

# Alice Galdi

## List of Publications by Year in descending order

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53  
papers

886  
citations

394286

19  
h-index

501076

28  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing Thickness and Doping-Induced Effects on the Normal States of Infinite-Layer Electron-Doped Cuprates: Is There Anything to Learn?. <i>Nanomaterials</i> , 2022, 12, 1092.	1.9	1
2	A kiloelectron-volt ultrafast electron micro-diffraction apparatus using low emittance semiconductor photocathodes. <i>Structural Dynamics</i> , 2022, 9, 024302.	0.9	12
3	Single-Crystal Alkali Antimonide Photocathodes: High Efficiency in the Ultrathin Limit. <i>Physical Review Letters</i> , 2022, 128, 114801.	2.9	20
4	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.	1.9	1
5	Beam brightness from $\text{CsTe}$ near the photoemission threshold. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	10
6	Reduction of surface roughness emittance of $\text{Cs}_3\text{Sb}$ photocathodes grown via codeposition on single crystal substrates. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	11
7	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, .	0.9	0
8	Computational synthesis of substrates by crystal cleavage. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	2
9	Predominance of $z_2$ -orbitals at the surface of both hole- and electron-doped manganites. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2020, 245, 147016.	0.8	2
10	The effects of oxygen-induced phase segregation on the interfacial electronic structure and quantum efficiency of $\text{Cs}_3\text{Sb}$ photocathodes. <i>Journal of Chemical Physics</i> , 2020, 153, 144705.	1.2	11
11	Orbital Hybridization and Magnetic Coupling at Cuprate-Manganite Interfaces Driven by Manganite Doping. <i>Advanced Quantum Technologies</i> , 2020, 3, 2000016.	1.8	9
12	Optimization of the electrical performances in Solid Oxide Fuel Cells with room temperature sputter deposited $\text{Gd}_{0.1}\text{Ce}_{0.9}\text{O}_{1.95}$ buffer layers by controlling their granularity via the in-air annealing step. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 12997-13008.	3.8	10
13	Improved lifetime of a high spin polarization superlattice photocathode. <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	14
14	Long lifetime polarized electron beam production from negative electron affinity GaAs activated with Sb-Cs-O: Trade-offs between efficiency, spin polarization, and lifetime. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	0.6	18
15	Low temperature hidden Fermi-liquid charge transport in under doped $\text{La}_x\text{Sr}_{1-x}\text{CuO}_2$ infinite layer electron-doped thin films. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 445601.	0.7	2
16	Low energy photoemission from (100) $\text{Ba}_{1-x}\text{La}_x\text{SnO}_3$ thin films for photocathode applications. <i>European Physical Journal: Special Topics</i> , 2019, 228, 713-718.	1.2	2
17	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.	1.3	4
18	X-ray absorption spectroscopy study of annealing process on $\text{Sr}_{1-x}\text{La}_x\text{CuO}_2$ electron-doped cuprate thin films. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	6

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19	Structural and Electrical Characterization of Sputter-Deposited Gd <sub>0.1</sub> Ce <sub>0.9</sub> O <sub>2</sub> Thin Buffer Layers at the Y-Stabilized Zirconia Electrolyte Interface for IT-Solid Oxide Cells. <i>Catalysts</i> , 2018, 8, 571.	1.6	15
20	Investigation of Interface Diffusion in Sputter Deposited Gd <sub>0.1</sub> Ce <sub>0.9</sub> O <sub>1.95</sub> Thin Buffer Layers on Y-Stabilized Zirconia Crystalline Substrates for Solid Oxide Cells Applications. <i>Journal of Material Science &amp; Engineering</i> , 2018, 07, .	0.2	1
21	Structural and electronic properties of Bi <sub>2</sub> Se <sub>3</sub> topological insulator thin films grown by pulsed laser deposition. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	45
22	Growth and characterization of charge carrier spatially confined SrMnO <sub>3</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /SrMnO <sub>3</sub> trilayers. <i>Journal of Crystal Growth</i> , 2017, 459, 56-60.	0.7	4
23	Spin and charge excitations in artificial hole- and electron-doped infinite layer cuprate superconductors. <i>Physical Review B</i> , 2017, 96, .	1.1	17
24	Noise Spectroscopy Investigation of Interplay Between Quantum Interference Effects and Superconductivity in Infinite Layer Cuprates. <i>IEEE Transactions on Applied Superconductivity</i> , 2016, 26, 1-4.	1.1	2
25	Nonequilibrium fluctuations as a distinctive feature of weak localization. <i>Scientific Reports</i> , 2015, 5, 10705.	1.6	20
26	The Role of Quantum Interference Effects in Normal-State Transport Properties of Electron-Doped Cuprates. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 3481-3486.	0.8	7
27	Optical study of the insulator-to-metal transition in La <sub>x</sub> MnO <sub>3</sub> thin films. <i>Materials Research Express</i> , 2014, 1, 036406.	0.8	1
28	Structural characterisation of BaTiO <sub>3</sub> thin films deposited on SrRuO <sub>3</sub> /YSZ buffered silicon substrates and silicon microcantilevers. <i>Journal of Applied Physics</i> , 2014, 115, 053506.	1.1	14
29	Synthesis and properties of highly metallic orbital-ordered A-site manganites. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	9
30	Layer-by-layer shuttered molecular-beam epitaxial growth of superconducting Sr <sub>1-x</sub> La <sub>x</sub> CuO <sub>2</sub> thin films. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	22
31	Universal origin of unconventional noise in the weak-localization regime. <i>Physical Review B</i> , 2013, 87, 080407. Electronic band redistribution probed by oxygen absorption spectra of (SrMnO <sub>3</sub> ) <sub>1-x</sub> (La <sub>1-x</sub> ) <sub>0.9</sub> O <sub>7</sub> . <i>Physical Review B</i> , 2013, 87, 080407.	1.1	23
32	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

#	ARTICLE	IF	CITATIONS
37	Evidence of electronic band redistribution in $\text{La}_{0.65}\text{Sr}_{0.35}\text{MnO}_3$ by hard x-ray photoelectron spectroscopy. <i>Physical Review B</i> , 2012, 86. Magnetic properties and orbital anisotropy driven by Mn	1.1	25
38	nonstoichiometric $\text{La}_{2-x}\text{MnO}_3$ thin films in	1.1	18
39	Enhanced transport properties in $\text{La}_{1-x}\text{MnO}_3$ thin films grown on $\text{SrTiO}_3$ substrates. , 2010, , .		1
40	Spin-polarized current effects in disordered $\text{La}_{0.7}\text{Ba}_{0.3}\text{MnO}_3$ half-metal thin films. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 245001.	1.3	3
41	Multiple double-exchange mechanism by Mn in manganite compounds. <i>Physical Review B</i> , 2010, 82, .	1.1	43
42	Physical properties of $\text{La}_{0.7}\text{Ba}_{0.3}\text{MnO}_3$ complex oxide thin films grown by pulsed laser deposition technique. <i>Applied Physics Letters</i> , 2010, 96, 032501.	1.5	39
43	Evolution of magnetic phases and orbital occupation in		