

Guillermo Reyes

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

310
citations

933447

10
h-index

1125743

13
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15
all docs

15
docs citations

15
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and Characterization of Cellulose Nanocrystals from Rejected Fibers Originated in the Kraft Pulp Process. <i>Polymers</i> , 2018, 10, 1145.	4.5	95
2	Assembling Native Elementary Cellulose Nanofibrils via a Reversible and Regioselective Surface Functionalization. <i>Journal of the American Chemical Society</i> , 2021, 143, 17040-17046.	13.7	41
3	Solvent Welding and Imprinting Cellulose Nanofiber Films Using Ionic Liquids. <i>Biomacromolecules</i> , 2019, 20, 502-514.	5.4	31
4	Coaxial Spinning of All-Cellulose Systems for Enhanced Toughness: Filaments of Oxidized Nanofibrils Sheathed in Cellulose II Regenerated from a Protic Ionic Liquid. <i>Biomacromolecules</i> , 2020, 21, 878-891.	5.4	25
5	Dissolution and Hydrolysis of Bleached Kraft Pulp Using Ionic Liquids. <i>Polymers</i> , 2019, 11, 673.	4.5	21
6	Cellulose nanocrystals from blueberry pruning residues isolated by ionic liquids and TEMPO-oxidation combined with mechanical disintegration. <i>Journal of Dispersion Science and Technology</i> , 2020, 41, 1731-1741.	2.4	21
7	Direct Ink Writing of Biocompatible Nanocellulose and Chitosan Hydrogels for Implant Mesh Matrices. <i>ACS Polymers Au</i> , 2022, 2, 97-107.	4.1	16
8	Nanocomposite additive of SiO ₂ /TiO ₂ /nanocellulose on waterborne coating formulations for mechanical and aesthetic properties stability on wood. <i>Materials Today Communications</i> , 2021, 29, 102990.	1.9	15
9	Hollow Filaments Synthesized by Dry-Jet Wet Spinning of Cellulose Nanofibrils: Structural Properties and Thermoregulation with Phase-Change Infills. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2908-2916.	4.4	15
10	Surface Tension of 1-Ethyl-3-methylimidazolium Ethyl Sulfate or 1-Butyl-3-methylimidazolium Hexafluorophosphate with Argon and Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 1203-1211.	1.9	12
11	Relationship between Structural Characteristics of Cellulose Nanocrystals Obtained from Kraft Pulp. <i>Nanomaterials</i> , 2020, 10, 1775.	4.1	8
12	Chusquea quila, a Natural Resource from Chile: Its Chemical, Physical, and Nanomechanical Properties. <i>BioResources</i> , 2016, 11, .	1.0	6
13	Coarse-grained molecular dynamic simulations of selected thermophysical properties for 1-Butyl-3-methylimidazolium hexafluorophosphate. <i>Journal of Molecular Liquids</i> , 2013, 186, 106-115.	4.9	4
14	Aprendizaje basado en equipos en un curso de Ingeniería en Educación Superior. <i>Revista Educación</i> , 0, , .	0.2	0