

Giovanni A Ummarino

List of Publications by Year in descending order

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1427
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#	ARTICLE	IF	CITATIONS
1	Nodal multigap superconductivity in the anisotropic iron-based compound RbCa ₂ Fe ₄ As ₄ F ₂ . Npj Quantum Materials, 2022, 7, .	1.8	9
2	Superconductors and Gravity. Symmetry, 2022, 14, 554.	1.1	6
3	Migdal-Eliashberg theory of multi-band high-temperature superconductivity in field-effect-doped hydrogenated (111) diamond. Applied Surface Science, 2021, 536, 147723.	3.1	2
4	Possible Alterations of Local Gravitational Field Inside a Superconductor. Entropy, 2021, 23, 193.	1.1	9
5	Standard Behaviour of Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ Overdoped. Condensed Matter, 2021, 6, 13.	0.8	2
6	Five gaps Eliashberg model for KCa ₂ Fe ₄ As ₄ F ₂ : relevance of the electronic band. Physica C: Superconductivity and Its Applications, 2021, 588, 1353920.	0.6	0
7	Superconductor in static gravitational, electric and magnetic fields with vortex lattice. Results in Physics, 2021, 30, 104838.	2.0	6
8	Optical and hidden transport properties of BaFe _{1.91} Ni _{0.09} As ₂ film. Journal of Physics Condensed Matter, 2021, 33, 045601.	0.7	7
9	Eliashberg Analysis of the Electrodynamic Response of Ba(Fe _{1-x} Rh _x) ₂ As ₂ Across the s $\hat{\pm}$ to s ₊₊ Order Parameter Transition. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2319-2324.	0.8	18
10	Superconductive critical temperature of Pb/Ag heterostructures. Physica C: Superconductivity and Its Applications, 2020, 568, 1353566.	0.6	2
11	Superconductivity of underdoped PrFeAs(O,F) investigated via point-contact spectroscopy and nuclear magnetic resonance. Physical Review B, 2020, 102, .	1.1	5
12	Eliashberg Theory of a Multiband Non-Phononic Spin Glass Superconductor. Magnetochemistry, 2020, 6, 51.	1.0	0
13	Tuning the Intrinsic Anisotropy with Disorder in the $\text{CaK}_4\text{Fe}_4\text{As}_4$ Superconductor. Physical Review Applied, 2020, 13, .	1.5	26
14	Theoretical Explanation of Electric Field-Induced Superconductive Critical Temperature Shifts in Indium Thin Films. Physica Status Solidi (B): Basic Research, 2020, 257, 1900651.	0.7	4
15	THz electrodynamics of BaFe _{1.91} Ni _{0.09} As ₂ film analyzed in the framework of multiband Eliashberg theory. Superconductor Science and Technology, 2020, 33, 075005.	1.8	4
16	Josephson AC effect induced by weak gravitational field. Classical and Quantum Gravity, 2020, 37, 217001.	1.5	15
17	Analysis of the London penetration depth in Ni-doped $\text{CaK}_4\text{Fe}_4\text{As}_4$. Physical Review B, 2019, 100, .	1.1	21
18	Comprehensive Eliashberg analysis of microwave conductivity and penetration depth of K-, Co-, and P-substituted BaFe ₂ As ₂ . Physical Review B, 2019, 99, .	1.1	33

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19	Exploiting Weak Field Gravity-Maxwell Symmetry in Superconductive Fluctuations Regime. Symmetry, 2019, 11, 1341.	1.1	13
20	Proximity two bands Eliashberg theory of electrostatic field-effect doping in a superconducting film of MgB ₂ . Journal of Physics Condensed Matter, 2019, 31, 024001.	0.7	5
21	Decoupling of critical temperature and superconducting gaps in irradiated films of a Fe-based superconductor. Superconductor Science and Technology, 2018, 31, 034005.	1.8	5
22	Superconductivity on the Verge of a Pressure-Induced Lifshitz Transition in CaFe ₂ As ₂ : an Interpretation Within the Eliashberg Theory. Journal of Superconductivity and Novel Magnetism, 2018, 31, 771-776.	0.8	1
23	Superconducting Order Parameter in Proton Irradiated $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$ Single Crystals, within the three-band Eliashberg $s\pm$ wave model. Scientific Reports, 2017, 7, 13029.	2.9	42
24	Effects of disorder induced by heavy-ion irradiation on $(\text{Ba}_{1-x}\text{K}_x)\text{Fe}_2\text{As}_2$ single crystals, within the three-band Eliashberg $s\pm$ wave model. Scientific Reports, 2017, 7, 13029.	1.6	37
25	Proximity Eliashberg theory of electrostatic field-effect doping in superconducting films. Physical Review B, 2017, 96, .	1.1	24
26	Superconductor in a weak static gravitational field. European Physical Journal C, 2017, 77, 1.	1.4	27
27	Control of bulk superconductivity in a BCS superconductor by surface charge doping via electrochemical gating. Physical Review B, 2017, 95, .	1.1	25
28	Control of bulk superconductivity in a BCS superconductor by surface charge doping via electrochemical gating. Physical Review B, 2017, 95, .	1.1	28
29	Andreev Reflection and Related Studies in Low-Dimensional Superconducting Systems. , 2017, , .		0
30	Superconducting Transition Temperature Modulation in NbN via EDL Gating. Journal of Superconductivity and Novel Magnetism, 2016, 29, 587-591.	0.8	18
31	Phenomenology of CaKFe ₄ As ₄ explained in the framework of four bands Eliashberg theory. Physica C: Superconductivity and Its Applications, 2016, 529, 50-53.	0.6	8
32	Fermi-Surface Topological Phase Transition and Horizontal Order-Parameter Nodes in CaFe ₂ As ₂ Under Pressure. Scientific Reports, 2016, 6, 26394.	1.6	16
33	Resistivity in Ba(FeCo)As: Comparison of thin films and single crystals. Physica Status Solidi (B): Basic Research, 2015, 252, 821-827.	0.7	3
34	Possible mixed coupling mechanism in FeTe _{1-x} Sex within a multiband Eliashberg approach. Journal of Physics Condensed Matter, 2015, 27, 435701.	0.7	1
35	Femtosecond spectroscopy in a nearly optimally doped Fe-based superconductors FeSe _{0.5} Te _{0.5} and Ba(Fe _{1-x} Cox) ₂ As ₂ /Fe thin film. Journal of Physics: Conference Series, 2014, 507, 012004.	0.3	0
36	Point-contact Andreev-reflection spectroscopy in Fe(Te,Se) films: multiband superconductivity and electron-boson coupling. Superconductor Science and Technology, 2014, 27, 124014.	1.8	17

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37	Normal and superconducting properties of LiFeAs explained in the framework of four-band Eliashberg theory. <i>Physica C: Superconductivity and Its Applications</i> , 2013, 492, 21-24.	0.6	4
38	A phenomenological multiband Eliashberg model for LiFeAs. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 205701.	0.7	9
39	Temperature dependence of the energy gaps in Ba(Fe _{1-x} Co _x) ₂ As ₂ . <i>Physical Review B</i> , 2012, 85, 020501.	1.1	14
40	Strong-coupling d-wave superconductivity in PuCoGa ₅ probed by point-contact spectroscopy. <i>Nature Communications</i> , 2012, 3, 786.	5.8	49
41	Large Conductance Modulation of Gold Thin Films by Huge Charge Injection via Electrochemical Gating. <i>Physical Review Letters</i> , 2012, 108, 066807.	2.9	63
42	Phononic self-energy effects and superconductivity in CaC ₆ . <i>Physical Review B</i> , 2012, 85, .	1.1	29
43	Effects of isoelectronic Ru substitution at the Fe site on the energy gaps of optimally F-doped SmFeAsO. <i>Superconductor Science and Technology</i> , 2012, 25, 084012.	1.8	12
44	Point-Contact Andreev-Reflection Spectroscopy in Fe-Based Superconductors: Multigap Superconductivity and Strong Electron-Boson Interaction. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1297-1301.	0.8	9
45	Feedback Effect in Iron Pnictide Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1333-1337.	0.8	1
46	Directional point-contact Andreev-reflection spectroscopy of Fe-based superconductors: Fermi surface topology, gap symmetry, and electron-boson interaction. <i>Reports on Progress in Physics</i> , 2011, 74, 124509.	8.1	85
47	Predictions of Multiband s± Strong-Coupling Eliashberg Theory Compared to Experimental Data in Iron Pnictides. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 247-253.	0.8	18
48	Multiband s± Strong-Coupling Eliashberg Theory Compared to Experimental Data in Iron Pnictides. <i>Physical Review B</i> , 2011, 83, .	1.1	36
49	Influence of nanoparticle doping on electronic properties of MgB ₂ bulk samples. <i>Journal of Physics: Conference Series</i> , 2010, 234, 012014.	0.3	1
50	The Phenomenology of Iron Pnictides Superconductors Explained in the Framework of -Wave Three-Band Eliashberg Theory. <i>Advances in Condensed Matter Physics</i> , 2010, 2010, 1-6.	0.4	2
51	Energy scale of the electron-boson spectral function and superconductivity in NpPd ₅ As ₅ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2010, 23, 103-107.	1.1	5
52	Multigap Superconductivity and Strong Electron-Boson Coupling in Fe-Based Superconductors: A Point-Contact Andreev-Reflection Study of Ba _{1-x} Fe _x As ₂ . <i>Physical Review B</i> , 2010, 81, 020501.	2.9	68
53	Field-induced suppression of the Ī-band superconductivity and magnetic hysteresis in the microwave surface resistance of MgB ₂ at temperatures near T _c . <i>Superconductor Science and Technology</i> , 2009, 22, 055010.	1.8	2
54	Intraband scattering rate and electronic diffusivity study in MgB ₂ bulk samples. <i>Superconductor Science and Technology</i> , 2009, 22, 065007.	1.8	9

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55	Effect of Li-Al co-doping on the energy gaps of MgB ₂ . Superconductor Science and Technology, 2009, 22, 025012.	1.8	9
56	Point-contact Andreev-reflection spectroscopy in ReFeAsO _{1-x} F _x (Re = La, Sm): Possible evidence for two nodeless gaps. Physica C: Superconductivity and Its Applications, 2009, 469, 512-520.	0.6	53
57	d-wave superconductive gap and related observables of PuCoGa ₅ . Journal of Nuclear Materials, 2009, 385, 4-7.	1.3	5
58	Iron-Based Layered Compounds: The Effect of Negative Interband Coupling. Journal of Superconductivity and Novel Magnetism, 2009, 22, 603-607.	0.8	4
59	Point-Contact Andreev-Reflection Spectroscopy in the Fe-based Superconductor LaFeAsO _{1-x} F _x . Journal of Superconductivity and Novel Magnetism, 2009, 22, 553-557.	0.8	4
60	Quasiparticle density of states of self-irradiation-damaged PuCoGa ₅ superconductor. Physica B: Condensed Matter, 2009, 404, 3213-3215.	1.3	1
61	Two-gap superconductivity in the Fe-1111 superconductor LaFeAsO _{1-x} F _x : A point-contact Andreev-reflection study. Open Physics, 2009, 7, .	0.8	7
62	Three-band Eliashberg theory and the superconducting gaps of iron pnictides. Physical Review B, 2009, 80, .		56
63	Coexistence of two order parameters and a pseudogap-like feature in the iron-based superconductor LaFeAsO _{1-x} F _x . Physical Review B, 2009, 79, .	1.1	55
64	Effects of Annealing and Nanoparticle Doping on Electrical Properties of MgB ₂ Bulks Grown by Reactive Mg Liquid Infiltration Technique. IEEE Transactions on Applied Superconductivity, 2009, 19, 3524-3528.	1.1	9
65	Point-contact Andreev-reflection spectroscopy in segregation-free Mg _{1-x} Al _x B ₂ single crystals up to $x = 0.32$. Journal of Physics Condensed Matter, 2008, 20, 085225.	0.7	21
66	Possible mechanism of superconductivity in PuCoGa ₅ probed by self-irradiation damage. Physical Review B, 2008, 77, .	1.1	37
67	Evidence for Gap Anisotropy in CaC ₆ from Directional Point-Contact Spectroscopy. Physical Review Letters, 2008, 100, 207004.	2.9	46
68	Strong-coupling properties of unbalanced Eliashberg superconductors. Physical Review B, 2007, 76, .	1.1	11
69	Effects of Disorder on the Performance of Magnesium Diboride Microwave Resonators. IEEE Transactions on Applied Superconductivity, 2007, 17, 3644-3647.	1.1	3
70	Point-contact Andreev-reflection spectroscopy in MgB ₂ : The role of substitutions. Physica C: Superconductivity and Its Applications, 2007, 456, 134-143.	0.6	20
71	Point-contact study of the role of non-magnetic impurities and disorder in the superconductivity of MgB ₂ . Physica C: Superconductivity and Its Applications, 2007, 460-462, 975-976.	0.6	1
72	Effects of Magnetic Impurities on Two-Band Superconductor. Journal of Superconductivity and Novel Magnetism, 2007, 20, 639-642.	0.8	14

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73	Effect of Heavy Al Doping on MgB ₂ : A Point-Contact Study of Crystals and Polycrystals. Journal of Superconductivity and Novel Magnetism, 2007, 20, 555-558.	0.8	5
74	Point-Contact Spectroscopy in Mn-Doped MgB ₂ Single Crystals: Effects of Magnetic Impurities in a Two-Band Superconductor. Journal of Superconductivity and Novel Magnetism, 2007, 20, 523-526.	0.8	2
75	Recent achievements in MgB ₂ physics and applications: A large-area SQUID magnetometer and point-contact spectroscopy measurements. Physica C: Superconductivity and Its Applications, 2006, 435, 59-65.	0.6	5
76	Effect of the magnetic field on the gaps of MgB ₂ : A directional point-contact study. Journal of Physics and Chemistry of Solids, 2006, 67, 424-427.	1.9	1
77	Andreev-reflection measurements in RuSr ₂ GdCu ₂ O ₈ . Journal of Physics and Chemistry of Solids, 2006, 67, 597-600.	1.9	3
78	A point-contact study of the superconducting gaps in Al-substituted and C-substituted MgB ₂ single crystals. Journal of Physics and Chemistry of Solids, 2006, 67, 360-364.	1.9	10
79	Point-Contact Spectroscopy in Doped and Irradiated MgB ₂ . Advances in Science and Technology, 2006, 47, 75.	0.2	0
80	Effects of disorder on the microwave properties of MgB ₂ polycrystalline films. Physical Review B, 2006, 74, .	1.1	17
81	Effect of Magnetic Impurities in a Two-Band Superconductor: A Point-Contact Study of Mn-Substituted MgB ₂ Single Crystals. Physical Review Letters, 2006, 97, 037001.	2.9	35
82	Point-contact spectroscopy in neutron-irradiated MgB ₂ . Physical Review B, 2006, 74, .	1.1	30
83	Pressure dependence of critical temperature in MgB ₂ and two-bands Eliashberg theory. Physica C: Superconductivity and Its Applications, 2005, 423, 96-102.	0.6	11
84	Evidence for One-Gap Superconductivity in Mg(B _{1-x} C _x) ₂ Single Crystals at x=0.132 by Point-Contact Spectroscopy. Journal of Superconductivity and Novel Magnetism, 2005, 18, 681-685.	0.5	4
85	Two-Band Eliashberg Theory in Doped MgB ₂ : Experimental T _c and Superconductive Gaps. Journal of Superconductivity and Novel Magnetism, 2005, 18, 791-795.	0.5	4
86	The superconducting gaps of C-substituted and Al-substituted MgB ₂ single crystals by point-contact spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1656-1661.	0.8	5
87	Al substitution in MgB ₂ crystals: Influence on superconducting and structural properties. Physical Review B, 2005, 71, .	1.1	110
88	Evidence for single-gap superconductivity in Mg(B _{1-x} C _x) ₂ single crystals with x=0.132 from point-contact spectroscopy. Physical Review B, 2005, 71, .	1.1	71
89	Carbon substitutions in MgB ₂ within the two-band Eliashberg theory. Physical Review B, 2005, 71, .	1.1	36
90	Point-contact spectroscopy in MgB ₂ : from fundamental physics to thin-film characterization. Superconductor Science and Technology, 2004, 17, S93-S100.	1.8	12

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91	Magnetic-field dependence of the gaps in a two-band superconductor: A point-contact study of MgB ₂ single crystals. <i>Physical Review B</i> , 2004, 69, .	1.1	41
92	Andreev-reflection spectroscopy in ZrB ₁₂ single crystals. <i>Superconductor Science and Technology</i> , 2004, 17, S250-S254.	1.8	35
93	The determination of the electron-phonon interaction from tunneling data in the two-band superconductor MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 353-354.	0.6	3
94	Two-band Eliashberg equations and the experimental T _c of the diboride Mg _{1-x} Al _x B ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2004, 407, 121-127.	0.6	74
95	Directional point-contact spectroscopy of MgB ₂ single crystals in magnetic fields: two-band superconductivity and critical fields. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 796-798.	0.6	2
96	Point-contact spectroscopy in MgB ₂ single crystals in magnetic field. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 385, 255-263.	0.6	31
97	Extraction of the electron-phonon interaction from tunneling data in the multigap superconductor MgB ₂ . <i>Physical Review B</i> , 2003, 68, .	1.1	41
98	POSSIBLE d + id SCENARIO IN La _{2-x} Sr _x CuO ₄ BY POINT-CONTACT MEASUREMENTS. <i>International Journal of Modern Physics B</i> , 2003, 17, 649-654.	1.0	2
99	Independent determination of the two gaps by directional point-contact spectroscopy in MgB ₂ single crystals. <i>Superconductor Science and Technology</i> , 2003, 16, 171-175.	1.8	13
100	Direct Evidence for Two-Band Superconductivity in MgB ₂ Single Crystals from Directional Point-Contact Spectroscopy in Magnetic Fields. <i>Physical Review Letters</i> , 2002, 89, 247004.	2.9	238
101	Possible explanation of electric-field-doped C ₆₀ phenomenology in the framework of Eliashberg theory. <i>Physical Review B</i> , 2002, 66, .	1.1	4
102	ELIASHBERG EQUATIONS AND THE PHENOMENOLOGY OF FIELD-EFFECT-DOPED C ₆₀ . <i>International Journal of Modern Physics B</i> , 2002, 16, 1539-1546.	1.0	3
103	GAP MEASUREMENTS IN MgB ₂ BREAK-JUNCTION AND POINT-CONTACT HETEROSTRUCTURES: TEST OF THE TWO-BAND MODELS. <i>International Journal of Modern Physics B</i> , 2002, 16, 1553-1561.	1.0	3
104	Tunneling conductance of SIN junctions with different gap symmetries and non-magnetic impurities by direct solution of real-axis Eliashberg equations. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 377, 292-303.	0.6	7
105	Doping dependence of the superconducting gap by Andreev reflection in Au/La _{2-x} Sr _x CuO ₄ point-contact junctions. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 2369-2373.	1.9	1
106	Temperature and junction-type dependency of Andreev reflection in MgB ₂ . <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 2319-2323.	1.9	12
107	Evidence for pseudogap and phase-coherence gap separation by Andreev reflection experiments in Au/La _{2-x} Sr _x CuO ₄ point-contact junctions. <i>European Physical Journal B</i> , 2001, 22, 411-414.	0.6	29
108	Josephson Effect in MgB ₂ Break Junctions. <i>Physical Review Letters</i> , 2001, 87, 097001.	2.9	65

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109	s- and d-wave solution of Eliashberg equations with finite bandwidth. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 295-296.	0.6	7
110	Solution of real-axis Eliashberg equations with different pair symmetries and tunneling density of states. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 299-300.	0.6	1
111	TEMPERATURE AND DOPING DEPENDENCE OF ANDREEV REFLECTION IN Au/La ₂ -XSrxCuO ₄ POINT-CONTACT JUNCTIONS. <i>International Journal of Modern Physics B</i> , 2000, 14, 3472-3479.	1.0	2
112	ELECTRON-PHONON COUPLING ORIGIN OF THE RESISTIVITY IN YNi ₂ B ₂ C SINGLE CRYSTALS. <i>International Journal of Modern Physics B</i> , 2000, 14, 2840-2845.	1.0	7
113	POSSIBLE EVIDENCE OF CHARGE-STRIPE ORDERING IN THE ab-PLANE RESISTIVITY OF STRONGLY UNDERDOPED La _{2-x} SrxCuO ₄ SINGLE CRYSTALS. <i>International Journal of Modern Physics B</i> , 2000, 14, 2779-2784.	1.0	2
114	REAL-AXIS SOLUTION OF ELIASHBERG EQUATIONS IN VARIOUS ORDER-PARAMETER SYMMETRIES AND TUNNELING CONDUCTANCE OF OPTIMALLY-DOPED HTSC. <i>International Journal of Modern Physics B</i> , 2000, 14, 2944-2949.	1.0	1
115	Pair Symmetry and Degree of Gap Depression at S-I Interfaces in HTS Josephson Junctions. <i>International Journal of Modern Physics B</i> , 1999, 13, 1301-1306.	1.0	0
116	The Effects of the Breakdown of Migdal's Theorem in Various Superconductors. <i>International Journal of Modern Physics B</i> , 1999, 13, 1215-1220.	1.0	1
117	Eliashberg equations, pair symmetry and tunnel density of states in the optimally-doped high-T _c superconductor Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . <i>Physica C: Superconductivity and Its Applications</i> , 1999, 317-318, 378-382.	0.6	2
118	Some consequences of the breakdown of Migdal's theorem in high-T _c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 317-318, 524-527.	0.6	2
119	Real-axis direct solution of the d-wave Eliashberg equations and the tunneling density of states in optimally doped Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . <i>Physica C: Superconductivity and Its Applications</i> , 1999, 328, 189-194.	0.6	14
120	Reproducible tunneling determination of the electron-phonon spectral function in optimally-doped Bi-2212 single-crystal break junctions. <i>Journal of Physics and Chemistry of Solids</i> , 1998, 59, 2058-2061.	1.9	5
121	Breakdown of Migdal's theorem and intensity of electron-phonon coupling in high-T _c superconductors. <i>Physical Review B</i> , 1997, 56, R14279-R14282.	1.1	31
122	Surface depression of the order parameter and pair symmetry in the Josephson critical current of high-T _c /sub c/ SIS' and SIS junctions. <i>IEEE Transactions on Applied Superconductivity</i> , 1997, 7, 3331-3334.	1.1	0
123	Intrinsic surface depression of the order parameter under mixed (s+id)-wave pair symmetry and its effect on the critical current of high-T _c SIS Josephson junctions. <i>Journal of Superconductivity and Novel Magnetism</i> , 1997, 10, 657-662.	0.5	1
124	Influence of surface-depressed order parameter and pair symmetry in the critical current of high-T _c Josephson junctions. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1997, 19, 1207-1214.	0.4	0
125	Eliashberg equations with energy dependence of the normal density of states and quasiparticle tunneling in high-T _c superconductors. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1997, 19, 1215-1221.	0.4	0
126	Determination of the tunneling electron-phonon spectral function in High-T _c superconductors with energy dependence of the normal density of states. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 275, 162-171.	0.6	42

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127	Tunneling spectroscopy in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} single-crystal break junctions: reproducible determination of the Eliashberg function and role of the breakdown of Migdal's theorem. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 1473-1474.	0.6	4
128	The role of pair symmetry and intrinsic surface depression of the order parameter on the critical current of high-T _c SIS and SIS' Josephson junctions. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 2403-2404.	0.6	1
129	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 1997, 10, 657-662.	0.5	0
130	The intrinsic determinants of the critical current in SIS and high-T _c Josephson junctions. <i>Applied Physics Letters</i> , 1996, 68, 2433-2435.	1.5	9
131	SURFACE ORDER-PARAMETER DEPRESSION AND PAIR SYMMETRY IN HIGH-T _c JOSEPHSON JUNCTIONS. <i>Modern Physics Letters B</i> , 1996, 10, 753-763.	1.0	4
132	Influence of a surface-depressed order parameter on the Josephson critical current in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} nonhysteretic break junctions. <i>Physical Review B</i> , 1995, 51, 12782-12785.	1.1	6
133	Temperature dependence of the Josephson critical current in Bi ₂ /Sr ₂ /CaCu ₂ /O _{8+x} break junctions. <i>IEEE Transactions on Applied Superconductivity</i> , 1995, 5, 2539-2542.	1.1	1
134	Comparison of the Eliashberg functions determined from point-contact and break-junction tunnelling experiments in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994, 16, 1903-1907.	0.4	1
135	The role of the surface depression of the pair potential on the Josephson and quasi-particle tunnelling in high-T _c superconductors. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1994, 16, 1979-1985.	0.4	1
136	Influence of lifetime broadening in the determination of the Eliashberg function from break-junction tunneling data in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1861-1862.	0.6	14
137	Inelastic tunneling and electron-phonon coupling in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1865-1866.	0.6	0
138	Experimental study and theoretical interpretation of hysteresis loops and Henkel plots in soft magnetic materials. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 133, 111-114.	1.0	7
139	Interaction Between Macroscopic Quantum Systems and Gravity. <i>Frontiers in Physics</i> , 0, 10, .	1.0	4