

Tomás Calmeiro

List of Publications by Year in descending order

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papers

242
citations

1040056

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12
docs citations

12
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave Synthesized ZnO Nanorod Arrays for UV Sensors: A Seed Layer Annealing Temperature Study. <i>Materials</i> , 2016, 9, 299.	2.9	83
2	Visualization of nanocrystalline CuO in the grain boundaries of Cu ₂ O thin films and effect on band bending and film resistivity. <i>APL Materials</i> , 2018, 6, .	5.1	36
3	Oxide-Based Solar Cell: Impact of Layer Thicknesses on the Device Performance. <i>ACS Combinatorial Science</i> , 2017, 19, 113-120.	3.8	21
4	Reusable and highly sensitive SERS immunoassay utilizing gold nanostars and a cellulose hydrogel-based platform. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7516-7529.	5.8	18
5	Human Extracellular-Matrix Functionalization of 3D hiPSC-Based Cardiac Tissues Improves Cardiomyocyte Maturation. <i>ACS Applied Bio Materials</i> , 2021, 4, 1888-1899.	4.6	17
6	Interindividual heterogeneity affects the outcome of human cardiac tissue decellularization. <i>Scientific Reports</i> , 2021, 11, 20834.	3.3	16
7	High-performance wide bandgap perovskite solar cells fabricated in ambient high-humidity conditions. <i>Materials Advances</i> , 2021, 2, 6344-6355.	5.4	15
8	Toward a Microencapsulated 3D hiPSC-Derived in vitro Cardiac Microtissue for Recapitulation of Human Heart Microenvironment Features. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 580744.	4.1	11
9	Porous PDMS conformable coating for high power output carbon fibers/ZnO nanorod-based triboelectric energy harvesters. <i>Nano Energy</i> , 2021, 90, 106582.	16.0	11
10	Soft-Microstructured Transparent Electrodes for Photonic-Enhanced Flexible Solar Cells. <i>Micro</i> , 2021, 1, 215-227.	2.0	6
11	Supramolecular protein polymers using mini-ferritin Dps as the building block. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9300-9307.	2.8	5
12	Condensation and Protection of DNA by the <i>Myxococcus xanthus</i> Encapsulin: A Novel Function. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7829.	4.1	3