

# Germán Quintana

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

403  
citations

933447

10  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Binderless fiberboard from steam exploded banana bunch. <i>Industrial Crops and Products</i> , 2009, 29, 60-66.	5.2	105
2	Preliminary studies on fungal treatment of sugarcane straw for organosolv pulping. <i>Enzyme and Microbial Technology</i> , 2008, 43, 220-225.	3.2	62
3	Physicochemical characterisation of sugar cane bagasse lignin oxidized by hydrogen peroxide. <i>Polymer Degradation and Stability</i> , 2010, 95, 470-476.	5.8	58
4	Activated Carbon Bio-xerogels as Electrodes for Super Capacitors Applications. <i>Procedia Engineering</i> , 2016, 148, 18-24.	1.2	28
5	Mechanical refining combined with chemical treatment for the processing of Bamboo fibres to produce efficient cement composites. <i>Construction and Building Materials</i> , 2021, 269, 121232.	7.2	18
6	Polyelectrolyte Complexation versus Ionotropic Gelation for Chitosan-Based Hydrogels with Carboxymethylcellulose, Carboxymethyl Starch, and Alginate. <i>International Journal of Chemical Engineering</i> , 2018, 2018, 1-12.	2.4	16
7	Preparation of hyperbranched polymers from oxidized lignin modified with triazine for removal of heavy metals. <i>Polymer Degradation and Stability</i> , 2020, 179, 109271.	5.8	16
8	Sugarcane Bagasse Reinforced Composites: Studies on the Young's Modulus and Macro and Micro-Mechanics. <i>BioResources</i> , 2017, 12, .	1.0	15
9	Starch-Based Biopolymer Reinforced with High Yield Fibers from Sugarcane Bagasse as a Technical and Environmentally Friendly Alternative to High Density Polyethylene. <i>BioResources</i> , 2016, 11, .	1.0	13
10	Development of Binderless Fiberboards from Steam-exploded and Oxidized Oil Palm Wastes. <i>BioResources</i> , 2014, 9, .	1.0	12
11	Tensile Strength Assessment of Injection-Molded High Yield Sugarcane Bagasse-Reinforced Polypropylene. <i>BioResources</i> , 2016, 11, .	1.0	10
12	Mixture Design Approach on the Physical Properties of Lignin-Resorcinol-Formaldehyde Xerogels. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-11.	2.7	9
13	Effect of Experimental Parameters on the Formation of Hydrogels by Polyelectrolyte Complexation of Carboxymethylcellulose, Carboxymethyl Starch, and Alginate with Chitosan. <i>International Journal of Chemical Engineering</i> , 2019, 2019, 1-13.	2.4	9
14	Preparation and characterization of magnetic cellulose fibers modified with cobalt ferrite nanoparticles. <i>Materials Chemistry and Physics</i> , 2021, 259, 122778.	4.0	8
15	Kraft lignin as a raw material of activated carbon for supercapacitor electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 7031-7047.	2.2	7
16	Magnetic paper from sugarcane bagasse fibers modified with cobalt ferrite nanoparticles. <i>Cellulose</i> , 2020, 27, 3903-3918.	4.9	6
17	Uncommon Crop Residues as Ni(II) and Cd(II) Biosorbents. <i>Industrial &amp; Engineering Chemistry Research</i> , 0, , 120913092325000.	3.7	4
18	Thermal Study of Gels Obtained From Resol Type Phenolic Resins Modified With Lignin. <i>Macromolecular Symposia</i> , 2016, 370, 7-16.	0.7	2

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19	Evaluación de la capacidad de almacenamiento de energía en xerogels de carbono activados obtenidos a partir lignina. <i>Revista Ion</i> , 2018, 30, 17-30.	0.2	2
20	Synthesis of bio-based xerogels from lignin precipitated from the black liquor of the paper industry for supercapacitors electrodes. <i>Biomass and Bioenergy</i> , 2021, 155, 106296.	5.7	2
21	Prediction of the viscosity of diluent crude oil blends: a generalized mixture model based on SARA and PIANO fractions. <i>Petroleum Science and Technology</i> , 2022, 40, 337-350.	1.5	1
22	Viscoelastic Properties of Pulp Suspensions of Bleached Sugarcane Bagasse: Effects of Consistency and Temperature. <i>BioResources</i> , 2016, 11, .	1.0	0
23	Removal of 2,4-dichlorophenol in a micro-packed bed adsorber by activated carbon from <i>Coffea arabica</i> fruit endocarp. <i>International Journal of Environmental Technology and Management</i> , 2019, 22, 138.	0.2	0
24	Rheological behavior of magnetic pulp fiber suspensions. <i>Tappi Journal</i> , 2021, 20, 393-403.	0.5	0
25	Effect of the addition of lignin on the physical-mechanical properties of particleboards made with pine/hydrangea stems. <i>International Wood Products Journal</i> , 2022, 13, 15-20.	1.1	0