

Paulo Pureur

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Critical and Gaussian conductivity fluctuations in $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Physical Review B</i> , 1993, 47, 11420-11425.	3.2	124
2	Coherence transition in granular high temperature superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 311, 133-139.	1.2	72
3	Rare-earth spin-glasses with uniaxial anisotropy. <i>Physical Review B</i> , 1984, 29, 4999-5006.	3.2	67
4	Effects of Zn and Mg in Cu sites of $\text{YBa}_2\text{Cu}_3\text{O}_7$ single crystals on the resistive transition, fluctuation conductivity, and magnetic irreversibilities. <i>Physical Review B</i> , 2002, 66, .	3.2	66
5	Pairing transition, coherence transition, and the irreversibility line in granular $\text{GdBa}_2\text{Cu}_3\text{O}_7$. <i>Physical Review B</i> , 2000, 61, 12457-12462.	3.2	63
6	Effects of pressure on the fluctuation conductivity of $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Physical Review B</i> , 2004, 69, .	3.2	62
7	Fluctuation conductivity and microscopic granularity in Bi-based high-temperature superconductors. <i>Physical Review B</i> , 1997, 56, 14815-14821.	3.2	53
8	Resistive transition and fluctuations of the conductivity in $\text{YBa}_2\text{Cu}_3\text{O}_7$, $\text{EuBa}_2\text{Cu}_3\text{O}_7$ and $\text{GdBa}_2\text{Cu}_3\text{O}_7$ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 176, 357-367.	1.2	47
9	Anisotropic rare-earth spin-glasses. <i>Physical Review B</i> , 1982, 26, 5300-5303.	3.2	45
10	Scaling beyond 3D in the fluctuation conductivity of YBaCuO . <i>Solid State Communications</i> , 1999, 113, 23-27.	1.9	39
11	Fluctuation magnetoconductivity in $\text{YBa}_2\text{Cu}_3\text{O}_7$: Gaussian, three-dimensional XY, beyond three-dimensional XY, and lowest-Landau-level scaling. <i>Physical Review B</i> , 2001, 64, .	3.2	36
12	Chiral susceptibility in canonical spin glass and re-entrant alloys from Hall effect measurements. <i>Europhysics Letters</i> , 2004, 67, 123-129.	2.0	36
13	Chiral anomalous Hall effect in reentrant AuFe alloys. <i>Physical Review B</i> , 2006, 74, .	3.2	30
14	Fluctuation conductivity and the dynamical universality class of the superconducting transition in the high- T_c cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1911-1912.	1.2	29
15	Paramagnetic effect at low and high magnetic fields in melt-textured $\text{YBa}_2\text{Cu}_3\text{O}_7$. <i>Physical Review B</i> , 2004, 70, .	3.2	28
16	Gaussian, three-dimensional-XY, and lowest-Landau-level scalings in the low-field fluctuation magnetoconductivity of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physical Review B</i> , 1997, 56, 10836-10839.	3.2	27
17	Magnetoelectric response of new $\text{Sr}_2\text{TiMnO}_6$ manganite-like material. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e104-e106.	2.3	27
18	Unconventional superconducting granularity of the $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_7$ compound. <i>Physical Review B</i> , 2006, 73, .	3.2	25

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19	Electrical resistivity measurements on the Cu ₂ MnAl heusler alloy. Journal of Physics and Chemistry of Solids, 1979, 40, 427-429.	4.0	21
20	Field and oxygen dependence of the magnetic irreversibility line in YBa ₂ Cu ₃ O _{7-δ} . Physical Review B, 1994, 49, 15292-15298.	3.2	21
21	The effects of Sr and Ca on the magnetic irreversibility and fluctuation conductivity of YBCO-123. Physica C: Superconductivity and Its Applications, 2001, 353, 241-250.	1.2	21
22	Paramagnetic Meissner effect at high fields in melt-textured YBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 2001, 354, 219-222.	1.2	21
23	Hall effect in Ce _{1-x} Y _x Pd ₃ mixed-valence alloys. Physical Review B, 1985, 32, 7003-7004.	3.2	20
24	Electrical and magnetic properties of the high-T _c oxide superconductor YBa ₂ Cu ₃ O ₇ . Journal of Magnetism and Magnetic Materials, 1987, 69, L215-L220.	2.3	20
25	Glass behavior and the H-T phase diagram of the high-T _c ceramic superconductors YBa ₂ Cu ₃ O ₇ , EuBa ₂ Cu ₃ O ₇ , and GdBa ₂ Cu ₃ O ₇ . Physical Review B, 1989, 40, 6948-6954.	3.2	20
26	Resistive transition and fluctuation conductivity in YBaCuO _{1-x} Ag nonrandom composites. Physica C: Superconductivity and Its Applications, 1993, 211, 13-21.	1.2	20
27	Splitting of the bulk resistive transition in high-T _c superconductors: Evidence for unconventional pairing. Physica C: Superconductivity and Its Applications, 1995, 251, 175-182.	1.2	19
28	Spin-disorder resistivity in the Cu ₂ Mn(Al _{1-x} Sn _x) heusler alloys. Journal of Physics and Chemistry of Solids, 1980, 41, 1023-1026.	4.0	17
29	Magnetotransport properties and the irreversibility line in ceramic DyBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 2001, 354, 304-308.	1.2	17
30	Magnetoresistivity, fluctuation conductivity and magnetic irreversibility in the Y _{0.95} Pr _{0.05} Ba ₂ Cu ₃ O _{7-δ} compound: a case of split pairing transition. Physica C: Superconductivity and Its Applications, 2004, 408-410, 632-633.	1.2	17
31	Extended scaling in the magnetic critical phenomenology of the \tilde{f} -phase Fe _{0.53} Cr _{0.47} and Fe _{0.52} V _{0.48} alloys. Journal of Physics Condensed Matter, 2012, 24, 046002.	1.8	17
32	Critical and Gaussian conductivity fluctuations in YBa ₂ Cu ₃ O _{7-δ} and Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physica C: Superconductivity and Its Applications, 1994, 235-240, 1939-1940.	1.2	16
33	Spontaneous magnetoimpedance in the Heusler compounds Pd ₂ MnSn and Pd ₂ MnSb near the Curie temperature. Solid State Communications, 2002, 124, 7-10.	1.9	16
34	Electrical resistivity of amorphous Fe _{0.92} Zr _{0.08} . Solid State Communications, 1988, 65, 163-166.	1.9	15
35	Magnetostriction of single crystals of yttrium doped with rare earths impurities. Journal of Magnetism and Magnetic Materials, 1985, 53, 121-130.	2.3	14
36	Coherence transition in granular YBa ₂ Cu ₃ O _{7-δ} , YBa ₂ Cu _{2.95} Zn _{0.05} O _{7-δ} , and YBa _{1.75} Sr _{0.25} Cu ₃ O _{7-δ} superconductors. European Physical Journal B, 2007, 58, 107-113.	1.5	14

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37	Magnetic ordering in YGd alloys. Journal of Applied Physics, 1985, 57, 3230-3231.	2.5	13
38	Magnetic irreversibility limits of the Abrikosov and Josephson-flux dynamics in doped YBCO-123 superconductors. Physica C: Superconductivity and Its Applications, 2001, 354, 299-303.	1.2	13
39	Static critical exponents of the ferromagnetic transition in spin glass re-entrant systems. Journal of Physics Condensed Matter, 2009, 21, 506006.	1.8	13
40	Multiple superconducting transition and phase separation in melt-textured YBa ₂ Cu ₃ O _{7-δ} . Physica C: Superconductivity and Its Applications, 2013, 495, 202-207.	1.2	13
41	Helimagnetic structure in diluted Y-Gd alloys. Journal De Physique (Paris), Lettres, 1985, 46, 1139-1141.	2.8	13
42	Hall effect and longitudinal conductivity in a Hg _{0.82} Re _{0.18} Ba ₂ Ca ₂ Cu ₃ O _{8-δ} superconductor. Superconductor Science and Technology, 2001, 14, 898-903.	3.5	12
43	Impedance and initial magnetic permeability of the Heusler compounds Pd ₂ MnSn and Pd ₂ MnSb near the Curie temperature. Physical Review B, 2006, 74, .	3.2	12
44	Mechanical properties of highly oriented FeSe _{0.5} Te _{0.5} superconductor. Journal of Applied Physics, 2012, 111, 033908.	2.5	12
45	Biological magnetotransport properties in RCo_6 compounds ($T_{ETQ} \approx 10^{-1} \text{ K}$). Journal of Applied Physics, 2012, 111, 033908.	3.2	12
46	A thermal X-RAY and resistivity study of the heusler alloy Cu ₂ NiSn. Journal of Theoretical Biology, 1979, 17, 489-494.	1.7	11
47	Specific heat of superconducting YBaCuO _{1-x} Ag nonrandom composite. Physica C: Superconductivity and Its Applications, 1992, 194, 97-104.	1.2	11
48	Magnetic irreversibility line in a deoxygenated YBaCuO superconductor. Solid State Communications, 1991, 78, 723-726.	1.9	10
49	HALL CONDUCTIVITY FLUCTUATIONS IN EPITAXIAL YBa ₂ Cu ₃ O _{7-δ} THIN FILMS. Modern Physics Letters B, 2001, 15, 1117-1129.	1.9	10
50	Correlation between the magnetic irreversibility limit and the zero resistance point in different granular YBa ₂ Cu ₃ O _{7-δ} superconductors. Physical Review B, 2008, 77, .	3.2	10
51	Magnetic properties of Gd doped Y and Sc single crystals. Journal of Magnetism and Magnetic Materials, 1984, 45, 185-190.	2.3	9
52	Magnetotransport in Ni ₇₁ Mn ₂₉ as a function of magnetic and atomic ordering. Journal of Magnetism and Magnetic Materials, 1987, 68, 358-364.	2.3	9
53	Impedance and initial magnetic permeability of gadolinium. Journal of Applied Physics, 2010, 107, 053909.	2.5	9
54	Splitting of the resistive transition in MgB ₂ . Superconductor Science and Technology, 2006, 19, 405-409.	3.5	8

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55	Paramagnetic Meissner effect at high fields in YCaBaCuO single crystal and melt-textured YBaCuO. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S111-S112.	1.2	8
56	Study of the in-plane and c-axis fluctuation conductivity of melt-textured YBa ₂ Cu ₃ O ₇ under hydrostatic pressure. <i>European Physical Journal B</i> , 2011, 83, 423-428.	1.5	8
57	Magnetic irreversibility and zero resistance in granular Y358 superconductor. <i>Journal of Physics: Conference Series</i> , 2014, 568, 022009.	0.4	8
58	Thermal expansion and specific heat of non-random YBCO/Ag composites. <i>Superconductor Science and Technology</i> , 1996, 9, 639-643.	3.5	7
59	Magnetic Measurements and Kinetic Energy of the Superconducting Condensate in SmBa ₂ Cu ₃ O _{7-δ} . <i>Brazilian Journal of Physics</i> , 2013, 43, 22-27.	1.4	7
60	Magnetic and structural properties of the new double perovskite family Sr ₂ GdRu _{1-x} RexO _y . <i>Journal of Applied Physics</i> , 2013, 113, 17E302.	2.5	7
61	Quadrupole scattering in PrAl ₂ . <i>Physical Review B</i> , 1983, 28, 3890-3896.	3.2	6
62	Breaking of ergodicity in high-T _c superconductor YBa ₂ Cu ₃ O ₇ . <i>Solid State Communications</i> , 1988, 66, 931-935.	1.9	6
63	Josephson-flux dynamics from the initial depinning up to complete grain decoupling at the irreversibility line in YBa ₂ Cu ₃ O ₇ /Ag nonrandom composites. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 322, 31-36.	1.2	6
64	superconductor. <i>Physica B: Condensed Matter</i> , 2009, 404, 2766-2768.	2.7	6
65	Fluctuation conductivity along the c-axis and parallel to the ab-planes in melt-textured YBa ₂ Cu ₃ O _{7-δ} samples doped with Y ₂ 11 phase. <i>Physica B: Condensed Matter</i> , 2009, 404, 3106-3108.	2.7	6
66	Magnetism, magnetoresistance, and Shubnikov-de Haas oscillations in Na-implanted highly oriented pyrolytic graphite. <i>Journal of Applied Physics</i> , 2012, 111, 093922.	2.5	6
67	Magnetic susceptibility in the normal phase of Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} single crystals. <i>Physica B: Condensed Matter</i> , 2018, 536, 855-859.	2.7	6
68	Specific heat measurements in scandium-rare earth anisotropic spin glasses. <i>Journal of Magnetism and Magnetic Materials</i> , 1987, 68, 213-217.	2.3	5
69	Paramagnetic meissner effect in melt-textured YBa ₂ Cu ₃ O _{7-δ} . <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1377-1378.	1.2	5
70	Raman spectroscopy of highly oriented FeSe _{0.5} Te _{0.5} superconductor. <i>Superconductor Science and Technology</i> , 2012, 25, 025014.	3.5	5
71	Behavior of the irreversibility line in the new superconductor La _{1.5-x} Ba _{1.5+x} Y _y Cu ₃ O _z . <i>Physica B: Condensed Matter</i> , 2012, 407, 3128-3130.	2.7	5
72	Synthesis and Characterization of the Superconductors Y ₃ Ba ₅ Cu _{8-x} Fe _x O ₁₈ (0.0597 \leq x \leq 0.1255). <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 509-512.	1.8	5

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91	Magnetization Fluctuation Analysis and Superconducting Parameters of $\text{La}_{1.5-x}\text{Ba}_{1.5+x}\text{Ca}_y\text{Cu}_3\text{O}_z$ Superconductor. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 2257-2260.	1.8	2
92	Anisotropy of the field-induced kinetic energy density in Bi2212 . <i>Physica B: Condensed Matter</i> , 2014, 433, 79-83.	2.7	2
93	Interconnection between zero resistance and magnetic irreversibility temperatures in the hole doped $\text{Y}_{0.9}\text{Ca}_{0.1}\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystal. <i>Journal of Physics: Conference Series</i> , 2014, 568, 022016.	0.4	2
94	Effects of Ca and Sr chemical doping on the average superconducting kinetic energy of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$. <i>Journal of Physics: Conference Series</i> , 2015, 592, 012062.	0.4	2
95	ion conductivity and the chiral glass state in disordered Si_6Ge_6 . <i>Journal of Physics: Conference Series</i> , 2015, 592, 012062.	1.2	2
96	Magneto-transport properties of As-implanted highly oriented pyrolytic graphite. <i>Physica B: Condensed Matter</i> , 2016, 500, 118-125.	2.7	2
97	Possible weakly first-order superconducting transition induced by magnetic excitations in the YBCO system: A fluctuation conductivity study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 1255-1260.	2.1	2
98	The Effects of Chemical Doping on the Diamagnetic Thermodynamic Fluctuations of $\text{YBa}_2\text{Cu}_{2.97}\text{X}_{0.03}\text{O}_{7-\delta}$ ($\text{X} = \text{Au}, \text{Ni}, \text{Zn}, \text{and Mg}$) Single Crystals. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-5.	2.1	2
99	Field dependence of the irreversibility lines in high- T_c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 1873-1874.	1.2	1
100	Resistive transition and paraconductivity in YBaCuO-Ag composites. <i>Applied Superconductivity</i> , 1993, 1, 995-1005.	0.5	1
101	Anisotropic magnetic irreversibility in single crystals and oriented grain systems of $\text{Bi}_2\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_y$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 2803-2804.	1.2	1
102	Gaussian and Three-Dimensional-XY Scalings and Effects of Disorder in the Fluctuation Magnetoconductivity of Polycrystalline $\text{DyBa}_2\text{Cu}_3\text{O}_{7-\delta}$. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 220, 513-516.	1.5	1
103	High-field paramagnetic Meissner effect in melt-textured YBCO. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 653-654.	1.2	1
104	Magnetic irreversibility and zero resistance in melt-textured YBaCuO . <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e481-e483.	2.3	1
105	Magneto-resistance in the magnetic and superconducting phases of $\text{RuSr}_2\text{GdCu}_2\text{O}_8$. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e519-e521.	2.3	1
106	The chiral anomalous Hall effect in PdFe and AuFe alloys. <i>Physica B: Condensed Matter</i> , 2008, 403, 1373-1374.	2.7	1
107	Fluctuation conductivity in melt-textured YBaCuO samples under low magnetic fields. <i>Journal of Physics: Conference Series</i> , 2010, 200, 012027.	0.4	1
108	Impedance and Magnetic Permeability of Soft Ferromagnetic Metals. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010, 23, 99-102.	1.8	1

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109	Paramagnetic Meissner effect at high fields in YCaBaCuO single crystal. Journal of Physics: Conference Series, 2012, 391, 012124.	0.4	1
110	Gaussian and critical fluctuations in the electrical conductivity of $\text{YBa}_{2-x}\text{Cu}_{3-y}\text{O}_{7-z}$ with chemically introduced disorder. Journal of Physics: Conference Series, 2012, 391, 012140.	0.4	1
111	Fluctuation Conductivity of $\text{La}_{0.5}\text{RE}_{0.5}\text{BaCaCu}_3\text{O}_{7-d}$ (RE=Y, Sm, Dy) Superconductor. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2261-2264.	1.8	1
112	Spin Polarized Electronic Transport in the Heusler Compound Pd_2MnSn . IEEE Transactions on Magnetics, 2013, 49, 4510-4513.	2.1	1
113	Coherent transition induced by Sr doping on the $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystal magnetoconductivity. Journal of Physics: Conference Series, 2014, 568, 022013.	0.4	1
114	Low Sr doping effects on critical current density and pinning mechanism of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals. Journal of Physics: Conference Series, 2014, 568, 022014.	0.4	1
115	Magnetotransport properties and Seebeck effect in the superconductor $\text{FeSe}_{0.5}\text{Te}_{0.5}$. Journal of Physics: Conference Series, 2014, 480, 012016.	0.4	1
116	The role of magnetic excitations in magnetoresistance and Hall effect of slightly TM-substituted BaFe_2As_2 compounds (TM = Mn, Cu, Ni). Physica C: Superconductivity and Its Applications, 2016, 531, 30-38.	1.2	1
117	Electrical impedance measurements in reentrant Au-Fe alloys. Journal of Magnetism and Magnetic Materials, 2017, 435, 40-45.	2.3	1
118	Spin textures and magnetotransport properties in cobalt/ruthenium and cobalt/palladium bilayers. Journal of Magnetism and Magnetic Materials, 2021, 519, 167447.	2.3	1
119	Low field fluctuation magnetoconductivity in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$: critical, Gaussian and LLL scalings. European Physical Journal D, 1996, 46, 1587-1588.	0.4	0
120	Effects of hole doping and chemical pressure on the average superconducting kinetic energy of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ single crystals. Journal of Physics: Conference Series, 2014, 568, 022049.	0.4	0
121	High field paramagnetic effect in YBCO single crystals with different oxygen contents. Journal of Physics: Conference Series, 2014, 568, 022036.	0.4	0
122	Magnetic, electrical and structural properties of the Re-doped ruthenocuprate $\text{Ru}_{1-x}\text{Re}_x\text{Sr}_2\text{GdCu}_2\text{O}_y$. Materials Research Bulletin, 2015, 66, 231-238.	5.2	0
123	Field Induced Kinetic Energy Density in $\text{YBa}_2\text{Cu}_3\text{O}_x$ Single Crystals. Journal of Superconductivity and Novel Magnetism, 2015, 28, 407-410.	1.8	0
124	Kinetic Energy Density Induced by High Magnetic Fields in a Bi-2212 Single Crystal. Journal of Superconductivity and Novel Magnetism, 2015, 28, 411-414.	1.8	0
125	High-Field Paramagnetic Meissner Effect in Ga-Implanted Single Crystal. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	0
126	Electronic Transport and Raman Spectroscopy Characterization in Ion-Implanted Highly Oriented Pyrolytic Graphite. Journal of Low Temperature Physics, 2018, 190, 141-153.	1.4	0

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127	Gaussian and critical scalings in the magnetoconductivity fluctuations of $Y_{3}Ba_{5}Cu_{8}O_{18}$ superconductor. International Journal of Modern Physics B, 2018, 32, 1850360.	2.0	0
128	Effects of the pseudo-gap on the field-induced kinetic energy density of $Bi_{2}Sr_{2}CaCu_{2}O_{8+\delta}$ single crystals. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2519-2524.	2.1	0
129	A Study of Electrical Magnetoconductivity Paracoherent Transition of Granular YBCO Doped Superconductors: A Possible Evidence of an Inverted XY Transition. IEEE Transactions on Magnetics, 2021, 57, 1-5.	2.1	0
130	Electrical magnetotransport properties of chlorinated CVD graphene. Physica B: Condensed Matter, 2021, 609, 412893.	2.7	0
131	The chiral anomalous Hall effect at high magnetic fields in Au-Fe alloys. Philosophical Magazine, 0, , 1-13.	1.6	0