTOR/FERROMAGNET MULTILAYERED NANOSTRUCTURES. , 2013, , .		0
179	NONVOLATILE SUPERCONDUCTING VALVE ON THE BASE OF FERROMAGNET/SUPERCONDUCTOR NANOSTRUCTURE. , 2013, , .		0
180	Superconducting Properties of Nb/CuMn Multilayers. , 1997, , 415-423.		0

#	ARTICLE	IF	CITATIONS
181	Pinning forces in Nb/CuMn multilayers. , 1998, , .		0
182	Porous Silicon Templates for Superconducting Devices. , 2018, , 1133-1147.		0
183	Electrical resistivity measurements reveal transport properties. , 0, , .		0
184	Il.2 Cuprate and other unconventional superconductors. , 2007, , 303-315.		0
185	Role of disorder in the superconducting proximity effect in $a\text{-NbSe}_2/\text{NbN}$ bilayers. Physical Review B, 2021, 104, .		0