

Edurne Gonzalez

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

525
citations

759055

12
h-index

713332

21
g-index

22
all docs

22
docs citations

22
times ranked

753
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Single-Chain Nanoparticles for Catalysis Applications. <i>Nanomaterials</i> , 2017, 7, 341.	1.9	101
2	Photoactive self-cleaning polymer coatings by TiO ₂ nanoparticle Pickering miniemulsion polymerization. <i>Chemical Engineering Journal</i> , 2015, 281, 209-217.	6.6	50
3	Surface Functional Poly(lactic Acid) Electrospun Nanofibers for Biosensor Applications. <i>Materials</i> , 2016, 9, 47.	1.3	49
4	Advances in Fluorescent Single-Chain Nanoparticles. <i>Molecules</i> , 2017, 22, 1819.	1.7	38
5	Synthesis, characterization and electrospinning of poly(vinyl caprolactam-co-hydroxymethyl) Tj ETQq1 1 0.784314 1.8 / Overlock 10 37	1.8	37
6	New evidence for hybrid acrylic/TiO ₂ films inducing bacterial inactivation under low intensity simulated sunlight. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 1-7.	2.5	34
7	Use of a Routhâ€“Russel Deformation Map To Achieve Film Formation of a Latex with a High Glass Transition Temperature. <i>Langmuir</i> , 2013, 29, 2044-2053.	1.6	26
8	Onco-Receptors Targeting in Lung Cancer via Application of Surface-Modified and Hybrid Nanoparticles: A Cross-Disciplinary Review. <i>Processes</i> , 2021, 9, 621.	1.3	26
9	Determination of the Coalescence Temperature of Latexes by Environmental Scanning Electron Microscopy. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4276-4282.	4.0	21
10	Effect of controlled length acrylic acid-based electrosteric stabilizers on latex film properties. <i>European Polymer Journal</i> , 2014, 59, 122-128.	2.6	19
11	Stable Photocatalytic Paints Prepared from Hybrid Core-Shell Fluorinated/Acrylic/TiO ₂ Waterborne Dispersions. <i>Crystals</i> , 2016, 6, 136.	1.0	19
12	Assessing the Effect of CeO ₂ Nanoparticles as Corrosion Inhibitor in Hybrid Biobased Waterborne Acrylic Direct to Metal Coating Binders. <i>Polymers</i> , 2021, 13, 848.	2.0	16
13	Fabrication of thermo-responsive cotton fabrics using poly(vinyl caprolactam-co-hydroxyethyl) Tj ETQq1 1 0.784314 5.1 / Overlock 14	5.1	14
14	Photocatalytic and magnetic titanium dioxide/polystyrene/magnetite composite hybrid polymer particles. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3350-3356.	2.5	12
15	Effect of alkali-soluble resin emulsifiers on coalescence and interdiffusion between latex polymer particles. <i>Colloid and Polymer Science</i> , 2015, 293, 2419-2427.	1.0	11
16	Increasing Stability of Biotin Functionalized Electrospun Fibers for Biosensor Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1968-1974.	4.0	11
17	Green Electrospinning of Polymer Latexes: A Systematic Study of the Effect of Latex Properties on Fiber Morphology. <i>Nanomaterials</i> , 2021, 11, 706.	1.9	10
18	Renewable feedstocks in emulsion polymerization: Coating and adhesive applications. <i>Advances in Chemical Engineering</i> , 2020, 56, 139-186.	0.5	9

#	ARTICLE	IF	CITATIONS
19	Isolation of the effect of the hairy layer length on the mechanical properties of waterborne coatings. Progress in Organic Coatings, 2015, 88, 137-143.	1.9	7
20	Modelling the dynamic development of the curing process and film morphology of films cast from waterborne acrylic-alkyd hybrids. Chemical Engineering Journal, 2020, 400, 125891.	6.6	7
21	Water dynamics and self-assembly of single-chain nanoparticles in concentrated solutions. Soft Matter, 2020, 16, 9738-9745.	1.2	4