

Noemi Encinas

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,703
citations

361296

20
h-index

501076

28
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28
all docs

28
docs citations

28
times ranked

2453
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of drops on slippery lubricant-infused surfaces. <i>Soft Matter</i> , 2015, 11, 7617-7626.	1.2	323
2	How Water Advances on Superhydrophobic Surfaces. <i>Physical Review Letters</i> , 2016, 116, 096101.	2.9	216
3	Stable Hydrophobic Metal-Oxide Photocatalysts via Grafting Polydimethylsiloxane Brush. <i>Advanced Materials</i> , 2017, 29, 1604637.	11.1	164
4	Surface modification of aircraft used composites for adhesive bonding. <i>International Journal of Adhesion and Adhesives</i> , 2014, 50, 157-163.	1.4	100
5	Extreme durability of wettability changes on polyolefin surfaces by atmospheric pressure plasma torch. <i>Surface and Coatings Technology</i> , 2010, 205, 396-402.	2.2	94
6	Interaction between Air Bubbles and Superhydrophobic Surfaces in Aqueous Solutions. <i>Langmuir</i> , 2015, 31, 7317-7327.	1.6	80
7	Control of Wettability of Polymers by Surface Roughness Modification. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 1869-1883.	1.4	77
8	Submicrometer-Sized Roughness Suppresses Bacteria Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21192-21200.	4.0	77
9	Development of improved polypropylene adhesive bonding by abrasion and atmospheric plasma surface modifications. <i>International Journal of Adhesion and Adhesives</i> , 2012, 33, 1-6.	1.4	74
10	How to Coat the Inside of Narrow and Long Tubes with a Super-Liquid-Repellent Layer? A Promising Candidate for Antibacterial Catheters. <i>Advanced Materials</i> , 2019, 31, e1801324.	11.1	65
11	Mixed-charge pseudo-zwitterionic mesoporous silica nanoparticles with low-fouling and reduced cell uptake properties. <i>Acta Biomaterialia</i> , 2019, 84, 317-327.	4.1	63
12	Engineering Proteins at Interfaces: From Complementary Characterization to Material Surfaces with Designed Functions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12626-12648.	7.2	40
13	Assessment of atmospheric plasma treatment cleaning effect on steel surfaces. <i>Surface and Coatings Technology</i> , 2013, 236, 450-456.	2.2	35
14	Effect of tetraethoxysilane coating on the improvement of plasma treated polypropylene adhesion. <i>Applied Surface Science</i> , 2013, 280, 850-857.	3.1	32
15	Modification of glass surfaces adhesion properties by atmospheric pressure plasma torch. <i>International Journal of Adhesion and Adhesives</i> , 2013, 44, 1-8.	1.4	31
16	Atmospheric Pressure Plasma Hydrophilic Modification of a Silicone Surface. <i>Journal of Adhesion</i> , 2012, 88, 321-336.	1.8	27
17	Polymerization kinetics of boron carbide/epoxy composites. <i>Thermochimica Acta</i> , 2014, 575, 144-150.	1.2	27
18	Functional superhydrophobic surfaces made of Janus micropillars. <i>Soft Matter</i> , 2015, 11, 506-515.	1.2	26

#	ARTICLE	IF	CITATIONS
19	Hydrolysis study of bis-1,2-(triethoxysilyl)ethane silane by NMR. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 369, 53-56.	2.3	25
20	Cold plasma effect on short glass fibre reinforced composites adhesion properties. <i>International Journal of Adhesion and Adhesives</i> , 2014, 48, 85-91.	1.4	25
21	Generation of nitrile groups on graphites in a nitrogen RF-plasma discharge. <i>Carbon</i> , 2015, 84, 426-433.	5.4	23
22	Multiscale Effects of Interfacial Polymer Confinement in Silica Nanocomposites. <i>Macromolecules</i> , 2015, 48, 7929-7937.	2.2	20
23	Candle soot-based super-amphiphobic coatings resist protein adsorption. <i>Biointerphases</i> , 2016, 11, 031007.	0.6	20
24	Approaches to Poly(Tetrafluoroethylene) Adhesive Bonding. <i>Journal of Adhesion</i> , 2011, 87, 709-719.	1.8	10
25	Controlling hydrophobicity of silica nanocapsules prepared from organosilanes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 172-177.	2.3	10
26	Role of Surface Chemistry in the Superhydrophobicity of the Springtail <i>Orchesella cincta</i> (Insecta:Collembola). <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12294-12304.	4.0	10
27	Effect of EtOH/H ₂ O Ratio and pH on Bis-Sulfur Silane Solutions for Electrogalvanized Steel Joints Based on Anaerobic Adhesives. <i>Journal of Adhesion</i> , 2011, 87, 688-708.	1.8	6
28	Engineering von Proteinen an OberflÄchen: Von komplementÄrer Charakterisierung zu MaterialoberflÄchen mit maÃŸgeschneiderten Funktionen. <i>Angewandte Chemie</i> , 2018, 130, 12806-12830.	1.6	3