# Alice Galdi

List of Publications by Year
in descending order



| 53 | 886 | 394286 | 501076 |
|---|---|---|---|
| papers | citations | 19 h-index | 28 g-index |

| 54 | 54 | 54 | 1182 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evolution of magnetic phases and orbital occupation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Nonequilibrium fluctuations as a distinctive feature of weak localization. Scientific Reports, 2015, 5, 10705. | 1.6 | 20 |
| 20 | Single-Crystal Alkali Antimonide Photocathodes: High Efficiency in the Ultrathin Limit. Physical Review Letters, 2022, 128, 114801. | 2.9 | 20 |
| 21 | Influence of a single disorder parameter on the conduction mechanisms in manganite thin films. Physical Review B, 2007, 76, . | 1.1 | 19 |
| 22 | 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 /> | 1.1 | 18 |
| 23 | Long lifetime polarized electron beam production from negative electron affinity GaAs activated with Sb-Cs-O: Trade-offs between efficiency, spin polarization, and lifetime. Physical Review Accelerators and Beams, 2020, 23, . | 0.6 | 18 |
| 24 | Spin and charge excitations in artificial hole- and electron-doped infinite layer cuprate superconductors. Physical Review B, 2017, 96, . | 1.1 | 17 |
| 25 | Structural and Electrical Characterization of Sputter-Deposited Gd0.1Ce0.9O2â^Î´ Thin Buffer Layers at the Y-Stabilized Zirconia Electrolyte Interface for IT-Solid Oxide Cells. Catalysts, 2018, 8, 571. | 1.6 | 15 |
| 26 | Structural characterisation of BaTiO3 thin films deposited on SrRuO3/YSZ buffered silicon substrates and silicon microcantilevers. Journal of Applied Physics, 2014, 115, 053506. | 1.1 | 14 |
| 27 | Improved lifetime of a high spin polarization superlattice photocathode. Journal of Applied Physics, 2020, 127, . | 1.1 | 14 |
| 28 | A kiloelectron-volt ultrafast electron micro-diffraction apparatus using low emittance semiconductor photocathodes. Structural Dynamics, 2022, 9, 024302. | 0.9 | 12 |
| 29 | The effects of oxygen-induced phase segregation on the interfacial electronic structure and quantum efficiency of Cs3Sb photocathodes. Journal of Chemical Physics, 2020, 153, 144705. | 1.2 | 11 |
| 30 | Reduction of surface roughness emittance of Cs3Sb photocathodes grown via codeposition on single crystal substrates. Applied Physics Letters, 2021, 118, . | 1.5 | 11 |
| 31 | Epitaxial PZT thin films on YSZ-buffered Si (001) substrates for piezoelectric MEMS or NEMS applications. IOP Conference Series: Materials Science and Engineering, 2012, 41, 012012. | 0.3 | 10 |
| 32 | Optimization of the electrical performances in Solid Oxide Fuel Cells with room temperature sputter deposited Gd0.1ce0.9o1.95 buffer layers by controlling their granularity via the in-air annealing step. International Journal of Hydrogen Energy, 2020, 45, 12997-13008. | 3.8 | 10 |
| 33 | Beam brightness from Csâ€“Te near the photoemission threshold. Applied Physics Letters, 2021, 118, . | 1.5 | 10 |
| 34 | Off-stoichiometry effect on orbital order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>-site manganites probed by x-ray absorption spectroscopy. Physical Review B, 2012, 86, . | 1.1 | 9 |
| 35 | Synthesis and properties of highly metallic orbital-ordered A-site manganites. Journal of Nanoparticle Research, 2013, 15, 1. | 0.8 | 9 |
| 36 | Orbital Hybridization and Magnetic Coupling at Cuprateâ€“Manganite Interfaces Driven by Manganite Doping. Advanced Quantum Technologies, 2020, 3, 2000016. | 1.8 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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. | 0.8 | 7 |
| 38 | X-ray absorption spectroscopy study of annealing process on Sr1â€“xLaxCuO2 electron-doped cuprate thin films. Journal of Applied Physics, 2018, 123, . | 1.1 | 6 |
| 39 | Growth and characterization of charge carrier spatially confined SrMnO3/La0.7Sr0.3MnO3/SrMnO3 trilayers. Journal of Crystal Growth, 2017, 459, 56-60. | 0.7 | 4 |
| 40 | Carrier confinement effects observed in the normal-state electrical transport of electron-doped cuprate trilayers. Journal Physics D: Applied Physics, 2019, 52, 135303. | 1.3 | 4 |
| 41 | Spin-polarized current effects in disordered La0.7Ba0.3MnO3half-metal thin films. Journal Physics D: Applied Physics, 2010, 43, 245001. | 1.3 | 3 |
| 42 | Correlation between structural properties and resistivity critical behavior in SrRuO<sub>3</sub>thin films. Journal of Physics Condensed Matter, 2012, 24, 435603. | 0.7 | 3 |
| 43 | Noise Spectroscopy Investigation of Interplay Between Quantum Interference Effects and Superconductivity in Infinite Layer Cuprates. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4. | 1.1 | 2 |
| 44 | Low temperature hidden Fermi-liquid charge transport in under doped La x Sr1âˆ'x CuO2 infinite layer electron-doped thin films. Journal of Physics Condensed Matter, 2019, 31, 445601. | 0.7 | 2 |
| 45 | Low energy photoemission from (100) Ba1âˆ'xLaxSnO3 thin films for photocathode applications. European Physical Journal: Special Topics, 2019, 228, 713-718. | 1.2 | 2 |
| 46 | Predominance of z2-orbitals at the surface of both hole- and electron-doped manganites. Journal of Electron Spectroscopy and Related Phenomena, 2020, 245, 147016. | 0.8 | 2 |
| 47 | Computational synthesis of substrates by crystal cleavage. Npj Computational Materials, 2021, 7, . | 3.5 | 2 |
| 48 | Enhanced transport properties in La x MnO 3-Î´ thin films grown on SrTiO 3 substrates. , 2010, , . | | 1 |
| 49 | Optical study of the insulator-to-metal transition in LaxMnO3thin films. Materials Research Express, 2014, 1, 036406. | 0.8 | 1 |
| 50 | Investigation of Interface Diffusion in Sputter Deposited Gd0.1Ce0.9O1.95 Thin Buffer Layers on Y-Stabilized Zirconia Crystalline Substrates for Solid Oxide Cells Applications. Journal of Material Science & Engineering, 2018, 07, . | 0.2 | 1 |
| 51 | 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. | 1.9 | 1 |
| 52 | Normal-State Transport Properties of Infinite-Layer Sr1âˆ'xLaxCuO2 Electron-Doped Cuprates in Optimal- and Over-Doped Regimes. Nanomaterials, 2022, 12, 1709. | 1.9 | 1 |
| 53 | Ferromagnetism in ultrathin surface-free La0.7Sr0.3MnO3 layers in electrostatically defined heterostructures. Physical Review Materials, 2021, 5, . | 0.9 | 0 |