Christoforos Gravalidis

List of Publications by Year
in descending order

24	579	840776 11	677142 22
papers	citations	h-index	g-index

24	24	24	911
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface kinetics and subplantation phenomena affecting the texture, morphology, stress, and growth evolution of titanium nitride films. Journal of Applied Physics, 2004, 96, 6234-6246.	2.5	125
2	Optical and structural properties of ZnO for transparent electronics. Thin Solid Films, 2008, 516, 1345-1349.	1.8	74
3	Fully gravure printed organic photovoltaic modules: A straightforward process with a high potential for large scale production. Solar Energy Materials and Solar Cells, 2016, 144, 724-731.	6.2	73
4	Optical and nanomechanical study of anti-scratch layers on polycarbonate lenses. Superlattices and Microstructures, 2004, 36, 171-179.	3.1	51
5	Highâ€Mobility and Low Turnâ€On Voltage nâ€Channel OTFTs Based on a Solutionâ€Processable Derivative of Naphthalene Bisimide. Advanced Functional Materials, 2012, 22, 3840-3844.	14.9	38
6	Fabrication of quercetin-loaded PLGA nanoparticles via electrohydrodynamic atomization for cardiovascular disease. Materials Today: Proceedings, 2018, 5, 15998-16005.	1.8	32
7	Perovskite solar cells from small scale spin coating process towards roll-to-roll printing: Optical and Morphological studies. Materials Today: Proceedings, 2017, 4, 5082-5089.	1.8	31
8	Efficient combination of Roll-to-Roll compatible techniques towards the large area deposition of a polymer dielectric film and the solution-processing of an organic semiconductor for the field-effect transistors fabrication on plastic substrate. Organic Electronics, 2019, 73, 231-239.	2.6	21
9	Fiber yarns/CNT hierarchical structures as thermoelectric generators. Materials Today: Proceedings, 2017, 4, 7070-7075.	1.8	20
10	Efficient flexible printed perovskite solar cells based on lead acetate precursor. Solar Energy, 2018, 176, 406-411.	6.1	16
11	Enhancement of P3HT:PCBM Photovoltaic Shells Efficiency Incorporating Core-shell Au@Ag Plasmonic Nanoparticles1. Materials Today: Proceedings, 2016, 3, 832-839.	1.8	15
12	Gravure Printed Organic Photovoltaic Modules Onto Flexible Substrates Consisting of a P3HT:PCBM Photoactive Blend1. Materials Today: Proceedings, 2016, 3, 746-757.	1.8	11
13	Insights on the Optical Properties of Poly(3,4-Ethylenedioxythiophene):Poly(styrenesulfonate) Formulations by Optical Metrology. Materials, 2017, 10, 959.	2.9	11
14	Surface-activation processes and ionâ€“solid interactions during the nucleation and growth of ultra-thin amorphous carbon films. Thin Solid Films, 2003, 428, 211-215.	1.8	10
15	Optical and electronic characterization on polymeric membranes. Synthetic Metals, 2003, 138, 369-374.	3.9	10
16	Transparent and air stable organic field effect transistors with ordered layers of dibenzo[d,d]thieno[3,2-b;4,5-bâ€²]dithiophene obtained from solution. Optical Materials, 2012, 34, 1660-1663.	3.6	9
17	Improvement of Inverted OPV Performance by Enhancement of ZnO Layer Properties as an Electron Transfer Layer1. Materials Today: Proceedings, 2016, 3, 758-771.	1.8	8
18	Plasma shielding of a XeCl-laser-irradiated YBCO target. Applied Physics A: Materials Science and Processing, 2000, 71, 325-329.	2.3	6

#	Article	IF	Citations
19	Is sonication superior to dithiothreitol in diagnosis of periprosthetic joint infections? A meta-analysis. International Orthopaedics, 2022, 46, 1215-1224.	1.9	6
20	Characterization of Si nanocrystals into SiO2 matrix. Applied Surface Science, 2006, 253, 385-388.	6.1	5
21	Synthesis and Characterization of Ag Nanoparticles for Orthopaedic applications. Materials Today: Proceedings, 2017, 4, 6889-6900.	1.8	4
22	X-ray diffuse scattering investigation of thin films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2003, 102, 25-29.	3.5	3
23	Screening effects of the excimer laser produced plasma of YBa2Cu3O7. Journal of Materials Processing Technology, 2001, 108, 197-200.	6.3	0
24	Simple method for coating Si (100) surfaces with ferritin monolayersâ€”Iron oxide quantum dots. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 500-503.	3.5	0