Carlos Humberto Valencia

List of Publications by Year
in descending order

25	440	932766 10	713013 21
papers	citations	h-index	g-index

25	25	25	560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Application of Scaffolds of Chitosan-Graphene Oxide by the Freeze-Drying Method for Tissue Regeneration. Molecules, 2018, 23, 2651.	1.7	105
2	Antimicrobial Films Based on Nanocomposites of Chitosan/Poly(vinyl alcohol)/Graphene Oxide for Biomedical Applications. Biomolecules, 2019, 9, 109.	1.8	84
3	Novel Bioactive and Antibacterial Acrylic Bone Cement Nanocomposites Modified with Graphene Oxide and Chitosan. International Journal of Molecular Sciences, 2019, 20, 2938.	1.8	42
4	Preparation of Chitosan/Poly(Vinyl Alcohol) Nanocomposite Films Incorporated with Oxidized Carbon Nano-Onions (Multi-Layer Fullerenes) for Tissue-Engineering Applications. Biomolecules, 2019, 9, 684.	1.8	26
5	Effects of Calcium Phosphate/Chitosan Composite on Bone Healing in Rats: Calcium Phosphate Induces Osteon Formation. Tissue Engineering - Part A, 2014, 20, 1948-1960.	1.6	23
6	Biocompatible and Antimicrobial Electrospun Membranes Based on Nanocomposites of Chitosan/Poly (Vinyl Alcohol)/Graphene Oxide. International Journal of Molecular Sciences, 2019, 20, 2987.	1.8	23
7	Synthesis, Characterization, and Histological Evaluation of Chitosan-Ruta Graveolens Essential Oil Films. Molecules, 2020, 25, 1688.	1.7	21
8	Chitosan/Polyvinyl Alcohol/Tea Tree Essential Oil Composite Films for Biomedical Applications. Polymers, 2021, 13, 3753.	2.0	18
9	Evaluation of the Biocompatibility of CS-Graphene Oxide Compounds In Vivo. International Journal of Molecular Sciences, 2019, 20, 1572.	1.8	17
10	Synthesis of Chitosan Beads Incorporating Graphene Oxide/Titanium Dioxide Nanoparticles for In Vivo Studies. Molecules, 2020, 25, 2308.	1.7	11
11	Nanocomposite Films of Chitosan-Grafted Carbon Nano-Onions for Biomedical Applications. Molecules, 2020, 25, 1203.	1.7	11
12	Biocompatibility Study of Electrospun Nanocomposite Membranes Based on Chitosan/Polyvinyl Alcohol/Oxidized Carbon Nano-Onions. Molecules, 2021, 26, 4753.	1.7	11
13	Synthesis and fabrication of films including graphene oxide functionalized with chitosan for regenerative medicine applications. Heliyon, 2021, 7, e07058.	1.4	10
14	Osseointegration of Antimicrobial Acrylic Bone Cements Modified with Graphene Oxide and Chitosan. Applied Sciences (Switzerland), 2020, 10, 6528.	1.3	8
15	Hydrolytic degradation and in vivo resorption of poly-<scp>l</scp>-lactic acid-chitosan biomedical devices in the parietal bones of Wistar rats. Journal of International Medical Research, 2019, 47, 1705-1716.	0.4	7
16	Nanocomposites of Chitosan/Graphene Oxide/Titanium Dioxide Nanoparticles/Blackberry Waste Extract as Potential Bone Substitutes. Polymers, 2021, 13, 3877.	2.0	7
17	Influence of the chitosan morphology on the properties of acrylic cements and their biocompatibility. RSC Advances, 2020, 10, 31156-31164.	1.7	6
18	Biocompatibility Assessment of Polylactic Acid (PLA) and Nanobioglass (n-BG) Nanocomposites for Biomedical Applications. Molecules, 2022, 27, 3640.	1.7	4

#	Article	IF	Citations
19	Biocompatibility Assessment of Two Commercial Bone Xenografts by In Vitro and In Vivo Methods. Polymers, 2022, 14, 2672.	2.0	3
20	Influence of Degrading Calcium Phosphate on the Remodelling and Mineralisation of Avascular Osseous Tissue in a Rat Calvaria Model. American Journal of Biochemistry and Biotechnology, 2015, 11, 25-36.	0.1	1
21	CaracterizaciÃ³n e implantaciÃ³n de un relleno Ã¡cido poliÃ¡ctico para la RegeneraciÃ³n Ã“sea. Informador TÃ©cnico, 0, 73, 6.	0.1	1
22	Dataset on in-vitro study of chitosan-graphene oxide films for regenerative medicine. Data in Brief, 2021, 39, 107472.	0.5	1
23	DescripciÃ³n MetalogrÃ¡fica de implantes de Titanio calcinados y su aplicaciÃ³n como descriptor forense. Informador TÃ©cnico, 2017, 81, 113.	0.1	0
24	ElaboraciÃ³n de un nuevo tipo de guÃas quirÃºrgicas para implantes dentales mediante impresiÃ³n 3D. Informador TÃ©cnico, 2018, 82, 78.	0.1	0
25	Osteonecrosis of the jaw associated to biphosphonates in Cali-Colombia. Revista EstomatologÃa, 2019, 27, 11-18.	0.2	0