

# Fernando Julian

## List of Publications by Year in descending order

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35  
papers

598  
citations

623188

14  
h-index

610482

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Micromechanics of hemp strands in polypropylene composites. <i>Composites Science and Technology</i> , 2012, 72, 1209-1213.	3.8	75
2	Estimation of the interfacial shears strength, orientation factor and mean equivalent intrinsic tensile strength in old newspaper fiber/polypropylene composites. <i>Composites Part B: Engineering</i> , 2013, 50, 232-238.	5.9	66
3	Composites from poly(lactic acid) and bleached chemical fibres: Thermal properties. <i>Composites Part B: Engineering</i> , 2018, 134, 169-176.	5.9	57
4	Analysis of tensile and flexural modulus in hemp strands/polypropylene composites. <i>Composites Part B: Engineering</i> , 2013, 47, 339-343.	5.9	52
5	Research on the use of lignocellulosic fibers reinforced bio-polyamide 11 with composites for automotive parts: Car door handle case study. <i>Journal of Cleaner Production</i> , 2019, 226, 64-73.	4.6	52
6	Bio composite from bleached pine fibers reinforced polylactic acid as a replacement of glass fiber reinforced polypropylene, macro and micro-mechanics of the Young's modulus. <i>Composites Part B: Engineering</i> , 2017, 125, 203-210.	5.9	50
7	Flexural properties of fully biodegradable alpha-grass fibers reinforced starch-based thermoplastics. <i>Composites Part B: Engineering</i> , 2015, 81, 98-106.	5.9	41
8	Tensile Properties of Polypropylene Composites Reinforced with Mechanical, Thermomechanical, and Chemi-Thermomechanical Pulps from Orange Pruning. <i>BioResources</i> , 2015, 10, .	0.5	27
9	Explorative Study on the Use of Curauñi Reinforced Polypropylene Composites for the Automotive Industry. <i>Materials</i> , 2019, 12, 4185.	1.3	18
10	Extending the value chain of corn agriculture by evaluating technical feasibility and the quality of the interphase of chemo-thermomechanical fiber from corn stover reinforced polypropylene biocomposites. <i>Composites Part B: Engineering</i> , 2018, 137, 16-22.	5.9	17
11	Impact Properties and Water Uptake Behavior of Old Newspaper Recycled Fibers-Reinforced Polypropylene Composites. <i>Materials</i> , 2020, 13, 1079.	1.3	17
12	BIO-BASED COMPOSITES FROM STONE GROUNDWOOD APPLIED TO NEW PRODUCT DEVELOPMENT. <i>BioResources</i> , 2012, 7, .	0.5	17
13	Nanocomposites Materials of PLA Reinforced with Nanoclays Using a Masterbatch Technology: A Study of the Mechanical Performance and Its Sustainability. <i>Polymers</i> , 2021, 13, 2133.	2.0	16
14	Nanoclay Effect into the Biodegradation and Processability of Poly(lactic acid) Nanocomposites for Food Packaging. <i>Polymers</i> , 2021, 13, 2741.	2.0	16
15	Feasibility of Barley Straw Fibers as Reinforcement in Fully Biobased Polyethylene Composites: Macro and Micro Mechanics of the Flexural Strength. <i>Molecules</i> , 2020, 25, 2242.	1.7	15
16	High Stiffness Performance Alpha-Grass Pulp Fiber Reinforced Thermoplastic Starch-Based Fully Biodegradable Composites. <i>BioResources</i> , 2013, 9, .	0.5	13
17	Flexural Properties and Mean Intrinsic Flexural Strength of Old Newspaper Reinforced Polypropylene Composites. <i>Polymers</i> , 2019, 11, 1244.	2.0	12
18	RESEARCH ON THE SUITABILITY OF ORGANOSOLV SEMI-CHEMICAL TRITICALE FIBERS AS REINFORCEMENT FOR RECYCLED HDPE COMPOSITES. <i>BioResources</i> , 2012, 7, .	0.5	8

#	ARTICLE	IF	CITATIONS
19	Design and Development of Fully Biodegradable Products from Starch Biopolymer and Corn Stalk Fibres. Journal of Biobased Materials and Bioenergy, 2012, 6, 410-417.	0.1	7
20	Biocomposites from Starch-based Biopolymer and Rape Fibers. Part II: Stiffening, Flexural and Impact Strength, and Product Development. Current Organic Chemistry, 2013, 17, 1641-1646.	0.9	5
21	Topography of the Interfacial Shear Strength and the Mean Intrinsic Tensile Strength of Hemp Fibers as a Reinforcement of Polypropylene. Materials, 2020, 13, 1012.	1.3	4
22	Tensi3n Creativa aplicada al An3lisis de Competencias a Alumnos de Ingenier3a. Formacion Universitaria, 2010, 3, .	0.2	3
23	Technical and Environmental Viability of a Road Bicycle Pedal Part Made of a Fully Bio-Based Composite Material. Materials, 2021, 14, 1399.	1.3	3
24	Elements that define the social responsibility of a product. DYNA (Colombia), 2014, 81, 175.	0.2	2
25	Experimental Behavior of Thin-Tile Masonry under Uniaxial Compression. Multi-Leaf Case Study. Materials, 2021, 14, 2785.	1.3	2
26	Biobased polyamide reinforced with natural fiber composites. , 2021, , 141-165.		2
27	GAMIFICATION AS A METHODOLOGY TO INCENTIVE STUDENTS. , 2018, , .		1
28	Stiffness of Rapeseed Sawdust Polypropylene Composite and Its Suitability as a Building Material. BioResources, 2018, 13, .	0.5	0
29	AGRI-FOOD TRANSBORDER COMPETENCES ON THE DEGREE PROGRAMS IN THE FRAMEWORK OF TRANSVERSALIS. , 2021, , .		0
30	INTRODUCING SUSTAINABILITY TO ENGINEERING STUDIES. EXPERIENCES BASED ON GREEN PACKAGING. , 2021, , .		0
31	SUSTAINABILITY EDUCATION VIA ENGAGING EXPERIENCES BASED ON THE DEVELOPMENT OF CELLULOSE NANOFIBERS. , 2021, , .		0
32	MEJORA DE LA ENSEÑANZA Y EL APRENDIZAJE A TRAVÉS DE LA EVALUACIÓN DE COMPETENCIAS POR MEDIO DE LA HERRAMIENTA CYCLOID. Formacion Universitaria, 2014, 7, 17-26.	0.2	0
33	CREATIVE TECHNIQUES APPLIED TO ENGINEERING SUBJECTS. , 2020, , .		0
34	CROSS-BORDER DOCTORAL TRAINING AND TRANSVERSAL COMPETENCES: AMONG ACADEMIA AND IN THE WORKPLACE. , 2021, , .		0
35	AN INTERNATIONAL COLLABORATION IN A DESIGN POSTGRADUATE. EDULEARN Proceedings, 2022, , .	0.0	0