

# Antonio Jes s Santos Izquierdo-Bueno

## List of Publications by Year in descending order

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15  
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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.	3.1	12
2	Growth of nanocolumnar thin films on patterned substrates at oblique angles. Plasma Processes and Polymers, 2019, 16, 1800135.	3.0	11
3	A Novel Route for the Easy Production of Thermochromic VO <sub>2</sub> Nanoparticles. Chemistry - A European Journal, 2021, 27, 16662-16669.	3.3	11
4	Towards perfect MWIR transparency using oblique angle deposition. Applied Surface Science, 2019, 470, 943-950.	6.1	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.	6.1	8
6	Porosity Control for Plasma-Assisted Molecular Beam Epitaxy of GaN Nanowires. Crystal Growth and Design, 2019, 19, 2461-2469.	3.0	7
7	Optical and nanostructural insights of oblique angle deposited layers applied for photonic coatings. Applied Surface Science, 2020, 520, 146312.	6.1	7
8	Engineering of III-Nitride Semiconductors on Low Temperature Co-fired Ceramics. Scientific Reports, 2018, 8, 6879.	3.3	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.	6.1	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.	3.1	5
11	On the importance of light scattering for high performances nanostructured antireflective surfaces. Acta Materialia, 2020, 188, 386-393.	7.9	5
12	Atomically resolved tomographic reconstruction of nanoparticles from single projection: Influence of amorphous carbon support. Ultramicroscopy, 2021, 221, 113177.	1.9	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.	2.3	4
14	(S)TEM structural and compositional nanoanalyses of chemically synthesized glutathione-shelled nanoparticles. Applied Nanoscience (Switzerland), 2020, 10, 2295-2301.	3.1	3
15	Unravelling the atomically resolved 3D shape of {111}, {010}, and {001} faceted small anatase nanoparticles. Materials Today Nano, 2022, 17, 100153.	4.6	1