Carlos David Grande Tovar

List of Publications by Year in Descending Order

58 papers	1,008 citations	17 h-index	30 g-index
66 ext. papers	1,348 ext. citations	4.5 avg, IF	5.03 L-index

#	Paper	IF	Citations
58	Nanocomposites of Chitosan/Graphene Oxide/Titanium Dioxide Nanoparticles/Blackberry Waste Extract as Potential Bone Substitutes. *Polymers*, **2021**, 13,	4.5	2
57	Chitosan Beads Incorporated with Graphene Oxide/Titanium Dioxide Nanoparticles for Removing an Anionic Dye. *Applied Sciences (Switzerland)*, **2021**, 11, 9439	2.6	1
56	Dataset on study of chitosan-graphene oxide films for regenerative medicine. *Data in Brief*, **2021**, 39, 107472	1.2	1
55	Synthesis and fabrication of films including graphene oxide functionalized with chitosan for regenerative medicine applications. *Heliyon*, **2021**, 7, e07058	3.6	4
54	Cacao Pod Husk Flour as an Ingredient for Reformulating Frankfurters: Effects on Quality Properties. *Foods*, **2021**, 10,	4.9	3
53	Optimization of Mechanical and Setting Properties in Acrylic Bone Cements Added with Graphene Oxide. *Applied Sciences (Switzerland)*, **2021**, 11, 5185	2.6	0
52	Effect of Pretreatment with Low-Frequency Ultrasound on Quality Parameters in Gulupa (Passiflora edulis Sims) Pulp. *Applied Sciences (Switzerland)*, **2021**, 11, 1734	2.6	0
51	Recovery of Banana Waste-Loss from Production and Processing: A Contribution to a Circular Economy. *Molecules*, **2021**, 26,	4.8	18
50	Optimization of Chitosan Glutaraldehyde-Crosslinked Beads for Reactive Blue 4 Anionic Dye Removal Using a Surface Response Methodology. *Life*, **2021**, 11,	3	16
49	The Potential of Selected Agri-Food Loss and Waste to Contribute to a Circular Economy: Applications in the Food, Cosmetic and Pharmaceutical Industries. *Molecules*, **2021**, 26,	4.8	47
48	Packham Triumph Pears (L.) Post-Harvest Treatment during Cold Storage Based on Chitosan and Rue Essential Oil. *Molecules*, **2021**, 26,	4.8	9
47	The Role of Chitosan and Graphene Oxide in Bioactive and Antibacterial Properties of Acrylic Bone Cements. *Biomolecules*, **2020**, 10,	5.9	6
46	Synthesis of Chitosan Beads Incorporating Graphene Oxide/Titanium Dioxide Nanoparticles for In Vivo Studies. *Molecules*, **2020**, 25,	4.8	7
45	Nanocomposite Films of Chitosan-Grafted Carbon Nano-Onions for Biomedical Applications. *Molecules*, **2020**, 25,	4.8	7
44	Synthesis and Application of a Cationic Polyamine as Yankee Dryer Coating Agent for the Tissue Paper-Making Process. *Polymers*, **2020**, 12,	4.5	2
43	Assessment of Chitosan-Rue (Ruta graveolens L.) Essential Oil-Based Coatings on Refrigerated Cape Gooseberry (Physalis peruviana L.) Quality. *Applied Sciences (Switzerland)*, **2020**, 10, 2684	2.6	11
42	Osseointegration of Antimicrobial Acrylic Bone Cements Modified with Graphene Oxide and Chitosan. *Applied Sciences (Switzerland)*, **2020**, 10, 6528	2.6	4

41	Acrylic Bone Cement Incorporated with Low Chitosan Loadings. *Polymers*, **2020**, 12,	4.5	3
40	Reduction of Postharvest Quality Loss and Microbiological Decay of Tomato "Chonto" (L.) Using Chitosan- Essential Oil-Based Edible Coatings under Low-Temperature Storage. *Polymers*, **2020**, 12,	4.5	19
39	Acrylic Bone Cements Modified with Graphene Oxide: Mechanical, Physical, and Antibacterial Properties. *Polymers*, **2020**, 12,	4.5	6
38	Influence of the chitosan morphology on the properties of acrylic cements and their biocompatibility.. *RSC Advances*, **2020**, 10, 31156-31164	3.7	4
37	Synthesis, Characterization, and Histological Evaluation of Chitosan-Ruta Graveolens Essential Oil Films. *Molecules*, **2020**, 25,	4.8	9
36	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
35	Chitosan Beads Incorporated with Essential Oil of : Stability Studies on Red Fillets. *Biomolecules*, **2019**, 9,	5.9	8
34	Novel Bioactive and Antibacterial Acrylic Bone Cement Nanocomposites Modified with Graphene Oxide and Chitosan. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	30
33	Antimicrobial Films Based on Nanocomposites of Chitosan/Poly(vinyl alcohol)/Graphene Oxide for Biomedical Applications. *Biomolecules*, **2019**, 9,	5.9	43
32	Photocatalytic activity of graphene oxide-TiO thin films sensitized by natural dyes extracted from. *Royal Society Open Science*, **2019**, 6, 181824	3.3	40
31	Evaluation of the Biocompatibility of CS-Graphene Oxide Compounds. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	12
30	Bio-Removal of Methylene Blue from Aqueous Solution by Galactomyces geotrichum KL20A. *Water (Switzerland)*, **2019**, 11, 282	3	33
29	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
28	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
27	Chitosan films incorporated with essential oil: mechanical properties and antimicrobial activity against degradative bacterial species isolated from tuna (sp.) and swordfish (). *Journal of Food Science and Technology*, **2018**, 55, 4256-4265	3.3	17
26	The Effect of Edible Chitosan Coatings Incorporated with Essential Oil on the Shelf-Life of Strawberry () during Cold Storage. *Biomolecules*, **2018**, 8,	5.9	51
25	Synthesis and Application of Scaffolds of Chitosan-Graphene Oxide by the Freeze-Drying Method for Tissue Regeneration. *Molecules*, **2018**, 23,	4.8	67
24	Equilibrium and Kinetic Study of Lead and Copper Ion Adsorption on Chitosan-Grafted-Polyacrylic Acid Synthesized by Surface Initiated Atomic Transfer Polymerization. *Molecules*, **2018**, 23,	4.8	8

23	Chitosan coatings enriched with essential oils: Effects on fungi involved in fruit decay and mechanisms of action. *Trends in Food Science and Technology*, **2018**, 78, 61-71	15.3	98
22	Biodegradation of graphene oxide-polymer nanocomposite films in wastewater. *Environmental Science: Nano*, **2017**, 4, 1808-1816	7.1	35
21	Chitosan Cross-Linked Graphene Oxide Nanocomposite Films with Antimicrobial Activity for Application in Food Industry. *Macromolecular Symposia*, **2017**, 374, 1600114	0.8	54
20	Sub-lethal concentrations of Colombian Austroeupatorium inulifolium (H.B.K.) essential oil and its effect on fungal growth and the production of enzymes. *Industrial Crops and Products*, **2016**, 87, 315-323	5.9	17
19	Exploring the Bacterial Microbiota of Colombian Fermented Maize Dough "Masa Agria" (Maiz A□jo). *Frontiers in Microbiology*, **2016**, 7, 1168	5.7	15
18	RELATIONSHIP BETWEEN REFRACTIVE INDEX AND THYMOL CONCENTRATION IN ESSENTIAL OILS OF Lippia origanoides Kunth. *Chilean Journal of Agricultural and Animal Sciences*, **2016**, 32, 127-133	0.9	13
17	Synthesis and characterization of (6-{[2-(pyridin-2-yl)hydrazinylidene]methyl}pyridin-2-yl)methanol: a supramolecular and topological study. *Acta Crystallographica Section C, Structural Chemistry*, **2015**, 71, 631-5	0.8	2
16	Traditional Fermented Foods and Beverages from a Microbiological and Nutritional Perspective: The Colombian Heritage. *Comprehensive Reviews in Food Science and Food Safety*, **2014**, 13, 1031-1048	16.4	67
15	[4-(All-yloxy)phen-yl](phen-yl)methanone. *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o814-5		
14	2,2Ŧ(1,4-Phenyl-ene)bis-(propane-2,2-di-yl) bis-(benzodi-thio-ate). *Acta Crystallographica Section E: Structure Reports Online*, **2014**, 70, o117		
13	2,2Ŧ(Carbono-thio-yldisulfanedi-yl)bis-(2-methyl-propanoic acid). *Acta Crystallographica Section E: Structure Reports Online*, **2013**, 69, o774		3
12	Producci□ y procesamiento del ma□ en Colombia. *Guillermo De Ockham*, **2013**, 11, 97	0	5
11	9-(4-Bromo-but-yl)-9H-carbazole. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o1853		
10	3,5-Bis(benz-yloxy)benzoic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, o3247-8		0
9	Surface-Grafted Polymers from Electropolymerized Polythiophene RAFT Agent. *Macromolecules*, **2011**, 44, 966-975	5.5	58
8	RAFT "grafting-through" approach to surface-anchored polymers: Electrodeposition of an electroactive methacrylate monomer. *European Physical Journal E*, **2011**, 34, 15	1.5	12
7	1,4-Phenylenebis(methylene) bis(9H-carbazole-9-carbodithioate). *Acta Crystallographica Section C: Crystal Structure Communications*, **2011**, 67, o77-9		1
6	Grafting of polymers from electrodeposited macro-RAFT initiators on conducting surfaces. *Reactive and Functional Polymers*, **2011**, 71, 938-942	4.6	16

List of Publications

5	2-Bromo-N-(2-hy-droxy-5-methyl-phen-yl)-2-methyl-propanamide. *Acta Crystallographica Section E: Structure Reports Online*, **2011**, 67, o2446		1
4	2-(Phenyl-carbonothio-ylsulfan-yl)acetic acid. *Acta Crystallographica Section E: Structure Reports Online*, **2010**, 66, o2614		1
3	Nanoparticle formation and ultrathin film electrodeposition of carbazole dendronized polynorbornenes prepared by ring-opening metathesis polymerization. *Langmuir*, **2010**, 26, 17629-39	4	10
2	Electrochemical deposition and surface-initiated RAFT polymerization: protein and cell-resistant PPEGMEMA polymer brushes. *Biomacromolecules*, **2010**, 11, 3422-31	6.9	59
1	2-{[(Dodecylsulfanyl)carbonothioyl]sulfanyl}-2-methylpropanoic acid: a chain of edge-fused R(2)(2)(8) and R(4)(4)(20) rings built from O-H...O and C-H...O hydrogen bonds. *Acta Crystallographica Section C: Crystal Structure Communications*, **2010**, 66, o627-30		1