

Marcos T D Orlando

List of Publications by Year in descending order

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103
papers

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citations

293460

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104
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104
docs citations

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times ranked

1389
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced magnetism and suppressed magnetoelastic coupling induced by electron doping in $\text{Ca}_{1-x}\text{Y}_x\text{MnReO}_6$. Journal of Physics Condensed Matter, 2022, , .	0.7	0
2	Microstructural analysis and mechanical behavior of the HAZ in an API 5L X70 steel welded by GMAW process. Welding in the World, Le Soudage Dans Le Monde, 2021, 65, 1051-1060.	1.3	11
3	Microstructure, crystallographic texture and strain hardening behavior in hot tensile tests of UNS S32304 Lean Duplex stainless steel. Journal of Materials Research and Technology, 2021, 12, 1065-1079.	2.6	14
4	An equivalent work-hardening description of an interstitial-free steel sheet based on uniaxial tensile and hydraulic bulge tests. Journal of Materials Research and Technology, 2021, 13, 2138-2143.	2.6	5
5	Microstructure and Pitting Corrosion Resistance of Quenched, Single Tempered and Double Tempered AISI 420 Martensitic Stainless Steel. Materials Research, 2021, 24, .	0.6	3
6	Evaluation of induced biological effects in rats by continuous and natural gamma radiation using a physical simulator. International Journal of Radiation Biology, 2020, 96, 1473-1485.	1.0	1
7	Microstructure, Crystallographic Texture, and Stretchability of Hot-Rolled Multiphase Steel. Steel Research International, 2020, 91, 1900591.	1.0	10
8	PROVENANCE AND ALTERATION OF GLACIAL SEDIMENTS IN KING GEORGE ISLAND, ANTARCTICA. Journal of Sedimentary Environments, 2019, 4, 124-142.	0.7	0
9	Use of inorganic and organic markers associated with their directionality for the apportionment of highly correlated sources of particulate matter. Science of the Total Environment, 2019, 651, 1332-1343.	3.9	24
10	Exotic magnetism and spin-orbit-assisted Mott insulating state in a CaMn_3Sb_7 double perovskite. Physical Review B, 2018, 97, .	1.1	10
11	Correlation among the effective mass (m^*), λ and T of superconducting cuprates in a Casimir energy scenario. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1486-1491.	0.9	5
12	Trends in analytical techniques applied to particulate matter characterization: A critical review of fundamentals and applications. Chemosphere, 2018, 199, 546-568.	4.2	61
13	Resonant Synchrotron X-ray Diffraction determines markers for iron-rich atmospheric particulate matter in urban region. Chemosphere, 2018, 212, 418-428.	4.2	14
14	Progress of negative air ions in health tourism environments applications. Boletín De La Sociedad Española De Hidrología Médica, 2018, 33, 27-46.	0.0	7
15	The Varre-Sai chondrite, a Brazilian fall: petrology and geochemistry. International Geology Review, 2017, 59, 1966-1973.	1.1	0
16	Effects of yttrium doping in ordered double perovskite $\text{Sr}_2\text{CrReO}_6$. Journal of Alloys and Compounds, 2016, 687, 463-469.	2.8	6
17	Nanostructured SBA-15 silica: An effective protective vehicle to oral hepatitis B vaccine immunization. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2241-2250.	1.7	32
18	A quantum theory for the excitation spectrum of a rectangular Andreev billiard. Journal of Physics: Conference Series, 2015, 574, 012044.	0.3	0

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19	The gauge sector of the SME with Lorentz-symmetry violation by symplectic projector method. Modern Physics Letters A, 2015, 30, 1550191.	0.5	0
20	Performance of a Polycrystalline SmBaCuO Superconducting Fault Current Limiter. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2945-2952.	0.8	2
21	Critical Current Model for Polycrystalline Compounds with an Intrinsic Solid Solution of Two Mixed Superconductor Phases. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1875-1880.	0.8	2
22	Two Mixed Superconducting Phases in (Hg, Re)-1223 Ceramics. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2679-2684.	0.8	2
23	A novel induction motor starting method using superconduction. Physica C: Superconductivity and Its Applications, 2014, 507, 95-102.	0.6	6
24	Development and Test of a Small Resistive Fault Current Limiting Device Based on a SmBaCuO Ceramic. Advanced Materials Research, 2014, 975, 173-178.	0.3	0
25	Influence of ethyl alcohol in the preparation, morphology and properties of compound $\text{DAS}^{\text{Eu}^{3+}}$ and its thermal degradation products. Journal of Thermal Analysis and Calorimetry, 2013, 114, 537-547.	2.0	5
26	Structural and magnetic investigation of $\text{Ca}_2\text{MnReO}_6$ doped with Ce. Ceramica, 2013, 59, 262-268.	0.3	7
27	Spin-Electron-Phonon Excitation in Re-based Half-Metallic Double Perovskites. Physical Review Letters, 2012, 108, 177202.	2.9	23
28	Investigation of the KF -type Lorentz-symmetry breaking gauge models with vortexlike configurations. Physical Review D, 2012, 86, .	1.6	51
29	Noncommutative fluid dynamics in the Kähler parametrization. Physical Review D, 2011, 84, .	1.6	10
30	$\text{Hg}_{0.8}\text{Re}_{0.2}\text{Ba}_2\text{Ca}_2\text{Cu}$ 308.8 thick film produced by Laser Ablation. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2011, 10, 114-120.	0.4	2
31	Effect of pressure on the structure and electrical conductivity of cardanol-furfural polyaniline blends. Journal of Applied Polymer Science, 2011, 119, 2666-2673.	1.3	26
32	Aharonov-Bohm-Casher problem with a nonminimal Lorentz-violating coupling. Physical Review D, 2011, 83, .	1.6	81
33	Synthesis and structural characterization of the $\text{Ca}_2\text{MnReO}_6$ double perovskite. Ceramica, 2010, 56, 193-200.	0.3	20
34	Model for Analysis of Biaxial and Triaxial Stresses by X-ray Diffraction Assuming Orthotropic Materials. Japanese Journal of Applied Physics, 2010, 49, 056601.	0.8	3
35	Pressure effect on $\text{Hg-12}(n \sim 1)$ superconductors and Casimir effect in nanometer scale. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 025502.	0.7	8
36	Pressure study of monoclinic ReO_2 up to 1.2 GPa using X-ray absorption spectroscopy and X-ray diffraction. Journal of Synchrotron Radiation, 2009, 16, 48-56.	1.0	9

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37	Description of the transport critical current density behavior of polycrystalline superconductors as a function of the applied magnetic field. <i>Physica B: Condensed Matter</i> , 2009, 404, 3123-3126.	1.3	7
38	Magnetic moment generation from non-minimal couplings in a scenario with Lorentz-symmetry violation. <i>European Physical Journal C</i> , 2009, 62, 425-432.	1.4	106
39	Evidence for magnetic phase separation in $\text{La}_{0.86}\text{Sr}_{0.14}\text{Mn}_{1-x}\text{Cu}_x\text{O}_3$ manganites from NMR and magnetic measurements. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 095214.	0.7	5
40	Crystal structure refinement of Co-doped lanthanum chromites. <i>Powder Diffraction</i> , 2008, 23, S18-S22.	0.4	25
41	Study of calcium oxalate monohydrate of kidney stones by X-ray diffraction. <i>Powder Diffraction</i> , 2008, 23, S59-S64.	0.4	27
42	Study on the crystal structure of the high T_c superconductor $(\text{Hg,Re})_{1-x}\text{Te}_x$. <i>Powder Diffraction</i> , 2008, 23, S23-S29.	0.4	2
43	Study of the crystal structure of the high T_c superconductor $\text{Hg}_{1-x}\text{Re}_x\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+y}$ by using EXAFS, XANES and XRD. <i>Materials Research</i> , 2008, 11, 131-135.	0.6	2
44	Effects of Y doping on the (Hg,Re) -1212 superconductor properties. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 728-729.	0.6	0
45	An investigation of T_c behavior on (Hg,Re) -1223 system. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1086-1087.	0.6	2
46	Phase segregation of (Hg,Re) -1223 superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1182-1183.	0.6	1
47	-supersymmetric quantum mechanics in a scenario with Lorentz-symmetry violation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 370, 126-130.	0.9	11
48	Application of the (Hg,Re) -1223 ceramic on superconducting fault current limiter. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1451-1452.	0.6	5
49	Violação da simetria de Lorentz. <i>Revista Brasileira De Ensino De Fisica</i> , 2007, 29, 57-64.	0.2	14
50	Distortion of ReO_6 octahedron in the $\text{Hg}_{0.82}\text{Re}_{0.18}\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+d}$ superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 434, 53-61.	0.6	17
51	A comment on the topological phase for anti-particles in a Lorentz-violating environment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 639, 675-678.	1.5	63
52	Superconducting fault current limiter device based on (Hg,Re) -1223 superconductor. <i>Applied Physics Letters</i> , 2006, 89, 242503.	1.5	7
53	Resistivity study of the pseudogap phase for (Hg,Re) -1223 superconductors. <i>Physical Review B</i> , 2006, 74, .	1.1	40
54	The Influence of Oxygen Partial Pressure on Growth of the (Hg,Re) -1223 Intergrain Junction. <i>IEEE Transactions on Applied Superconductivity</i> , 2006, 16, 15-20.	1.1	13

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55	LORENTZ-SYMMETRY VIOLATION AND ELECTRICALLY CHARGED VORTICES IN THE PLANAR REGIME. International Journal of Modern Physics A, 2006, 21, 2415-2429.	0.5	20
56	Effects of oxygen content on the pinning energy and critical current in the granular (Hg,Re)-1223 superconductors. Physica C: Superconductivity and Its Applications, 2005, 419, 25-31.	0.6	29
57	Refinement of monoclinic ReO ₂ structure from XRD by Rietveld method. Brazilian Journal of Physics, 2004, 34, 1208-1210.	0.7	18
58	Inactivation of Colletotrichum gloeosporioides spores by high hydrostatic pressure combined with citral or lemongrass essential oil. International Journal of Food Microbiology, 2004, 95, 61-66.	2.1	46
59	Pressure and magnetic field effects on the transport critical current in Hg _{0.82} Re _{0.18} Ba ₂ Ca ₂ Cu ₃ O _{8+δ} ceramic superconductor. Physica C: Superconductivity and Its Applications, 2004, 408-410, 756-758.	0.6	0
60	Transport properties of YBCO, HBCCO, TBCCO and BSCCO superconducting polycrystals. Physica C: Superconductivity and Its Applications, 2004, 408-410, 585-586.	0.6	2
61	Induction of baroresistance by hydrogen peroxide, ethanol and cold-shock in <i>Saccharomyces cerevisiae</i> . FEMS Microbiology Letters, 2004, 233, 139-145.	0.7	32
62	The resistive transition of (Hg _{0.85} Re _{0.15})(Ba _{1-x} Y _x) ₂ Ca ₂ Cu ₃ O _{8+δ} superconducting polycrystals. Physica C: Superconductivity and Its Applications, 2003, 383, 365-373.	0.6	21
63	Pressure effects on the intergrain coupling in (Tl _{0.5} Pb _{0.5})(Ba _{0.2} Sr _{0.8}) ₂ Ca ₂ Cu ₃ O _y ceramic superconductor. Physica C: Superconductivity and Its Applications, 2003, 384, 102-110.	0.6	6
64	Role of nitric oxide in the response of cells to heat shock and high hydrostatic pressure. FEMS Yeast Research, 2003, 3, 341-346.	1.1	43
65	Hysteresis and relaxation in TlBa ₂ Ca ₂ Cu ₃ O _y superconducting polycrystals. Superconductor Science and Technology, 2003, 16, 857-864.	1.8	21
66	Dimensional reduction of a Lorentz- and CPT-violating Maxwell-Chern-Simons model. Physical Review D, 2003, 67, .	1.6	55
67	Classical solutions in a Lorentz-violating Maxwell-Chern-Simons electrodynamics. Physical Review D, 2003, 68, .	1.6	44
68	Effects of oxygen content on the properties of the Hg _{0.82} Re _{0.18} Ba ₂ Ca ₂ Cu ₃ O _{8+δ} superconductor. Superconductor Science and Technology, 2002, 15, 1177-1183.	1.8	25
69	Evidences for Tsallis non-extensivity on CMR manganites. Europhysics Letters, 2002, 58, 42-48.	0.7	28
70	Effects of Ferromagnetic Inclusions on ¹³ C MAS NMR Spectra of Heat-Treated Peat Samples. Energy & Fuels, 2002, 16, 1068-1075.	2.5	22
71	Pressure studies on the pseudogap and critical temperatures of a high-T _c superconductor. Physical Review B, 2002, 66, .	1.1	52
72	Electric and magnetic properties of Cu-doped La ²⁺ /Sr manganites. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 668-671.	1.0	8

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73	Magnetic irreversibility in $(\text{Hg}_{1-x}\text{Re}_x)\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$: effects of neutron irradiation. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 371, 224-228.	0.6	7
74	Structure and magnetotransport properties in plasma-sprayed $\text{La}_{0.78}\text{Sr}_{0.22}\text{MnO}_3$ thick film. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 246, 10-15.	1.0	4
75	Pressure dependence of the transport critical current density in optimally doped $\text{Hg}_{0.82}\text{Re}_{0.18}\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ polycrystalline compound. <i>Solid State Communications</i> , 2002, 123, 405-409.	0.9	6
76	Rhenium effect in the formation and stability of HgCaO_2 and $(\text{Hg}_{1-x}\text{Re}_x)\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 356, 97-106.	0.6	6
77	Transport critical current in granular samples under high magnetic fields. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 364-365, 347-349.	0.6	8
78	Hg,Re-1223 system: T_c dependence on hydrostatic pressure and thermopower measurements. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 364-365, 350-352.	0.6	7
79	Hall effect and longitudinal conductivity in a $\text{Hg}_{0.82}\text{Re}_{0.18}\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ superconductor. <i>Superconductor Science and Technology</i> , 2001, 14, 898-903.	1.8	12
80	Anisotropic quantum critical behavior in $\text{CeCoGe}_3-x\text{Si}_x$. <i>Physical Review B</i> , 2001, 64, .	1.1	72
81	Pressure and magnetic-field effects on the onset of dissipation in $\text{Hg}_{0.82}\text{Re}_{0.18}\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ ceramic superconductors. <i>Physical Review B</i> , 2001, 63, .	1.1	5
82	MAGNETIC IRREVERSIBILITY OF THE ZERO-RESISTANCE CRITICAL TEMPERATURE IN YBCO , BSCCO AND HBCCO POLYCRYSTALS. , 2000, , .		0
83	MAGNETIC IRREVERSIBILITY OF THE TRANSPORT CRITICAL CURRENT DENSITY IN YBCO , BSCCO AND HBCCO POLYCRYSTALS. , 2000, , .		0
84	Quantum critical point in $\text{CeCo}(\text{Ge}_{1-x}\text{Si}_x)_3$. <i>Physica B: Condensed Matter</i> , 2000, 281-282, 340-342.	1.3	27
85	Influence of the pressure on the onset of the dissipation in $\text{Hg}_{0.82}\text{Re}_{0.18}\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ ceramic superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 485-486.	0.6	0
86	Hall effect in a $\text{Hg}(\text{Re})$ -1223 superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1043-1044.	0.6	2
87	The use of a thermobaric analyzer at synthesis of the HgCaO_2 and superconductor Hg -1223 inside sealed quartz tubes. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2469-2470.	0.6	2
88	Magnetic hysteresis of Re-doped HBCCO polycrystals. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1481-1482.	0.6	1
89	Hysteresis of the critical current density in YBCO , HBCCO and BSCCO superconducting polycrystals: a comparative study. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 331, 57-66.	0.6	21
90	$\text{Hg}_{0.95}\text{Re}_{0.05}\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ superconductor: sample preparation and transport properties under hydrostatic pressure. <i>Superconductor Science and Technology</i> , 2000, 13, 140-147.	1.8	10

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91	A novel thermobaric analyser: in situ measurement of gas pressure during synthesis in sealed quartz tube at high temperatures. Superconductor Science and Technology, 2000, 13, 1549-1552.	1.8	3
92	Effect of hydrostatic pressure on $\text{HgBa}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ superconductor doped with Re. Physical Review B, 2000, 61, 15454-15461.	1.1	11
93	Influence of precursor oxygen stoichiometry on the formation of Hg, Re-1223 superconductors. Superconductor Science and Technology, 1999, 12, 120-127.	1.8	39
94	Processing and superconducting properties of $\text{Hg}_{1-x}\text{Re}_x\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$. Superconductor Science and Technology, 1999, 12, 1175-1178.	1.8	3
95	Relaxation of the transport critical current in high- T_c polycrystals. Physical Review B, 1999, 60, 3673-3679.	1.1	19
96	Magnetic hysteresis of the zero-resistance critical temperature in YBaCuO, BiSrCaCuO and HgBaCaCuO superconducting polycrystals. Physica C: Superconductivity and Its Applications, 1999, 314, 73-80.	0.6	14
97	Improvement of superconducting (Hg,Re)-1223 ceramics synthesised by the sealed quartz tube technique. Physica C: Superconductivity and Its Applications, 1999, 328, 80-88.	0.6	20
98	Effects of re-doping on superconducting properties and formation of Hg-1223 superconductors. Physica C: Superconductivity and Its Applications, 1999, 328, 257-269.	0.6	19
99	Pressure-Controlled Synthesis of the $\text{Hg}_{0.82}\text{Re}_{0.18}\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ Superconductor. Advanced Materials, 1998, 10, 1126-1129.	11.1	45
100	Formation and stability of HgCaO_2 , a competing phase in the synthesis of $\text{Hg}_{1-x}\text{Re}_x\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ superconductor. Physica C: Superconductivity and Its Applications, 1998, 306, 34-46.	0.6	48
101	Magnetic properties of amorphous YFe ₂ obtained by milling. Journal of Alloys and Compounds, 1998, 274, 23-28.	2.8	11
102	Optimization of YBa ₂ Cu ₃ O ₇ superconducting thick layers produced by plasma spray technique. Physica C: Superconductivity and Its Applications, 1997, 282-287, 489-490.	0.6	3
103	Characterization of Nanostructured Mn-Zn Ferrites Synthesized by Coprecipitation Method Using CTAB. Materials Science Forum, 0, 1012, 207-211.	0.3	0