

# Noemi Encinas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5467827/publications.pdf>

Version: 2024-02-01

28  
papers

1,703  
citations

361296

20  
h-index

501076

28  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2453  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Submicrometer-Sized Roughness Suppresses Bacteria Adhesion. ACS Applied Materials & Interfaces, 2020, 12, 21192-21200.  | 4.0  | 77        |
| 2  | Role of Surface Chemistry in the Superhydrophobicity of the Springtail <i>Orchesella cincta</i> (Insecta:Collembola). ACS Applied Materials & Interfaces, 2020, 12, 12294-12304.        | 4.0  | 10        |
| 3  | How to Coat the Inside of Narrow and Long Tubes with a Super“Liquid“Repellent Layer“ A Promising Candidate for Antibacterial Catheters. Advanced Materials, 2019, 31, e1801324.         | 11.1 | 65        |
| 4  | Mixed-charge pseudo-zwitterionic mesoporous silica nanoparticles with low-fouling and reduced cell uptake properties. Acta Biomaterialia, 2019, 84, 317-327.                            | 4.1  | 63        |
| 5  | Engineering Proteins at Interfaces: From Complementary Characterization to Material Surfaces with Designed Functions. Angewandte Chemie - International Edition, 2018, 57, 12626-12648. | 7.2  | 40        |
| 6  | Engineering von Proteinen an OberflÄchen: Von komplementÄrer Charakterisierung zu MaterialoberflÄchen mit ma“Ygeschneiderten Funktionen. Angewandte Chemie, 2018, 130, 12806-12830.     | 1.6  | 3         |
| 7  | Stable Hydrophobic Metal“Oxide Photocatalysts via Grafting Polydimethylsiloxane Brush. Advanced Materials, 2017, 29, 1604637.   | 11.1 | 164       |
| 8  | Controlling hydrophobicity of silica nanocapsules prepared from organosilanes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 532, 172-177.                    | 2.3  | 10        |
| 9  | Candle soot-based super-amphiphobic coatings resist protein adsorption. Biointerphases, 2016, 11, 031007.   | 0.6  | 20        |
| 10 | How Water Advances on Superhydrophobic Surfaces. Physical Review Letters, 2016, 116, 096101.  | 2.9  | 216       |
| 11 | Generation of nitrile groups on graphites in a nitrogen RF-plasma discharge. Carbon, 2015, 84, 426-433.   | 5.4  | 23        |
| 12 | Interaction between Air Bubbles and Superhydrophobic Surfaces in Aqueous Solutions. Langmuir, 2015, 31, 7317-7327.  | 1.6  | 80        |
| 13 | Multiscale Effects of Interfacial Polymer Confinement in Silica Nanocomposites. Macromolecules, 2015, 48, 7929-7937.  | 2.2  | 20        |
| 14 | Direct observation of drops on slippery lubricant-infused surfaces. Soft Matter, 2015, 11, 7617-7626.   | 1.2  | 323       |
| 15 | Functional superhydrophobic surfaces made of Janus micropillars. Soft Matter, 2015, 11, 506-515.  | 1.2  | 26        |
| 16 | Surface modification of aircraft used composites for adhesive bonding. International Journal of Adhesion and Adhesives, 2014, 50, 157-163.  | 1.4  | 100       |
| 17 | Cold plasma effect on short glass fibre reinforced composites adhesion properties. International Journal of Adhesion and Adhesives, 2014, 48, 85-91.                                    | 1.4  | 25        |
| 18 | Polymerization kinetics of boron carbide/epoxy composites. Thermochemica Acta, 2014, 575, 144-150.  | 1.2  | 27        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Assessment of atmospheric plasma treatment cleaning effect on steel surfaces. <i>Surface and Coatings Technology</i> , 2013, 236, 450-456.   | 2.2 | 35        |
| 20 | 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        |
| 21 | Effect of tetraethoxysilane coating on the improvement of plasma treated polypropylene adhesion. <i>Applied Surface Science</i> , 2013, 280, 850-857.                                    | 3.1 | 32        |
| 22 | Atmospheric Pressure Plasma Hydrophilic Modification of a Silicone Surface. <i>Journal of Adhesion</i> , 2012, 88, 321-336.  | 1.8 | 27        |
| 23 | 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        |
| 24 | Effect of EtOH/H <sub>2</sub> O Ratio and pH on Bis-Sulfur Silane Solutions for Electroplated Steel Joints Based on Anaerobic Adhesives. <i>Journal of Adhesion</i> , 2011, 87, 688-708. | 1.8 | 6         |
| 25 | Approaches to Poly(Tetrafluoroethylene) Adhesive Bonding. <i>Journal of Adhesion</i> , 2011, 87, 709-719.  | 1.8 | 10        |
| 26 | 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        |
| 27 | 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        |
| 28 | Control of Wettability of Polymers by Surface Roughness Modification. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 1869-1883.   | 1.4 | 77        |