

# Carla Cunha

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

3,112  
citations

236833

25  
h-index

315616

38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

5348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a standardized histopathology scoring system for intervertebral disc degeneration in rat models: An initiative of the <sc>ORS</sc> spine section. JOR Spine, 2021, 4, e1150.	1.5	49
2	Therapeutic Strategies for IVD Regeneration through Hyaluronan/SDF-1-Based Hydrogel and Intravenous Administration of MSCs. International Journal of Molecular Sciences, 2021, 22, 9609.	1.8	7
3	Circulating microRNAs Correlate with Multiple Myeloma and Skeletal Osteolytic Lesions. Cancers, 2021, 13, 5258.	1.7	4
4	Modulation of the In Vivo Inflammatory Response by Pro- Versus Anti-Inflammatory Intervertebral Disc Treatments. International Journal of Molecular Sciences, 2020, 21, 1730.	1.8	15
5	Macrophages Down-Regulate Gene Expression of Intervertebral Disc Degenerative Markers Under a Pro-inflammatory Microenvironment. Frontiers in Immunology, 2019, 10, 1508.	2.2	50
6	The Systemic Immune Response to Collagen-Induced Arthritis and the Impact of Bone Injury in Inflammatory Conditions. International Journal of Molecular Sciences, 2019, 20, 5436.	1.8	11
7	Role of neuropeptide Y (NPY) in the differentiation of Trpm-5-positive olfactory microvillar cells. Neuropeptides, 2018, 68, 90-98.	0.9	7
8	Age-Related Phenotypic Alterations in Cells Isolated From Human Degenerated Intervertebral Discs With Contained Hernias. Spine, 2018, 43, E274-E284.	1.0	12
9	The inflammatory response in the regression of lumbar disc herniation. Arthritis Research and Therapy, 2018, 20, 251.	1.6	130
10	Profiling the circulating miRnome reveals a temporal regulation of the bone injury response. Theranostics, 2018, 8, 3902-3917.	4.6	9
11	Joint analysis of IVD herniation and degeneration by rat caudal needle puncture model. Journal of Orthopaedic Research, 2017, 35, 258-268.	1.2	31
12	Systemic Delivery of Bone Marrow Mesenchymal Stem Cells for In Situ Intervertebral Disc Regeneration. Stem Cells Translational Medicine, 2017, 6, 1029-1039.	1.6	31
13	Fabrication and Pilot In Vivo Study of a Collagen-BDDGE-Elastin Core-Shell Scaffold for Tendon Regeneration. Frontiers in Bioengineering and Biotechnology, 2016, 4, 52.	2.0	38
14	Fibrinogen scaffolds with immunomodulatory properties promote in vivo bone regeneration. Biomaterials, 2016, 111, 163-178.	5.7	54
15	Inflammation in intervertebral disc degeneration and regeneration. Journal of the Royal Society Interface, 2015, 12, 20141191.	1.5	291
16	Bioactivity of surface tethered Osteogenic Growth Peptide motifs. MedChemComm, 2014, 5, 899.	3.5	13
17	Magnetic Bioinspired Hybrid Nanostructured Collagen-Hydroxyapatite Scaffolds Supporting Cell Proliferation and Tuning Regenerative Process. ACS Applied Materials & Interfaces, 2014, 6, 15697-15707.	4.0	119
18	Amino and carboxyl plasma functionalization of collagen films for tissue engineering applications. Journal of Colloid and Interface Science, 2013, 394, 590-597.	5.0	48

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19	A novel bioactive peptide: assessing its activity over murine neural stem cells and its potential for neural tissue engineering. <i>New Biotechnology</i> , 2013, 30, 552-562.	2.4	56
20	Engineering of a 3D Nanostructured Scaffold Made of Functionalized Self-Assembling Peptides and Encapsulated Neural Stem Cells. <i>Methods in Molecular Biology</i> , 2013, 1058, 171-182.	0.4	6
21	Remote Control of Cell Behaviour Through an External Magnetic Field as Tool for Nanomedicine Applications. , 2013, , .		0
22	High biocompatibility and improved osteogenic potential of novel Ca <sup>4+</sup> /titania composite scaffolds designed for regeneration of load-bearing segmental bone defects. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1612-1619.	2.1	25
23	Evaluation of the Effects of a Moderate Intensity Static Magnetic Field Application on Human Osteoblast-Like Cells. <i>American Journal of Biomedical Engineering</i> , 2013, 2, 263-268.	0.9	29
24	Magnetic Hydroxyapatite Bone Substitutes to Enhance Tissue Regeneration: Evaluation In Vitro Using Osteoblast-Like Cells and In Vivo in a Bone Defect. <i>PLoS ONE</i> , 2012, 7, e38710.	1.1	96
25	Hybrid Scaffolds for Tissue Regeneration: Chemotaxis and Physical Confinement as Sources of Biomimesis. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-10.	1.5	19
26	Inspired by nature. <i>Materials Today</i> , 2012, 15, 223.	8.3	1
27	Morphological and behavioural changes occur following the X-ray irradiation of the adult mouse olfactory neuroepithelium. <i>BMC Neuroscience</i> , 2012, 13, 134.	0.8	6
28	Intrinsically superparamagnetic Fe-hydroxyapatite nanoparticles positively influence osteoblast-like cell behaviour. <i>Journal of Nanobiotechnology</i> , 2012, 10, 32.	4.2	138
29	Hybrid composites made of multiwalled carbon nanotubes functionalized with Fe <sub>3</sub> O <sub>4</sub> nanoparticles for tissue engineering applications. <i>Nanotechnology</i> , 2012, 23, 465102.	1.3	74
30	Osteochondral tissue engineering approaches for articular cartilage and subchondral bone regeneration. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012, 20, 1182-1191.	2.3	120
31	Transplantation of Nanostructured Composite Scaffolds Results in the Regeneration of Chronically Injured Spinal Cords. <i>ACS Nano</i> , 2011, 5, 227-236.	7.3	167
32	3D culture of adult mouse neural stem cells within functionalized self-assembling peptide scaffolds. <i>International Journal of Nanomedicine</i> , 2011, 6, 943.	3.3	120
33	Emerging nanotechnology approaches in tissue engineering for peripheral nerve regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 50-59.	1.7	164
34	A simple role for BDNF in learning and memory?. <i>Frontiers in Molecular Neuroscience</i> , 2010, 3, 1.	1.4	583
35	Brain-derived neurotrophic factor (BDNF) overexpression in the forebrain results in learning and memory impairments. <i>Neurobiology of Disease</i> , 2009, 33, 358-368.	2.1	101
36	Electrospun micro- and nanofiber tubes for functional nervous regeneration in sciatic nerve transections. <i>BMC Biotechnology</i> , 2008, 8, 39.	1.7	281

#	ARTICLE	IF	CITATIONS
37	African Female Heritage in Iberia: A Reassessment of mtDNA Lineage Distribution in Present Times. Human Biology, 2005, 77, 213-229.	0.4	29
38	Predicting sampling saturation of mtDNA haplotypes: an application to an enlarged Portuguese database. International Journal of Legal Medicine, 2004, 118, 132-136.	1.2	59