

# Antonio Jes s Santos Izquierdo-Bueno

## List of Publications by Year in descending order

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15  
papers

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citations

1478280

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1474057

9  
g-index

16  
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docs citations

16  
times ranked

107  
citing authors

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