Pasquale Orgiani

List of Publications by Year
in descending order

117	1,791	236925	345221
papers	citations	25 h-index	36 g-index

117	117	117	2302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metal to insulator transition at the surface of V2O3 thin films: An in-situ view. Applied Surface Science, 2022, 574, 151608.	6.1	9
2	Integration of epitaxial La2/3Sr1/3MnO3 thin films on silicon-on-sapphire substrate for MEMS applications. Applied Surface Science, 2022, 579, 152095.	6.1	5
3	HAADF STEM and Ab Initio Calculations Investigation of Anatase TiO2/LaAlO3 Heterointerface. Applied Sciences (Switzerland), 2022, 12, 1489.	2.5	0
4	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
5	Oxygenâ€Driven Metalâ€“Insulator Transition in SrNbO₃ Thin Films Probed by Infrared Spectroscopy. Advanced Electronic Materials, 2022, 8, .	5.1	6
6	Evidence of a 2D Electron Gas in a Singleâ€Unitâ€Cell of Anatase TiO₂ (001). Advanced Science, 2022, 9, e2105114.	11.2	7
7	Electronic Properties of Fully Strained La_{1â€“x}Sr_xMnO₃ Thin Films Grown by Molecular Beam Epitaxy (0.15 â‰¤ x â‰¤ 0.45). ACS Omega, 2022, 7, 14571-14578.	3.5	6
8	Normal-State Transport Properties of Infinite-Layer Sr1â^'xLaxCuO2 Electron-Doped Cuprates in Optimal- and Over-Doped Regimes. Nanomaterials, 2022, 12, 1709.	4.1	1
9	Disentangling Structural and Electronic Properties in V₂O₃ Thin Films: A Genuine Nonsymmetry Breaking Mott Transition. Nano Letters, 2022, 22, 5990-5996.	9.1	6
10	Spectroscopic Evidence of a Dimensionality-Induced Metal-to-Insulator Transition in the Ruddlesdenâ€“Popper La_{n+1}Ni_nO_{3n+1} Series. ACS Applied Materials & Interfaces, 2021, 13, 6813-6819.	8.0	5
11	Direct-ARPES and STM Investigation of FeSe Thin Film Growth by Nd:YAG Laser. Coatings, 2021, 11, 276.	2.6	5
12	Tuning the magnetic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:mi>CoFeB</mml:mi></mml:mrow heterostructures across the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="n	2.4	7
13	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
14	Omnipresence of Weak Antilocalization (WAL) in Bi2Se3 Thin Films: A Review on Its Origin. Nanomaterials, 2021, 11, 1077.	4.1	13
15	Ferromagnetism in ultrathin surface-free La0.7Sr0.3MnO3 layers in electrostatically defined heterostructures. Physical Review Materials, 2021, 5, .	2.4	0
16	Evidence of Mn-Ion Structural Displacements Correlated with Oxygen Vacancies in La_{0.7}Sr_{0.3}MnO₃ Interfacial Dead Layers. ACS Applied Materials & Interfaces, 2021, 13, 55666-55675.	8.0	8
17	Improved Structural Properties in Homogeneously Doped Sm_{0.4}Ce_{0.6}O_{2â^'Î´} Epitaxial Thin Films: High Doping Effect on the Electronic Bands. ACS Applied Materials & Interfaces, 2020, 12, 47556-47563.	8.0	5
18	Unveiling Oxygen Vacancy Superstructures in Reduced Anatase Thin Films. Nano Letters, 2020, 20, 6444-6451.	9.1	20

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19	Analysis of Metal-Insulator Crossover in Strained SrRuO3 Thin Films by X-ray Photoelectron Spectroscopy. Coatings, 2020, 10, 780.	2.6	7
20	Predominance of z2-orbitals at the surface of both hole- and electron-doped manganites. Journal of Electron Spectroscopy and Related Phenomena, 2020, 245, 147016.	1.7	2
21	Epitaxial strain and thickness dependent structural, electrical and magnetic properties of La_{0.67}Sr_{0.33}MnO₃ films. Journal Physics D: Applied Physics, 2020, 53, 375005.	2.8	21
22	Orbital Hybridization and Magnetic Coupling at Cuprateâ€“Manganite Interfaces Driven by Manganite Doping. Advanced Quantum Technologies, 2020, 3, 2000016.	3.9	9
23	Tuning the Optical Absorption of Anatase Thin Films Across the Visible-To-Near-Infrared Spectral Region. Physical Review Applied, 2020, 13, .	3.8	12
24	Direct insight into the band structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrNbO</mml:mi><mml:mn>3</mml:mn></mml:msub></r Physical Review Materials, 2020, 4, .	2.4	17
25	[illegible] of delocalized carriers in anatase <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TiO</mml:mi><mml:mn>2</mml:mn></mml:msub></m (001) during reaction with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2020, 4, .	2.4	25
26	Transient quantum isolation and critical behavior in the magnetization dynamics of half-metallic manganites. Physical Review B, 2019, 100, .	3.2	10
27	Low temperature hidden Fermi-liquid charge transport in under doped La x Sr1â^'x CuO2 infinite layer electron-doped thin films. Journal of Physics Condensed Matter, 2019, 31, 445601.	1.8	2
28	Carrier confinement effects observed in the normal-state electrical transport of electron-doped cuprate trilayers. Journal Physics D: Applied Physics, 2019, 52, 135303.	2.8	4
29	Robustness of topological states in Bi2Se3 thin film grown by Pulsed Laser Deposition on (0 0) Tj ETQq1 1 0.784314 rgBT /Overlock 10	6.1	17
30	Untwinned <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></ thin films on MgO substrates: A platform to study strain effects on the local orders in cuprates. Physical Review Materials, 2019, 3, .	2.4	9
31	X-ray absorption spectroscopy study of annealing process on Sr1â€“xLaxCuO2 electron-doped cuprate thin films. Journal of Applied Physics, 2018, 123, .	2.5	6
32	Room temperature biaxial magnetic anisotropy in La0.67Sr0.33MnO3 thin films on SrTiO3 buffered MgO (001) substrates for spintronic applications. Applied Physics Letters, 2018, 113, .	3.3	16
33	Fabrication of SrTiO3 Layer on Pt Electrode for Label-Free Capacitive Biosensors. Biosensors, 2018, 8, 26.	4.7	12
34	Nature of the metal-insulator transition in few-unit-cell-thick LaNiO3 films. Nature Communications, 2018, 9, 2206.	12.8	66
35	Buried Interfaces Effects in Ionic Conductive LaF₃â€“SrF₂ Multilayers. Advanced Materials Interfaces, 2017, 4, 1600875.	3.7	3
36	Effects of Dopant Ionic Radius on Cerium Reduction in Epitaxial Cerium Oxide Thin Films. Journal of Physical Chemistry C, 2017, 121, 8841-8849.	3.1	44

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37	Structural and electronic properties of Bi2Se3 topological insulator thin films grown by pulsed laser deposition. Applied Physics Letters, 2017, 110, .	3.3	45
38	Role of Oxygen Deposition Pressure in the Formation of Ti Defect States in TiO₂(001) Anatase Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 23099-23106.	8.0	25
39	Growth and characterization of charge carrier spatially confined SrMnO3/La0.7Sr0.3MnO3/SrMnO3 trilayers. Journal of Crystal Growth, 2017, 459, 56-60.	1.5	4
40	Ion Charge Dynamics in Ceria-Based Metal Insulator Metal Structure. Journal of Physical Chemistry C, 2017, 121, 23406-23412.	3.1	1
41	Transport properties of ultrathin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></m mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></ nanowires: A route to single-photon detection. Physical Review B, 2017, 96, .	3.2	37
42	Spin and charge excitations in artificial hole- and electron-doped infinite layer cuprate superconductors. Physical Review B, 2017, 96, .	3.2	17
43	Effect of natural homointerfaces on the magnetic properties of pseudomorphic La0.7Sr0.3MnO3 thin film: Phase separation vs split domain structure. Journal of Magnetism and Magnetic Materials, 2016, 420, 88-96.	2.3	2
44	Role of Associated Defects in Oxygen Ion Conduction and Surface Exchange Reaction for Epitaxial Samaria-Doped Ceria Thin Films as Catalytic Coatings. ACS Applied Materials & Interfaces, 2016, 8, 14613-14621.	8.0	39
45	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
46	The Role of Quantum Interference Effects in Normal-State Transport Properties of Electron-Doped Cuprates. Journal of Superconductivity and Novel Magnetism, 2015, 28, 3481-3486.	1.8	7
47	Optical study of the insulator-to-metal transition in LaxMnO3thin films. Materials Research Express, 2014, 1, 036406.	1.6	1
48	The role of the substrate surface morphology in enhancing the MgB2 superconducting temperature. Journal of Materials Science, 2014, 49, 4108-4114.	3.7	2
49	Synthesis and properties of highly metallic orbital-ordered A-site manganites. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	9
50	Layer-by-layer shuttered molecular-beam epitaxial growth of superconducting Sr1â€“xLaxCuO2 thin films. Journal of Applied Physics, 2013, 113, .	2.5	22
51	Universal origin of unconventional1/fnoise in the weak-localization regime. Physical Review B, 2013, 87, .	3.2	23
52	Electronic band redistribution probed by oxygen absorption spectra of (SrMnO<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 167 Tc xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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55	Correlation between structural properties and resistivity critical behavior in SrRuO₃thin films. Journal of Physics Condensed Matter, 2012, 24, 435603.	1.8	3
56	Evidence of electronic band redistribution in La0.65Sr0.35MnO3â¯Îby hard x-ray photoelectron spectroscopy. Physical Review B, 2012, 86, .	3.2	25
57	Electron backscattering diffraction and X-ray diffraction studies of interface relationships in Sr3Ru2O7/Sr2RuO4 eutectic crystals. Micron, 2011, 42, 324-329.	2.2	2
58	Magnetic properties and orbital anisotropy driven by Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math>in nonstoichiometric La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow	3.2	18
59	Enhanced transport properties in La x MnO 3-Î´ thin films grown on SrTiO 3 substrates. , 2010, , .		1
60	Optimization of La0.7Ba0.3MnO3â¯Î´ complex oxide laser ablation conditions by plume imaging and optical emission spectroscopy. Journal of Applied Physics, 2010, 108, 043302.	2.5	38
61	Anisotropic transport properties in tiltedc-axis MgB2thin films. Superconductor Science and Technology, 2010, 23, 025012.	3.5	3
62	Spin-polarized current effects in disordered La0.7Ba0.3MnO3half-metal thin films. Journal Physics D: Applied Physics, 2010, 43, 245001.	2.8	3
63	Optical Properties of (SrMnO₃)_n/(LaMnO₃)_{2n} Superlattices: An Insulator-to-Metal Transition Observed in the Absence of Disorder. Nano Letters, 2010, 10, 4819-4823.	9.1	27
64	Multiple double-exchange mechanism by<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:m in manganite compounds. Physical Review B, 2010, 82, .	3.2	43
65	Physical properties of La0.7Ba0.3MnO3â¯Î´ complex oxide thin films grown by pulsed laser deposition technique. Applied Physics Letters, 2010, 96, 032501.	3.3	39
66	Evolution of magnetic phases and orbital occupation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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73	Systematic study of disorder induced by neutron irradiation in MgB2 thin films. Journal of Applied Physics, 2007, 101, 043903.	2.5	35
74	Unusual dependence of resistance and voltage noise on current inLa1â^'xSrxMnO3ultrathin films. Physical Review B, 2007, 75, .	3.2	21
75	Role of interband scattering in neutron irradiatedMgB2thin films by scanning tunneling spectroscopy measurements. Physical Review B, 2007, 75, .	3.2	18
76	Probing the Nonlinearities Arising in the Microwave Response of Superconductors by Intermodulation Distortion. IEEE Transactions on Applied Superconductivity, 2007, 17, 3640-3643.	1.7	0
77	CaBaCuO Ultrathin Films and Junctions. IEEE Transactions on Applied Superconductivity, 2007, 17, 3581-3584.	1.7	0
78	Direct Measurement of Sheet ResistanceRâ—¡in Cuprate Systems: Evidence of a Fermionic Scenario in a Metal-Insulator Transition. Physical Review Letters, 2007, 98, 036401.	7.8	22
79	Influence of a single disorder parameter on the conduction mechanisms in manganite thin films. Physical Review B, 2007, 76, .	3.2	19
80	Effects of Neutron Irradiation on Magnesium Diboride Thin Films. IEEE Transactions on Applied Superconductivity, 2007, 17, 2858-2861.	1.7	1
81	Transport measurements on ultra-thin CaBaCuO films. Physica C: Superconductivity and Its Applications, 2007, 460-462, 845-846.	1.2	0
82	Fluctuations on the magnetic response of superconducting thin films of Nb and MgB2 â€“ Percolation limit of vortex mobility. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1268-1269.	1.2	0
83	In-plane anisotropy in the magnetic and transport properties of manganite ultrathin films. Physical Review B, 2006, 74, .	3.2	20
84	Low-temperature resistivity ofLa0.7Sr0.3MnO3ultra thin films: Role of quantum interference effects. Physical Review B, 2006, 73, .	3.2	50
85	Dissipation in ultra-thin current-carrying superconducting bridges; evidence for quantum tunneling of Pearl vortices. Europhysics Letters, 2006, 73, 948-954.	2.0	42
86	Intermodulation distortion measurements of MgB2 thin films grown by HPCVD. Journal of Physics: Conference Series, 2006, 43, 702-705.	0.4	3
87	Anomalous flux dynamics in magnesium diboride films. Physica C: Superconductivity and Its Applications, 2006, 437-438, 171-175.	1.2	3
88	Quantum behaviors in high-TC systems: Macroscopic and vortex quantum tunneling. Physica C: Superconductivity and Its Applications, 2006, 437-438, 303-308.	1.2	0
89	Enhancement of flux pinning and high-field critical current density in carbon-alloyedMgB2thin films. Physical Review B, 2006, 74, .	3.2	44
90	Intrinsic nonlinearity probed by intermodulation distortion microwave measurements on high quality MgB2 thin films. Applied Physics Letters, 2006, 88, 142510.	3.3	13

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91	Synchrotron X-ray diffraction study of SrRuO3/SrTiO3/SrRuO3 nano-sized heterostructures grown by laser MBE. European Physical Journal B, 2005, 46, 251-255.	1.5	3
92	High upper critical field and irreversibility field in MgB2 coated-conductor fibers. Applied Physics Letters, 2005, 87, 252509.	3.3	43
93	Characterization of off-axis MgB2 epitaxial thin films for planar junctions. Applied Physics Letters, 2005, 87, 242506.	3.3	14
94	Investigations of<tex>$rm MgB_2/rm MgO$</tex>and<tex>$rm MgB_2/rm AlN$</tex>Heterostructures for Josephson Devices. IEEE Transactions on Applied Superconductivity, 2005, 15, 228-231.	1.7	4
95	Degradation of<tex>$rm MgB_2$</tex>Thin Films in Water. IEEE Transactions on Applied Superconductivity, 2005, 15, 224-227.	1.7	19
96	Nonlinearity in the Microwave Properties of<tex>$rm MgB_2$</tex>Thin Films: Power Dependence and Intermodulation Distortion. IEEE Transactions on Applied Superconductivity, 2005, 15, 3612-3615.	1.7	2
97	Superconducting quantum interference device microscopy of fluxoids in superconducting rings and artificially layered systems. Superconductor Science and Technology, 2004, 17, 217-223.	3.5	4
98	Magnetic Imaging of Pearl Vortices in Artificially Layered(Ba0.9Nd0.1CuO2+x)m/(CaCuO2)nSystems. Physical Review Letters, 2004, 92, 157006.	7.8	38
99	Suppression of the metal-insulator transition temperature in thin La0.7Sr0.3MnO3 films. Journal of Applied Physics, 2004, 96, 6387-6392.	2.5	109
100	Advances in high-Tc grain-boundary junctions. Low Temperature Physics, 2004, 30, 591-598.	0.6	11
101	Structural characterization of ultrathin cuprate artificial superconducting structures by x-ray synchrotron radiation. Journal of Applied Physics, 2003, 94, 6991-6993.	2.5	4
102	INDUCTIVE CHARACTERIZATION OF SUPERCONDUCTING NANO-ENGINEERED ARTIFICIAL CUPRATES. International Journal of Modern Physics B, 2003, 17, 393-399.	2.0	1
103	Very Large Purely Intralayer Critical Current Density in Ultrathin Cuprate Artificial Structures. Physical Review Letters, 2002, 89, 156402.	7.8	12
104	Growth mode of epitaxial superlattices[BaCuO2+x]2/[CaCuO2]3on vicinal (001)SrTiO3substrates studied by x-ray diffraction. Physical Review B, 2002, 65, .	3.2	11
105	Superconductivity in the surface layer ofSrTiO3/(Ba0.9Nd0.1)CuO2+x/CaCuO2heteroepitaxial structures. Physical Review B, 2002, 66, .	3.2	6
106	Artificial high-temperature superconducting structures. , 2002, 4811, 120.		0
107	Superconductivity and interlayer coupling in ultrathin artificially layered cuprates. Physica C: Superconductivity and Its Applications, 2002, 372-376, 590-595.	1.2	5
108	SrRuO $ mathsf {_{3}}$ based heterostructures grown by pulsed laser deposition. European Physical Journal B, 2002, 29, 561-566.	1.5	6

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109	Strain effect on transport properties of SrRuO 3 films grown by laser MBE. European Physical Journal B, 2002, 26, 23-28.	1.5	1
110	Strain Effects in SrRuO3 Thin Films and Heterostructures. Lecture Notes in Physics, 2002, , 312-324.	0.7	1
111	Title is missing!. European Physical Journal B, 2002, 26, 23-28.	1.5	8
112	Interlayer coupling in ultrathin high-Tcartificial structures. Physical Review B, 2001, 64, .	3.2	21
113	Superconductivity in ultrathin artificial cuprate structures. Applied Physics Letters, 2001, 79, 99-101.	3.3	18
114	Dual mode superconducting planar filters based on slotted square resonators. IEEE Transactions on Applied Superconductivity, 2001, 11, 473-476.	1.7	9
115	HIGH POWER HANDLING SUPERCONDUCTING PLANAR FILTERS FOR TELECOMMUNICATION APPLICATIONS. International Journal of Modern Physics B, 2000, 14, 3092-3097.	2.0	1
116	A simple and reliable system forin situdeposition of large-area double-sided, superconducting films. Superconductor Science and Technology, 2000, 13, 1441-1446.	3.5	5
117	Development of L-band and C-band superconducting planar filters for wireless systems. , 0, , .		4