

Costantino Mauro

List of Publications by Year in descending order

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papers

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docs citations

17
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between Electronic Defect States Distribution and Device Performance of Perovskite Solar Cells. <i>Advanced Science</i> , 2017, 4, 1700183.	11.2	117
2	A noise model for the evaluation of defect states in solar cells. <i>Scientific Reports</i> , 2016, 6, 29685.	3.3	36
3	Unravelling the low-temperature metastable state in perovskite solar cells by noise spectroscopy. <i>Scientific Reports</i> , 2016, 6, 34675.	3.3	32
4	Universal crossover of the charge carrier fluctuation mechanism in different polymer/carbon nanotubes composites. <i>Applied Physics Letters</i> , 2015, 107, 143106.	3.3	25
5	Kondo-like transport and magnetic field effect of charge carrier fluctuations in granular aluminum oxide thin films. <i>Scientific Reports</i> , 2018, 8, 13892.	3.3	15
6	Current-Resistance Effects Inducing Nonlinear Fluctuation Mechanisms in Granular Aluminum Oxide Nanowires. <i>Nanomaterials</i> , 2020, 10, 524.	4.1	12
7	Detecting antiferromagnetism in tetragonal C_{r_2} by electrical measurements. <i>Physical Review B</i> , 2019, 100, .	3.2	11
8	Magnetotransport and magnetic properties of amorphous NdNi_5 thin films. <i>Scientific Reports</i> , 2020, 10, 13693.	3.3	9
9	Probing Temperature-Dependent Recombination Kinetics in Polymer:Fullerene Solar Cells by Electric Noise Spectroscopy. <i>Energies</i> , 2017, 10, 1490.	3.1	7
10	Conductivity response of amorphous oxide interfaces to pulsed light illumination. <i>Nanotechnology</i> , 2019, 30, 254005.	2.6	7
11	Low-frequency electric noise spectroscopy in different polymer/carbon nanotubes composites. <i>Diamond and Related Materials</i> , 2016, 65, 32-36.	3.9	6
12	Unconventional magnetic field effect on noise properties of AlOx thin films in Kondo-like transport regime. <i>European Physical Journal: Special Topics</i> , 2019, 228, 697-702.	2.6	6
13	Electric Transport in Gold-Covered Sodium Alginate Free-Standing Foils. <i>Nanomaterials</i> , 2021, 11, 565.	4.1	6
14	Photoconductivity in 2D electron gases at the amorphous-LGO/STO oxide interface: a dynamical analysis. <i>European Physical Journal: Special Topics</i> , 2019, 228, 675-681.	2.6	5
15	Comparison of the Electric Noise Properties of Novel Superconductive Materials for Electronics Applications. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-4.	1.7	4
16	Noise spectroscopy as a tool for the characterization of perovskite, organic and silicon solar cells. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	4
17	Noise Spectroscopy Investigation of Aging Induced Degradation in Iron-Chalcogenide Superconductors. <i>IEEE Transactions on Applied Superconductivity</i> , 2016, , 1-1.	1.7	2