

Pasquale Orgiani

List of Publications by Year in descending order

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117
papers

1,791
citations

236925

25
h-index

345221

36
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117
all docs

117
docs citations

117
times ranked

2302
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of the metal-insulator transition temperature in thin La _{0.7} Sr _{0.3} MnO ₃ films. Journal of Applied Physics, 2004, 96, 6387-6392.	2.5	109
2	Nature of the metal-insulator transition in few-unit-cell-thick LaNiO ₃ films. Nature Communications, 2018, 9, 2206.	12.8	66
3	Evolution of magnetic phases and orbital occupation in		

#	ARTICLE	IF	CITATIONS
19	Enhanced transport properties in La_xMnO_3 thin films epitaxially grown on SrTiO_3 substrates: The profound impact of the oxygen content, <i>Applied Physics Letters</i> , 2009, 95 Electronic band redistribution probed by oxygen absorption spectra of $(\text{Sr}_{1-x}\text{Mn}_x\text{O})$	3.3	32

20 $\text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display}=\text{"inline"} > <\text{mml:mrow} >$

#	ARTICLE	IF	CITATIONS
37	Influence of a single disorder parameter on the conduction mechanisms in manganite thin films. Physical Review B, 2007, 76, .	3.2	19
38	Pulsed laser deposition of oxide and metallic thin films by means of Nd:YAG laser source operating at its 1st harmonics: recent approaches and advances. JPhys Materials, 2021, 4, 032001.	4.2	19
39	Superconductivity in ultrathin artificial cuprate structures. Applied Physics Letters, 2001, 79, 99-101.	3.3	18
40	Role of interband scattering in neutron irradiated MgB ₂ thin films by scanning tunneling spectroscopy measurements. Physical Review B, 2007, 75, .	3.2	18
41	Magnetic properties and orbital anisotropy driven by Mn in nonstoichiometric La _{2-x} MnO ₃ thin films. Physical Review B, 2007, 75, .	3.2	18
42	Spin and charge excitations in artificial hole- and electron-doped infinite layer cuprate superconductors. Physical Review B, 2017, 96, .	3.2	17
43	Robustness of topological states in Bi ₂ Se ₃ thin film grown by Pulsed Laser Deposition on (0 0) Tj ETQq1 1 0.784314 rgBT / Overlock 10 6.1 17	3.2	17
44	Direct insight into the band structure of SrNbO ₃ thin films. Physical Review Materials, 2020, 4, .	3.2	17
45	Room temperature biaxial magnetic anisotropy in La _{0.67} Sr _{0.33} MnO ₃ thin films on SrTiO ₃ buffered MgO (001) substrates for spintronic applications. Applied Physics Letters, 2018, 113, .	3.3	16
46	Characterization of off-axis MgB ₂ epitaxial thin films for planar junctions. Applied Physics Letters, 2005, 87, 242506.	3.3	14
47	Intrinsic nonlinearity probed by intermodulation distortion microwave measurements on high quality MgB ₂ thin films. Applied Physics Letters, 2006, 88, 142510.	3.3	13
48	Omnipresence of Weak Antilocalization (WAL) in Bi ₂ Se ₃ Thin Films: A Review on Its Origin. Nanomaterials, 2021, 11, 1077.	4.1	13
49	Very Large Purely Intralayer Critical Current Density in Ultrathin Cuprate Artificial Structures. Physical Review Letters, 2002, 89, 156402.	7.8	12
50	Fabrication of SrTiO ₃ Layer on Pt Electrode for Label-Free Capacitive Biosensors. Biosensors, 2018, 8, 26.	4.7	12
51	Tuning the Optical Absorption of Anatase Thin Films Across the Visible-To-Near-Infrared Spectral Region. Physical Review Applied, 2020, 13, .	3.8	12
52	Growth mode of epitaxial superlattices [BaCuO _{2+x}] ₂ /[CaCuO ₂] ₃ on vicinal (001) SrTiO ₃ substrates studied by x-ray diffraction. Physical Review B, 2002, 65, .	3.2	11
53	Advances in high-T _c grain-boundary junctions. Low Temperature Physics, 2004, 30, 591-598.	0.6	11
54	Transient quantum isolation and critical behavior in the magnetization dynamics of half-metallic manganites. Physical Review B, 2019, 100, .	3.2	10

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73	Disentangling Structural and Electronic Properties in $V_{2}O_{3}$ Thin Films: A Genuine Nonsymmetry Breaking Mott Transition. <i>Nano Letters</i> , 2022, 22, 5990-5996.	9.1	6
74	A simple and reliable system for in situ deposition of large-area double-sided, superconducting films. <i>Superconductor Science and Technology</i> , 2000, 13, 1441-1446.	3.5	5
75	Superconductivity and interlayer coupling in ultrathin artificially layered cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 372-376, 590-595.	1.2	5
76	Improved Structural Properties in Homogeneously Doped $Sm_{0.4}Ce_{0.6}O_{2-x}$ Epitaxial Thin Films: High Doping Effect on the Electronic Bands. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47556-47563.	8.0	5
77	Spectroscopic Evidence of a Dimensionality-Induced Metal-to-Insulator Transition in the Ruddlesden-Popper $La_{n+1}Ni_{n+1}O_{3n+1}$ Series. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6813-6819.	8.0	5
78	Direct-ARPES and STM Investigation of FeSe Thin Film Growth by Nd:YAG Laser. <i>Coatings</i> , 2021, 11, 276.	2.6	5
79	Integration of epitaxial $La_{2/3}Sr_{1/3}MnO_{3}$ thin films on silicon-on-sapphire substrate for MEMS applications. <i>Applied Surface Science</i> , 2022, 579, 152095.	6.1	5
80	Development of L-band and C-band superconducting planar filters for wireless systems. , 0, , .		4
81	Structural characterization of ultrathin cuprate artificial superconducting structures by x-ray synchrotron radiation. <i>Journal of Applied Physics</i> , 2003, 94, 6991-6993.	2.5	4
82	Superconducting quantum interference device microscopy of fluxoids in superconducting rings and artificially layered systems. <i>Superconductor Science and Technology</i> , 2004, 17, 217-223.	3.5	4
83	Investigations of MgB_{2}/MgO and MgB_{2}/AlN Heterostructures for Josephson Devices. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 228-231.	1.7	4
84	Growth and characterization of charge carrier spatially confined $SrMnO_{3}/La_{0.7}Sr_{0.3}MnO_{3}/SrMnO_{3}$ trilayers. <i>Journal of Crystal Growth</i> , 2017, 459, 56-60.	1.5	4
85	Carrier confinement effects observed in the normal-state electrical transport of electron-doped cuprate trilayers. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 135303.	2.8	4
86	Synchrotron X-ray diffraction study of $SrRuO_{3}/SrTiO_{3}/SrRuO_{3}$ nano-sized heterostructures grown by laser MBE. <i>European Physical Journal B</i> , 2005, 46, 251-255.	1.5	3
87	Intermodulation distortion measurements of MgB_{2} thin films grown by HPCVD. <i>Journal of Physics: Conference Series</i> , 2006, 43, 702-705.	0.4	3
88	Anomalous flux dynamics in magnesium diboride films. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 437-438, 171-175.	1.2	3
89	Anisotropic transport properties in tilted c -axis MgB_{2} thin films. <i>Superconductor Science and Technology</i> , 2010, 23, 025012.	3.5	3
90	Spin-polarized current effects in disordered $La_{0.7}Ba_{0.3}MnO_{3}$ half-metal thin films. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 245001.	2.8	3

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91	Correlation between structural properties and resistivity critical behavior in SrRuO ₃ thin films. Journal of Physics Condensed Matter, 2012, 24, 435603.	1.8	3
92	Buried Interfaces Effects in Ionic Conductive LaF ₃ –SrF ₂ Multilayers. Advanced Materials Interfaces, 2017, 4, 1600875.	3.7	3
93	Nonlinearity in the Microwave Properties of MgB ₂ Thin Films: Power Dependence and Intermodulation Distortion. IEEE Transactions on Applied Superconductivity, 2005, 15, 3612-3615.	1.7	2
94	Electron backscattering diffraction and X-ray diffraction studies of interface relationships in Sr ₃ Ru ₂ O ₇ /Sr ₂ RuO ₄ eutectic crystals. Micron, 2011, 42, 324-329.	2.2	2
95	The role of the substrate surface morphology in enhancing the MgB ₂ superconducting temperature. Journal of Materials Science, 2014, 49, 4108-4114.	3.7	2
96	Effect of natural homointerfaces on the magnetic properties of pseudomorphic La _{0.7} Sr _{0.3} MnO ₃ thin film: Phase separation vs split domain structure. Journal of Magnetism and Magnetic Materials, 2016, 420, 88-96.	2.3	2
97	Noise Spectroscopy Investigation of Interplay Between Quantum Interference Effects and Superconductivity in Infinite Layer Cuprates. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	2
98	Low temperature hidden Fermi-liquid charge transport in under doped La _x Sr _{1-x} CuO ₂ infinite layer electron-doped thin films. Journal of Physics Condensed Matter, 2019, 31, 445601.	1.8	2
99	Predominance of z ² -orbitals at the surface of both hole- and electron-doped manganites. Journal of Electron Spectroscopy and Related Phenomena, 2020, 245, 147016.	1.7	2
100	HIGH POWER HANDLING SUPERCONDUCTING PLANAR FILTERS FOR TELECOMMUNICATION APPLICATIONS. International Journal of Modern Physics B, 2000, 14, 3092-3097.	2.0	1
101	Strain effect on transport properties of SrRuO ₃ films grown by laser MBE. European Physical Journal B, 2002, 26, 23-28.	1.5	1
102	INDUCTIVE CHARACTERIZATION OF SUPERCONDUCTING NANO-ENGINEERED ARTIFICIAL CUPRATES. International Journal of Modern Physics B, 2003, 17, 393-399.	2.0	1
103	Effects of Neutron Irradiation on Magnesium Diboride Thin Films. IEEE Transactions on Applied Superconductivity, 2007, 17, 2858-2861.	1.7	1
104	Enhanced transport properties in La _x MnO _{3-δ} thin films grown on SrTiO ₃ substrates. , 2010, , .		1
105	Optical study of the insulator-to-metal transition in La _x MnO ₃ thin films. Materials Research Express, 2014, 1, 036406.	1.6	1
106	Ion Charge Dynamics in Ceria-Based Metal Insulator Metal Structure. Journal of Physical Chemistry C, 2017, 121, 23406-23412.	3.1	1
107	Strain Effects in SrRuO ₃ Thin Films and Heterostructures. Lecture Notes in Physics, 2002, , 312-324.	0.7	1
108	Comparing Thickness and Doping-Induced Effects on the Normal States of Infinite-Layer Electron-Doped Cuprates: Is There Anything to Learn?. Nanomaterials, 2022, 12, 1092.	4.1	1

#	ARTICLE	IF	CITATIONS
109	Normal-State Transport Properties of Infinite-Layer $\text{Sr}_{1-x}\text{La}_x\text{CuO}_2$ Electron-Doped Cuprates in Optimal- and Over-Doped Regimes. <i>Nanomaterials</i> , 2022, 12, 1709.	4.1	1
110	Artificial high-temperature superconducting structures. , 2002, 4811, 120.		0
111	Quantum behaviors in high-TC systems: Macroscopic and vortex quantum tunneling. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 437-438, 303-308.	1.2	0
112	Probing the Nonlinearities Arising in the Microwave Response of Superconductors by Intermodulation Distortion. <i>IEEE Transactions on Applied Superconductivity</i> , 2007, 17, 3640-3643.	1.7	0
113	CaBaCuO Ultrathin Films and Junctions. <i>IEEE Transactions on Applied Superconductivity</i> , 2007, 17, 3581-3584.	1.7	0
114	Transport measurements on ultra-thin CaBaCuO films. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 845-846.	1.2	0
115	Fluctuations on the magnetic response of superconducting thin films of Nb and MgB2 – Percolation limit of vortex mobility. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1268-1269.	1.2	0
116	Ferromagnetism in ultrathin surface-free $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ layers in electrostatically defined heterostructures. <i>Physical Review Materials</i> , 2021, 5, .	2.4	0
117	HAADF STEM and Ab Initio Calculations Investigation of Anatase $\text{TiO}_2/\text{LaAlO}_3$ Heterointerface. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1489.	2.5	0