

Carolina Muñoz-Camargo

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

691
citations

759055

12
h-index

642610

23
g-index

42
all docs

42
docs citations

42
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	An imageJ plugin for the high throughput image analysis of in vitro scratch wound healing assays. PLoS ONE, 2020, 15, e0232565.	1.1	232
2	Tailoring Iron Oxide Nanoparticles for Efficient Cellular Internalization and Endosomal Escape. Nanomaterials, 2020, 10, 1816.	1.9	38
3	Graphene Oxide-Embedded Extracellular Matrix-Derived Hydrogel as a Multiresponsive Platform for 3D Bioprinting Applications. International Journal of Bioprinting, 2021, 7, 353.	1.7	33
4	Unveiling the Multifaceted Mechanisms of Antibacterial Activity of Buforin II and Frenatin 2.3S Peptides from Skin Micro-Organs of the Orinoco Lime Treefrog (<i>Sphaenorhynchus lacteus</i>). International Journal of Molecular Sciences, 2018, 19, 2170.	1.8	29
5	PH-Responsive, Cell-Penetrating, Core/Shell Magnetite/Silver Nanoparticles for the Delivery of Plasmids: Preparation, Characterization, and Preliminary In Vitro Evaluation. Pharmaceutics, 2020, 12, 561.	2.0	29
6	Novel BUF2-magnetite nanobioconjugates with cell-penetrating abilities. International Journal of Nanomedicine, 2018, Volume 13, 8087-8094.	3.3	28
7	Magnetite- <i>OmpA</i> Nanobioconjugates as Cell-Penetrating Vehicles with Endosomal Escape Abilities. ACS Biomaterials Science and Engineering, 2020, 6, 415-424.	2.6	28
8	<p>Cell-Penetrating And Antibacterial BUF-II Nanobioconjugates: Enhanced Potency Via Immobilization On Polyetheramine-Modified Magnetite Nanoparticles</p>. International Journal of Nanomedicine, 2019, Volume 14, 8483-8497.	3.3	26
9	Formulation and Characterization of a SIS-Based Photocrosslinkable Bioink. Polymers, 2019, 11, 569.	2.0	24
10	Design, Screening, and Testing of Non-Rational Peptide Libraries with Antimicrobial Activity: In Silico and Experimental Approaches. Antibiotics, 2020, 9, 854.	1.5	20
11	Preparation and Characterization of an Injectable and Photo-Responsive Chitosan Methacrylate/Graphene Oxide Hydrogel: Potential Applications in Bone Tissue Adhesion and Repair. Polymers, 2022, 14, 126.	2.0	17
12	Antioxidant and Neuroprotective Properties of Non-Centrifugal Cane Sugar and Other Sugarcane Derivatives in an In Vitro Induced Parkinson's Model. Antioxidants, 2021, 10, 1040.	2.2	16
13	Synthesis of Nanoscale Liposomes via Low-Cost Microfluidic Systems. Micromachines, 2020, 11, 1050.	1.4	14
14	Failure Analysis of TEVG's I: Overcoming the Initial Stages of Blood Material Interaction and Stabilization of the Immune Response. Cells, 2021, 10, 3140.	1.8	13
15	Frog skin cultures secrete anti-yellow fever compounds. Journal of Antibiotics, 2016, 69, 783-790.	1.0	10
16	Skin micro-organs from several frog species secrete a repertoire of powerful antimicrobials in culture. Journal of Antibiotics, 2012, 65, 461-467.	1.0	9
17	Bioactive Poly(lactic acid)-Cocoa Bean Shell Composites for Biomaterial Formulation: Preparation and Preliminary In Vitro Characterization. Polymers, 2021, 13, 3707.	2.0	9
18	Highly Efficient Synthesis of Type B Gelatin and Low Molecular Weight Chitosan Nanoparticles: Potential Applications as Bioactive Molecule Carriers and Cell-Penetrating Agents. Polymers, 2021, 13, 4078.	2.0	9

#	ARTICLE	IF	CITATIONS
19	Microfluidic Synthesis and Purification of Magnetoliposomes for Potential Applications in the Gastrointestinal Delivery of Difficult-to-Transport Drugs. <i>Pharmaceutics</i> , 2022, 14, 315.	2.0	9
20	Rational Discovery of Antimicrobial Peptides by Means of Artificial Intelligence. <i>Membranes</i> , 2022, 12, 708.	1.4	8
21	Magnetite Nanoparticles Functionalized with RNases against Intracellular Infection of <i>Pseudomonas aeruginosa</i> . <i>Pharmaceutics</i> , 2020, 12, 631.	2.0	6
22	PharmaNet: Pharmaceutical discovery with deep recurrent neural networks. <i>PLoS ONE</i> , 2021, 16, e0241728.	1.1	6
23	Recent Advances on Stimuli-Responsive Hydrogels Based on Tissue-Derived ECMs and Their Components: Towards Improving Functionality for Tissue Engineering and Controlled Drug Delivery. <i>Polymers</i> , 2021, 13, 3263.	2.0	6
24	Tridimensional alginate disks of tunable topologies for mammalian cell encapsulation. <i>Analytical Biochemistry</i> , 2019, 574, 31-33.	1.1	5
25	Cytotoxic and antiproliferative activities of amphibian (anuran) skin extracts on human acute monocytic leukemia cells. <i>Toxicol</i> , 2020, 177, 25-34.	0.8	4
26	Failure Analysis of TEVGs II: Late Failure and Entering the Regeneration Pathway. <i>Cells</i> , 2022, 11, 939.	1.8	4
27	Blood-Vessel-Inspired Hierarchical Trilayer Scaffolds: PCL/Gelatin-Driven Protein Adsorption and Cellular Interaction. <i>Polymers</i> , 2022, 14, 2135.	2.0	4
28	Understanding the Potential of Genome Editing in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9241.	1.8	3
29	Design and Characterization of a Fluidic Device for the Evaluation of SIS-Based Vascular Grafts. <i>Processes</i> , 2020, 8, 1198.	1.3	2
30	Synthesis, Characterization, and Functionalization of Chitosan and Gelatin Type B Nanoparticles to Develop Novel Highly Biocompatible Cell-Penetrating Agents. <i>Materials Proceedings</i> , 2021, 4, 30.	0.2	2
31	Evaluating the Impact of Thermal Processing on the Anti-Inflammatory Activity of Non-Centrifugal Cane Sugar: Implications on Cytokine Secretion and TLR4 Signaling. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
32	Design and Manufacture of a Low-Cost Microfluidic System for the Synthesis of Giant Liposomes for the Encapsulation of Yeast Homologues: Applications in the Screening of Membrane-Active Peptide Libraries. <i>Micromachines</i> , 2021, 12, 1377.	1.4	1
33	Potential Bone Fillers Based on Composites of Cocoa Bean Shells and Poly(Lactic Acid): Compression Molding Manufacturing. , 2021, , .		1
34	Computational Characterization of Mechanical, Hemodynamic, and Surface Interaction Conditions: Role of Protein Adsorption on the Regenerative Response of TEVGs. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1130.	1.8	1
35	Mechanical characterization of novel vascular grafts: approaching to the native vessel behavior. , 2021, , .		0
36	Novel anticancer agents based on co-immobilization of Temozolomide and Hydroxyurea on Magnetite-Buforin II nanobioconjugates: efficacy study in 3D Glioblastoma spheroids. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	A Chemo-Mechanical Model of the Spreading of Endothelial Cells on the Lumen of Functionalized TEVGs. Materials Proceedings, 2020, 4, .	0.2	0
38	Synthesis and Characterisation of Dimeric Bolaamphiphilic Dehydrodipeptides for Biomedical Applications. Materials Proceedings, 2020, 4, .	0.2	0
39	Delivery of Linear Gene-Editing Systems by Cell-Penetrating Magnetite Vehicles: Synthesis, Characterization and Preliminary In Vitro Testing. Materials Proceedings, 2020, 4, .	0.2	0
40	Bio-molecular interactions: blood components, cells and biomaterials in the regeneration of acellular vascular grafts. , 2021, , .		0