

Jos Herminsul Mina Hernandez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27 papers	335 citations	10 h-index	17 g-index
34 ext. papers	490 ext. citations	4.5 avg, IF	3.99 L-index

#	Paper	IF	Citations
27	Effect of Cellulose and Cellulose Nanocrystal Contents on the Biodegradation, under Composting Conditions, of Hierarchical PLA Biocomposites. <i>Polymers</i> , 2021 , 13,	4.5	1
26	Use of Organic Acids in Bamboo Fiber-Reinforced Polypropylene Composites: Mechanical Properties and Interfacial Morphology. <i>Polymers</i> , 2021 , 13,	4.5	2
25	Optimization of Mechanical and Setting Properties in Acrylic Bone Cements Added with Graphene Oxide. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5185	2.6	0
24	Potential Uses of Musaceae Wastes: Case of Application in the Development of Bio-Based Composites. <i>Polymers</i> , 2021 , 13,	4.5	1
23	The Role of Chitosan and Graphene Oxide in Bioactive and Antibacterial Properties of Acrylic Bone Cements. <i>Biomolecules</i> , 2020 , 10,	5.9	6
22	Synthesis of Chitosan Beads Incorporating Graphene Oxide/Titanium Dioxide Nanoparticles for In Vivo Studies. <i>Molecules</i> , 2020 , 25,	4.8	7
21	Nanocomposite Films of Chitosan-Grafted Carbon Nano-Onions for Biomedical Applications. <i>Molecules</i> , 2020 , 25,	4.8	7
20	Effect of the Incorporation of Polycaprolactone (PCL) on the Retrogradation of Binary Blends with Cassava Thermoplastic Starch (TPS). <i>Polymers</i> , 2020 , 13,	4.5	7
19	Micro- and Macromechanical Properties of a Composite with a Ternary PLA-PCL-TPS Matrix Reinforced with Short Figue Fibers. <i>Polymers</i> , 2020 , 12,	4.5	3
18	Osseointegration of Antimicrobial Acrylic Bone Cements Modified with Graphene Oxide and Chitosan. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6528	2.6	4
17	Development of a Chitosan/PVA/TiO Nanocomposite for Application as a Solid Polymeric Electrolyte in Fuel Cells. <i>Polymers</i> , 2020 , 12,	4.5	6
16	Acrylic Bone Cement Incorporated with Low Chitosan Loadings. <i>Polymers</i> , 2020 , 12,	4.5	3
15	Acrylic Bone Cements Modified with Graphene Oxide: Mechanical, Physical, and Antibacterial Properties. <i>Polymers</i> , 2020 , 12,	4.5	6
14	Influence of the chitosan morphology on the properties of acrylic cements and their biocompatibility.. <i>RSC Advances</i> , 2020 , 10, 31156-31164	3.7	4
13	Synthesis, Characterization, and Histological Evaluation of Chitosan-Ruta Graveolens Essential Oil Films. <i>Molecules</i> , 2020 , 25,	4.8	9
12	Colletotrichum Gloesporioides Inhibition In Situ by Chitosan- Essential Oil Coatings: Effect on Microbiological, Physicochemical, and Organoleptic Properties of Guava (L.) during Room Temperature Storage. <i>Biomolecules</i> , 2019 , 9,	5.9	16
11	Novel Bioactive and Antibacterial Acrylic Bone Cement Nanocomposites Modified with Graphene Oxide and Chitosan. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	30

10	Antimicrobial Films Based on Nanocomposites of Chitosan/Poly(vinyl alcohol)/Graphene Oxide for Biomedical Applications. <i>Biomolecules</i> , 2019 , 9,	5.9	43
9	Evaluation of the Biocompatibility of CS-Graphene Oxide Compounds. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
8	Biocompatible and Antimicrobial Electrospun Membranes Based on Nanocomposites of Chitosan/Poly (Vinyl Alcohol)/Graphene Oxide. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
7	Preparation of Chitosan/Poly(Vinyl Alcohol) Nanocomposite Films Incorporated with Oxidized Carbon Nano-Onions (Multi-Layer Fullerenes) for Tissue-Engineering Applications. <i>Biomolecules</i> , 2019 , 9,	5.9	17
6	Desarrollo de compuestos XLPE con retardantes de llama de baja toxicidad para aislamiento de cables. <i>Tecnológicas</i> , 2019 , 22, 73-90	0.6	
5	Effect of Content and Surface Modification of Figue Fibers on the Properties of a Low-Density Polyethylene (LDPE)-Al/Figue Composite. <i>Polymers</i> , 2018 , 10,	4.5	12
4	Synthesis and Application of Scaffolds of Chitosan-Graphene Oxide by the Freeze-Drying Method for Tissue Regeneration. <i>Molecules</i> , 2018 , 23,	4.8	67
3	Influence of Incorporation of Natural Fibers on the Physical, Mechanical, and Thermal Properties of Composites LDPE-Al Reinforced with Figue Fibers. <i>International Journal of Polymer Science</i> , 2015 , 2015, 1-8	2.4	20
2	The effect of interfacial adhesion on the creep behaviour of LDPE/Al/Figue composite materials. <i>Composites Part B: Engineering</i> , 2013 , 55, 345-351	10	30
1	Influence of Aging Time on the Structural Changes of Cassava Thermoplastic Starch. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1372, 21		3