

# JosÃ© Herminsul Mina Hernandez

## List of Publications by Year in descending order

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34  
papers

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567247

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization, and Optimization Studies of Starch/Chicken Gelatin Composites for Food-Packaging Applications. <i>Molecules</i> , 2022, 27, 2264.	3.8	17
2	Biocompatibility Assessment of Polylactic Acid (PLA) and Nanobioglass (n-BG) Nanocomposites for Biomedical Applications. <i>Molecules</i> , 2022, 27, 3640.	3.8	4
3	Effect of Cellulose and Cellulose Nanocrystal Contents on the Biodegradation, under Composting Conditions, of Hierarchical PLA Biocomposites. <i>Polymers</i> , 2021, 13, 1855.	4.5	10
4	Use of Organic Acids in Bamboo Fiber-Reinforced Polypropylene Composites: Mechanical Properties and Interfacial Morphology. <i>Polymers</i> , 2021, 13, 2007.	4.5	8
5	Optimization of Mechanical and Setting Properties in Acrylic Bone Cements Added with Graphene Oxide. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5185.	2.5	4
6	Potential Uses of Musaceae Wastes: Case of Application in the Development of Bio-Based Composites. <i>Polymers</i> , 2021, 13, 1844.	4.5	7
7	Biocompatibility Study of Electrospun Nanocomposite Membranes Based on Chitosan/Polyvinyl Alcohol/Oxidized Carbon Nano-Onions. <i>Molecules</i> , 2021, 26, 4753.	3.8	11
8	Effect of the Incorporation of Polycaprolactone (PCL) on the Retrogradation of Binary Blends with Cassava Thermoplastic Starch (TPS). <i>Polymers</i> , 2021, 13, 38.	4.5	26
9	Chitosan/Polyvinyl Alcohol/Tea Tree Essential Oil Composite Films for Biomedical Applications. <i>Polymers</i> , 2021, 13, 3753.	4.5	18
10	Micro- and Macromechanical Properties of a Composite with a Ternary PLAâ€“PCLâ€“TPS Matrix Reinforced with Short Figue Fibers. <i>Polymers</i> , 2020, 12, 58.	4.5	10
11	Osseointegration of Antimicrobial Acrylic Bone Cements Modified with Graphene Oxide and Chitosan. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6528.	2.5	8
12	Optimization by Central Composite Experimental Design of the Synthesis of Physically Crosslinked Chitosan Spheres. <i>Biomimetics</i> , 2020, 5, 63.	3.3	0
13	Effect of Figue Fibers in the Behavior of a New Biobased Composite from Renewable Mopa-Mopa Resin. <i>Polymers</i> , 2020, 12, 1573.	4.5	6
14	Development of a Chitosan/PVA/TiO <sub>2</sub> Nanocomposite for Application as a Solid Polymeric Electrolyte in Fuel Cells. <i>Polymers</i> , 2020, 12, 1691.	4.5	16
15	Acrylic Bone Cement Incorporated with Low Chitosan Loadings. <i>Polymers</i> , 2020, 12, 1617.	4.5	9
16	Acrylic Bone Cements Modified with Graphene Oxide: Mechanical, Physical, and Antibacterial Properties. <i>Polymers</i> , 2020, 12, 1773.	4.5	14
17	Influence of the chitosan morphology on the properties of acrylic cements and their biocompatibility. <i>RSC Advances</i> , 2020, 10, 31156-31164.	3.6	6
18	The Role of Chitosan and Graphene Oxide in Bioactive and Antibacterial Properties of Acrylic Bone Cements. <i>Biomolecules</i> , 2020, 10, 1616.	4.0	15

#	ARTICLE	IF	CITATIONS
19	Synthesis of Chitosan Beads Incorporating Graphene Oxide/Titanium Dioxide Nanoparticles for In Vivo Studies. <i>Molecules</i> , 2020, 25, 2308.	3.8	11
20	Nanocomposite Films of Chitosan-Grafted Carbon Nano-Onions for Biomedical Applications. <i>Molecules</i> , 2020, 25, 1203.	3.8	11
21	Synthesis, Characterization, and Histological Evaluation of Chitosan-Ruta Graveolens Essential Oil Films. <i>Molecules</i> , 2020, 25, 1688.	3.8	21
22	Biocompatible and Antimicrobial Electrospun Membranes Based on Nanocomposites of Chitosan/Poly (Vinyl Alcohol)/Graphene Oxide. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2987.	4.1	23
23	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, 684.	4.0	26
24	Colletotrichum Gloesporioides Inhibition In Situ by Chitosan-Ruta graveolens Essential Oil Coatings: Effect on Microbiological, Physicochemical, and Organoleptic Properties of Guava (Psidium guajava L.) during Room Temperature Storage. <i>Biomolecules</i> , 2019, 9, 399.	4.0	29
25	Novel Bioactive and Antibacterial Acrylic Bone Cement Nanocomposites Modified with Graphene Oxide and Chitosan. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2938.	4.1	42
26	Antimicrobial Films Based on Nanocomposites of Chitosan/Poly(vinyl alcohol)/Graphene Oxide for Biomedical Applications. <i>Biomolecules</i> , 2019, 9, 109.	4.0	84
27	Evaluation of the Biocompatibility of CS-Graphene Oxide Compounds In Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1572.	4.1	17
28	Desarrollo de compuestos XLPE con retardantes de llama de baja toxicidad para aislamiento de cables. <i>Tecnología</i> , 2019, 22, 73-90.	0.3	0
29	Effect of Content and Surface Modification of Fique Fibers on the Properties of a Low-Density Polyethylene (LDPE)-Al/Fique Composite. <i>Polymers</i> , 2018, 10, 1050.	4.5	21
30	Synthesis and Application of Scaffolds of Chitosan-Graphene Oxide by the Freeze-Drying Method for Tissue Regeneration. <i>Molecules</i> , 2018, 23, 2651.	3.8	105
31	Influence of Incorporation of Natural Fibers on the Physical, Mechanical, and Thermal Properties of Composites LDPE-Al Reinforced with Fique Fibers. <i>International Journal of Polymer Science</i> , 2015, 2015, 1-8.	2.7	25
32	The effect of interfacial adhesion on the creep behaviour of LDPE-Al-Fique composite materials. <i>Composites Part B: Engineering</i> , 2013, 55, 345-351.	12.0	41
33	Influence of Aging Time on the Structural Changes of Cassava Thermoplastic Starch. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1372, 21.	0.1	6
34	Influencia del tiempo de almacenamiento en las propiedades estructurales de un almidón termoplástico de yuca (TPS). <i>Ingeniería Y Competitividad</i> , 2011, 11, 53-61.	0.1	3