

# Tomás P Corrales

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	How water wets and self-hydrophilizes nanopatterns of physisorbed hydrocarbons. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 57-66.	9.4	1
2	Characterization of Eocene flint. <i>Chemical Geology</i> , 2021, 582, 120427.	3.3	1
3	Dry Two-Step Self-Assembly of Stable Supported Lipid Bilayers on Silicon Substrates. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6819.	4.1	0
4	Sustainable Lightweight Biochar-Based Composites with Electromagnetic Shielding Properties. <i>ACS Omega</i> , 2020, 5, 32490-32497.	3.5	21
5	Microdroplet Contaminants: When and Why Superamphiphobic Surfaces Are Not Self-Cleaning. <i>ACS Nano</i> , 2020, 14, 3836-3846.	14.6	47
6	Interface analysis of Ag/n <sup>+</sup> Si contacts in n <sup>+</sup> Si PERT solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2020, 28, 358-371.	8.1	9
7	Glass Transition in Crosslinked Nanocomposite Scaffolds of Gelatin/Chitosan/Hydroxyapatite. <i>Polymers</i> , 2019, 11, 642.	4.5	9
8	Study of Phospholipid Bilayers Supported on Chitosan-Titanium Nitride Coatings Produced by Plasma Immersion Ion Implantation (PIII). <i>Biophysical Journal</i> , 2018, 114, 105a.	0.5	0
9	AFM Study of Elastic Module of Physical-Vapor-Deposited Phospholipid Membranes. <i>Biophysical Journal</i> , 2018, 114, 105a.	0.5	0
10	Formation and Morphology of Single Phospholipid Bilayers Formed by Velocity-Controlled Dip-Coating. <i>Biophysical Journal</i> , 2018, 114, 105a.	0.5	0
11	Influence of TiO <sub>2</sub> nanostructures on anti-adhesion and photoinduced bactericidal properties of thin film composite membranes. <i>RSC Advances</i> , 2016, 6, 82941-82948.	3.6	20
12	Breaking Nano-Spaghetti: Bending and Fracture Tests of Nanofibers. <i>Langmuir</i> , 2016, 32, 1389-1395.	3.5	8
13	Surface Morphology of Vapor-Deposited Chitosan: Evidence of Solid-State Dewetting during the Formation of Biopolymer Films. <i>Biomacromolecules</i> , 2016, 17, 1142-1149.	5.4	3
14	Transverse Magnetic Tweezers for Direct DNA Extension Measurements. <i>Biophysical Journal</i> , 2015, 108, 167a.	0.5	0
15	Siliceous spicules enhance fracture-resistance and stiffness of pre-colonial Amazonian ceramics. <i>Scientific Reports</i> , 2015, 5, 13303.	3.3	15
16	Spontaneous Formation of Nanopatterns in Velocity-Dependent Dip-Coated Organic Films: From Dragonflies to Stripes. <i>ACS Nano</i> , 2014, 8, 9954-9963.	14.6	30
17	Hybrid chalcogenide nanoparticles: 2D-WS <sub>2</sub> nanocrystals inside nested WS <sub>2</sub> fullerenes. <i>Dalton Transactions</i> , 2013, 42, 14568.	3.3	5
18	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

#	ARTICLE	IF	CITATIONS
19	Flexible Minerals: Self-Assembled Calcite Spicules with Extreme Bending Strength. <i>Science</i> , 2013, 339, 1298-1302.	12.6	118
20	Facile and Large-Scale Fabrication of Anisometric Particles from Fibers Synthesized by Colloid-Electrospinning. <i>Small</i> , 2012, 8, 144-153.	10.0	46
21	Crystalline-to-plastic phase transitions in molecularly thin n-dotriacontane films adsorbed on solid surfaces. <i>Journal of Chemical Physics</i> , 2009, 131, 114705.	3.0	16
22	Structure and Growth of Vapor-Deposited <i>n</i> -Dotriacontane Films Studied by X-ray Reflectivity. <i>Langmuir</i> , 2009, 25, 12962-12967.	3.5	14