Antonio JesÃºs Santos Izquierdo-Bueno

List of Publications by Year
in descending order

15 papers	99 citations	1478280 6 h-index	1474057 9 g-index
16 all docs	16 docs citations	16 times ranked	107 citing authors

#	Article	IF	Citations
1	Nanostructure and Physical Properties Control of Indium Tin Oxide Films Prepared at Room Temperature through Ion Beam Sputtering Deposition at Oblique Angles. Journal of Physical Chemistry C, 2019, 123, 14036-14046.	1.5	12
2	Growth of nanocolumnar thin films on patterned substrates at oblique angles. Plasma Processes and Polymers, 2019, 16, 1800135.	1.6	11
3	A Novel Route for the Easy Production of Thermochromic VO₂ Nanoparticles. Chemistry - A European Journal, 2021, 27, 16662-16669.	1.7	11
4	Towards perfect MWIR transparency using oblique angle deposition. Applied Surface Science, 2019, 470, 943-950.	3.1	9
5	Surface oxidation of amorphous Si and Ge slanted columnar and mesoporous thin films: Evidence, scrutiny and limitations for infrared optics. Applied Surface Science, 2019, 493, 807-817.	3.1	8
6	Porosity Control for Plasma-Assisted Molecular Beam Epitaxy of GaN Nanowires. Crystal Growth and Design, 2019, 19, 2461-2469.	1.4	7
7	Optical and nanostructural insights of oblique angle deposited layers applied for photonic coatings. Applied Surface Science, 2020, 520, 146312.	3.1	7
8	Engineering of III-Nitride Semiconductors on Low Temperature Co-fired Ceramics. Scientific Reports, 2018, 8, 6879.	1.6	6
9	Anisotropic optical properties of indium tin oxide thin films prepared by ion beam sputtering under oblique angle deposition. Applied Surface Science, 2022, 595, 152945.	3.1	6
10	Simultaneous Optical and Electrical Characterization of GaN Nanowire Arrays by Means of Vis-IR Spectroscopic Ellipsometry. Journal of Physical Chemistry C, 2020, 124, 1535-1543.	1.5	5
11	On the importance of light scattering for high performances nanostructured antireflective surfaces. Acta Materialia, 2020, 188, 386-393.	3.8	5
12	Atomically resolved tomographic reconstruction of nanoparticles from single projection: Influence of amorphous carbon support. Ultramicroscopy, 2021, 221, 113177.	0.8	4
13	Superficial Characteristics and Functionalization Effectiveness of Non-Toxic Glutathione-Capped Magnetic, Fluorescent, Metallic and Hybrid Nanoparticles for Biomedical Applications. Metals, 2021, 11, 383.	1.0	4
14	(S)TEM structural and compositional nanoanalyses of chemically synthesized glutathione-shelled nanoparticles. Applied Nanoscience (Switzerland), 2020, 10, 2295-2301.	1.6	3
15	Unravelling the atomically resolved 3D shape of {111}, {010}, and {001} faceted small anatase nanoparticles. Materials Today Nano, 2022, 17, 100153.	2.3	1