

# Carlos Humberto Valencia

## List of Publications by Citations

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17  
papers

244  
citations

8  
h-index

15  
g-index

25  
ext. papers

339  
ext. citations

3.7  
avg, IF

3.38  
L-index

#	Paper	IF	Citations
17	Synthesis and Application of Scaffolds of Chitosan-Graphene Oxide by the Freeze-Drying Method for Tissue Regeneration. <i>Molecules</i> , <b>2018</b> , 23,	4.8	67
16	Antimicrobial Films Based on Nanocomposites of Chitosan/Poly(vinyl alcohol)/Graphene Oxide for Biomedical Applications. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	43
15	Novel Bioactive and Antibacterial Acrylic Bone Cement Nanocomposites Modified with Graphene Oxide and Chitosan. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	30
14	Preparation of Chitosan/Poly(Vinyl Alcohol) Nanocomposite Films Incorporated with Oxidized Carbon Nano-Onions (Multi-Layer Fullerenes) for Tissue-Engineering Applications. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	17
13	Effects of calcium phosphate/chitosan composite on bone healing in rats: calcium phosphate induces osteon formation. <i>Tissue Engineering - Part A</i> , <b>2014</b> , 20, 1948-60	3.9	17
12	Evaluation of the Biocompatibility of CS-Graphene Oxide Compounds. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	12
11	Biocompatible and Antimicrobial Electrospun Membranes Based on Nanocomposites of Chitosan/Poly (Vinyl Alcohol)/Graphene Oxide. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
10	Synthesis, Characterization, and Histological Evaluation of Chitosan-Ruta Graveolens Essential Oil Films. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9
9	Synthesis of Chitosan Beads Incorporating Graphene Oxide/Titanium Dioxide Nanoparticles for In Vivo Studies. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
8	Nanocomposite Films of Chitosan-Grafted Carbon Nano-Onions for Biomedical Applications. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
7	Osseointegration of Antimicrobial Acrylic Bone Cements Modified with Graphene Oxide and Chitosan. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 6528	2.6	4
6	Influence of the chitosan morphology on the properties of acrylic cements and their biocompatibility.. <i>RSC Advances</i> , <b>2020</b> , 10, 31156-31164	3.7	4
5	Synthesis and fabrication of films including graphene oxide functionalized with chitosan for regenerative medicine applications. <i>Helvion</i> , <b>2021</b> , 7, e07058	3.6	4
4	Nanocomposites of Chitosan/Graphene Oxide/Titanium Dioxide Nanoparticles/Blackberry Waste Extract as Potential Bone Substitutes. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
3	Hydrolytic degradation and in vivo resorption of poly-l-lactic acid-chitosan biomedical devices in the parietal bones of Wistar rats. <i>Journal of International Medical Research</i> , <b>2019</b> , 47, 1705-1716	1.4	1
2	Influence of Degrading Calcium Phosphate on the Remodelling and Mineralisation of Avascular Osseous Tissue in a Rat Calvaria Model. <i>American Journal of Biochemistry and Biotechnology</i> , <b>2015</b> , 11, 25-36	0.4	1
1	Dataset on study of chitosan-graphene oxide films for regenerative medicine. <i>Data in Brief</i> , <b>2021</b> , 39, 107472	1.2	1

