

# Carla Moura

## List of Publications by Year in descending order

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27  
papers

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citations

1170033

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1113639

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27  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Additive Manufactured Poly( $\mu$ -caprolactone)-graphene Scaffolds: Lamellar Crystal Orientation, Mechanical Properties and Biological Performance. <i>Polymers</i> , 2022, 14, 1669.	2.0	5
2	Corncob Cellulose Scaffolds: A New Sustainable Temporary Implant for Cartilage Replacement. <i>Journal of Functional Biomaterials</i> , 2022, 13, 63.	1.8	4
3	Multifunctional Bacterial Cellulose Chitosan Tape: An Innovative Substitute for PVC. , 2022, 8, .		0
4	From Animal to Human: (Re)using Acellular Extracellular Matrices for Temporomandibular Disc Substitution. <i>Journal of Functional Biomaterials</i> , 2022, 13, 61.	1.8	1
5	Magnesium Biodegradable Scaffolds: A Preliminary Study. , 2022, 8, .		0
6	Cell Culture Bioreactor Manufacturing, from Material Selection to Numerical Models. , 2022, 8, .		0
7	Recovery and evaluation of cellulose from agroindustrial residues of corn, grape, pomegranate, strawberry-tree fruit and fava. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	28
8	Biological Treatments for Temporomandibular Joint Disc Disorders: Strategies in Tissue Engineering. <i>Biomolecules</i> , 2021, 11, 933.	1.8	11
9	A randomized controlled preclinical trial on 3 interposal temporomandibular joint disc implants: TEMPOJIMS Phase 2. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 852-868.	1.3	6
10	Comprehensive Review on Full Bone Regeneration through 3D Printing Approaches. , 2020, , .		2
11	Multi-Material Implants for Temporomandibular Joint Disc Repair: Tailored Additive Manufacturing Production. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 342.	2.0	11
12	Chondrogenic differentiation of mesenchymal stem/stromal cells on 3D porous poly ( $\mu$ -caprolactone) scaffolds: Effects of material alkaline treatment and chondroitin sulfate supplementation. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 756-764.	1.1	27
13	A Multimodal Stimulation Cell Culture Bioreactor for Tissue Engineering: A Numerical Modelling Approach. <i>Polymers</i> , 2020, 12, 940.	2.0	17
14	Development of novel 3D scaffolds using BioExtruder by the incorporation of silica into polycaprolactone matrix for bone tissue engineering. <i>Materials Today Communications</i> , 2019, 21, 100651.	0.9	10
15	Preclinical randomized controlled trial of bilateral discectomy versus bilateral discopexy in Black Merino sheep temporomandibular joint: TEMPOJIMS Phase 1- histologic, imaging and body weight results. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 688-696.	0.7	10
16	Effects of bilateral discectomy and bilateral discopexy on black Merino sheep rumination kinematics: TEMPOJIMS phase 1 pilot blinded, randomized preclinical study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 346-355.	0.7	7
17	Poly( $\epsilon$ -caprolactone) and Polyethylene Glycol Diacrylate-based Scaffolds for TMJ Bioengineered Disc Implants. <i>Procedia Manufacturing</i> , 2017, 12, 291-297.	1.9	6
18	Effects of Different Fibre Alignments and Bioactive Coatings on Mesenchymal Stem/Stromal Cell Adhesion and Proliferation in Poly ( $\epsilon$ -caprolactone) Scaffolds towards Cartilage Repair. <i>Procedia Manufacturing</i> , 2017, 12, 132-140.	1.9	10

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19	Bioengineered Temporomandibular Joint Disk Implants: Study Protocol for a Two-Phase Exploratory Randomized Preclinical Pilot Trial in 18 Black Merino Sheep (TEMPOJIMS). JMIR Research Protocols, 2017, 6, e37.	0.5	10
20	Fabrication of Poly( $\epsilon$ -Caprolactone) Scaffolds Reinforced with Cellulose Nanofibers, with and without the Addition of Hydroxyapatite Nanoparticles. BioMed Research International, 2016, 2016, 1-10.	0.9	53
21	Comparison of Three-dimensional Extruded Poly ( $\epsilon$ -Caprolactone) and Polylactic acid Scaffolds with Pore size Variation. Procedia CIRP, 2016, 49, 209-212.	1.0	7
22	Processing and Characterization of 3D Dense Chitosan Pieces, for Orthopedic Applications, by Adding Plasticizers. Procedia Engineering, 2015, 110, 175-182.	1.2	9
23	Combination of 3D Extruded-based Poly ( $\epsilon$ -caprolactone) Scaffolds with Mesenchymal Stem/Stromal Cells: Strategy Optimization. Procedia Engineering, 2015, 110, 122-127.	1.2	7
24	Electrical Stimulation Optimization in Bioreactors for Tissue Engineering Applications. Applied Mechanics and Materials, 0, 890, 314-323.	0.2	2
25	The New Era of Additive Manufactured Orthopaedic Devices: Materials and Their Mechanical Performance. , 0, , .		0
26	Ovine Model as a Temporomandibular Disc Substitute: Characterisation and the Outcomes of Freezing Storage. , 0, , .		0
27	Development of 3D-Printed Scaffolds with Mathematically Defined Curvature for Osteochondral Defect Repair Applications. , 0, , .		0