TomÃ¡s P Corrales

List of Publications by Year
in descending order

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22	372	1040056	888059
papers	citations	9	17
		h-index	g-index

22	22	22	687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flexible Minerals: Self-Assembled Calcite Spicules with Extreme Bending Strength. Science, 2013, 339, 1298-1302.	12.6	118
2	Microdroplet Contaminants: When and Why Superamphiphobic Surfaces Are Not Self-Cleaning. ACS Nano, 2020, 14, 3836-3846.	14.6	47
3	Facile and Largeâ€Scale Fabrication of Anisometric Particles from Fibers Synthesized by Colloidâ€Electrospinning. Small, 2012, 8, 144-153.	10.0	46
4	Spontaneous Formation of Nanopatterns in Velocity-Dependent Dip-Coated Organic Films: From Dragonflies to Stripes. ACS Nano, 2014, 8, 9954-9963.	14.6	30
5	Sustainable Lightweight Biochar-Based Composites with Electromagnetic Shielding Properties. ACS Omega, 2020, 5, 32490-32497.	3.5	21
6	Influence of TiO₂ nanostructures on anti-adhesion and photoinduced bactericidal properties of thin film composite membranes. RSC Advances, 2016, 6, 82941-82948.	3.6	20
7	Crystalline-to-plastic phase transitions in molecularly thin n-dotriacontane films adsorbed on solid surfaces. Journal of Chemical Physics, 2009, 131, 114705.	3.0	16
8	Siliceous spicules enhance fracture-resistance and stiffness of pre-colonial Amazonian ceramics. Scientific Reports, 2015, 5, 13303.	3.3	15
9	Structure and Growth of Vapor-Deposited n-Dotriacontane Films Studied by X-ray Reflectivity. Langmuir, 2009, 25, 12962-12967.	3.5	14
10	Dynamic Heterogeneity and Phase Separation Kinetics in Miscible Poly(vinyl acetate)/Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.8	9
11	Glass Transition in Crosslinked Nanocomposite Scaffolds of Gelatin/Chitosan/Hydroxyapatite. Polymers, 2019, 11, 642.	4.5	9
12	Interface analysis of Ag/nâ€type Si contacts in nâ€type PERT solar cells. Progress in Photovoltaics: Research and Applications, 2020, 28, 358-371.	8.1	9
13	Breaking Nano-Spaghetti: Bending and Fracture Tests of Nanofibers. Langmuir, 2016, 32, 1389-1395.	3.5	8
14	Hybrid chalcogenide nanoparticles: 2D-WS2 nanocrystals inside nested WS2 fullerenes. Dalton Transactions, 2013, 42, 14568.	3.3	5
15	Surface Morphology of Vapor-Deposited Chitosan: Evidence of Solid-State Dewetting during the Formation of Biopolymer Films. Biomacromolecules, 2016, 17, 1142-1149.	5.4	3
16	Characterization of Eocene flint. Chemical Geology, 2021, 582, 120427.	3.3	1
17	How water wets and self-hydrophilizes nanopatterns of physisorbed hydrocarbons. Journal of Colloid and Interface Science, 2022, 606, 57-66.	9.4	1
18	Transverse Magnetic Tweezers for Direct DNA Extension Measurements. Biophysical Journal, 2015, 108, 167a.	0.5	0

#	Article	IF	Citations
19	Study of Phospholipid Bilayers Supported on Chitosan-Titanium Nitride Coatings Produced by Plasma Immersion Ion Implantation (PIII). Biophysical Journal, 2018, 114, 105a.	0.5	0
20	AFM Study of Elastic Module of Physical-Vapor-Deposited Phospholipid Membranes. Biophysical Journal, 2018, 114, 105a.	0.5	0
21	Formation and Morphology of Single Phospholipid Bilayers Formed by Velocity-Controlled Dip-Coating. Biophysical Journal, 2018, 114, 105a.	0.5	0
22	Dry Two-Step Self-Assembly of Stable Supported Lipid Bilayers on Silicon Substrates. International Journal of Molecular Sciences, 2020, 21, 6819.	4.1	0