Jos Herminsul Mina Hernandez

List of Publications by Citations

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	Synthesis and Application of Scaffolds of Chitosan-Graphene Oxide by the Freeze-Drying Method for Tissue Regeneration. *Molecules*, **2018**, 23,	4.8	67
26	Antimicrobial Films Based on Nanocomposites of Chitosan/Poly(vinyl alcohol)/Graphene Oxide for Biomedical Applications. *Biomolecules*, **2019**, 9,	5.9	43
25	Novel Bioactive and Antibacterial Acrylic Bone Cement Nanocomposites Modified with Graphene Oxide and Chitosan. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	30
24	The effect of interfacial adhesion on the creep behaviour of LDPE/Al/Fique composite materials. *Composites Part B: Engineering*, **2013**, 55, 345-351	10	30
23	Influence of Incorporation of Natural Fibers on the Physical, Mechanical, and Thermal Properties of Composites LDPE-Al Reinforced with Fique Fibers. *International Journal of Polymer Science*, **2015**, 2015, 1-8	2.4	20
22	Preparation of Chitosan/Poly(Vinyl Alcohol) Nanocomposite Films Incorporated with Oxidized Carbon Nano-Onions (Multi-Layer Fullerenes) for Tissue-Engineering Applications. *Biomolecules*, **2019**, 9,	5.9	17
21	Colletotrichum Gloesporioides Inhibition In Situ by Chitosan- Essential Oil Coatings: Effect on Microbiological, Physicochemical, and Organoleptic Properties of Guava (L.) during Room Temperature Storage. *Biomolecules*, **2019**, 9,	5.9	16
20	Evaluation of the Biocompatibility of CS-Graphene Oxide Compounds. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	12
19	Effect of Content and Surface Modification of Fique Fibers on the Properties of a Low-Density Polyethylene (LDPE)-Al/Fique Composite. *Polymers*, **2018**, 10,	4.5	12
18	Biocompatible and Antimicrobial Electrospun Membranes Based on Nanocomposites of Chitosan/Poly (Vinyl Alcohol)/Graphene Oxide. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	11
17	Synthesis, Characterization, and Histological Evaluation of Chitosan-Ruta Graveolens Essential Oil Films. *Molecules*, **2020**, 25,	4.8	9
16	Synthesis of Chitosan Beads Incorporating Graphene Oxide/Titanium Dioxide Nanoparticles for In Vivo Studies. *Molecules*, **2020**, 25,	4.8	7
15	Nanocomposite Films of Chitosan-Grafted Carbon Nano-Onions for Biomedical Applications. *Molecules*, **2020**, 25,	4.8	7
14	Effect of the Incorporation of Polycaprolactone (PCL) on the Retrogradation of Binary Blends with Cassava Thermoplastic Starch (TPS). *Polymers*, **2020**, 13,	4.5	7
13	The Role of Chitosan and Graphene Oxide in Bioactive and Antibacterial Properties of Acrylic Bone Cements. *Biomolecules*, **2020**, 10,	5.9	6
12	Development of a Chitosan/PVA/TiO Nanocomposite for Application as a Solid Polymeric Electrolyte in Fuel Cells. *Polymers*, **2020**, 12,	4.5	6
11	Acrylic Bone Cements Modified with Graphene Oxide: Mechanical, Physical, and Antibacterial Properties. *Polymers*, **2020**, 12,	4.5	6

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10	Osseointegration of Antimicrobial Acrylic Bone Cements Modified with Graphene Oxide and Chitosan. *Applied Sciences (Switzerland)*, **2020**, 10, 6528	2.6	4
9	Influence of the chitosan morphology on the properties of acrylic cements and their biocompatibility.. *RSC Advances*, **2020**, 10, 31156-31164	3.7	4
8	Influence of Aging Time on the Structural Changes of Cassava Thermoplastic Starch. *Materials Research Society Symposia Proceedings*, **2012**, 1372, 21		3
7	Micro- and Macromechanical Properties of a Composite with a Ternary PLA-PCL-TPS Matrix Reinforced with Short Fique Fibers. *Polymers*, **2020**, 12,	4.5	3
6	Acrylic Bone Cement Incorporated with Low Chitosan Loadings. *Polymers*, **2020**, 12,	4.5	3
5	Use of Organic Acids in Bamboo Fiber-Reinforced Polypropylene Composites: Mechanical Properties and Interfacial Morphology. *Polymers*, **2021**, 13,	4.5	2
4	Effect of Cellulose and Cellulose Nanocrystal Contents on the Biodegradation, under Composting Conditions, of Hierarchical PLA Biocomposites. *Polymers*, **2021**, 13,	4.5	1
3	Potential Uses of Musaceae Wastes: Case of Application in the Development of Bio-Based Composites. *Polymers*, **2021**, 13,	4.5	1
2	Optimization of Mechanical and Setting Properties in Acrylic Bone Cements Added with Graphene Oxide. *Applied Sciences (Switzerland)*, **2021**, 11, 5185	2.6	0
1	Desarrollo de compuestos XLPE con retardantes de llama de baja toxicidad para aislamiento de cables. *Tecno L□gicas*, **2019**, 22, 73-90	0.6	