

Julian Parra-Barranco

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

230
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation lengths, porosity and water adsorption in TiO ₂ thin films prepared by glancing angle deposition. <i>Nanotechnology</i> , 2012, 23, 205701.	2.6	61
2	Nanocolumnar growth of thin films deposited at oblique angles: Beyond the tangent rule. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2014, 32, .	1.2	42
3	Liquids Analysis with Optofluidic Bragg Microcavities. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6743-6750.	8.0	34
4	Tuning Dichroic Plasmon Resonance Modes of Gold Nanoparticles in Optical Thin Films. <i>Advanced Functional Materials</i> , 2013, 23, 1655-1663.	14.9	33
5	Bending Induced Self-Organized Switchable Gratings on Polymeric Substrates. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11924-11931.	8.0	16
6	Flexible Distributed Bragg Reflectors from Nanocolumnar Templates. <i>Advanced Optical Materials</i> , 2015, 3, 171-175.	7.3	16
7	Anisotropic In-Plane Conductivity and Dichroic Gold Plasmon Resonance in Plasma-Assisted ITO Thin Films e-Beam-Evaporated at Oblique Angles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10993-11001.	8.0	15
8	Ultraviolet Pretreatment of Titanium Dioxide and Tin-Doped Indium Oxide Surfaces as a Promoter of the Adsorption of Organic Molecules in Dry Deposition Processes: Light Patterning of Organic Nanowires. <i>Langmuir</i> , 2015, 31, 8294-8302.	3.5	5
9	A Full Vacuum Approach for the Fabrication of Hybrid White-Light-Emitting Thin Films and Wide-Range In Situ Tunable Luminescent Microcavities. <i>Advanced Optical Materials</i> , 2016, 4, 1124-1131.	7.3	3
10	Silver and gold nanoparticles in nanometric confined templates: synthesis and alloying within the anisotropic pores of oblique angle deposited films. <i>Nanotechnology</i> , 2017, 28, 485602.	2.6	3
11	Mechanically Switchable Wetting Petal Effect in Self-Patterned Nanocolumnar Films on Poly(dimethylsiloxane). <i>Nanomaterials</i> , 2021, 11, 2566.	4.1	2