Guilherme F Caetano

List of Publications by Year
in descending order

21	911	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	1335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental models and methods for cutaneous wound healing assessment. International Journal of Experimental Pathology, 2020, 101, 21-37.	1.3	177
2	Comparison of collagen content in skin wounds evaluated by biochemical assay and by computer-aided histomorphometric analysis. Pharmaceutical Biology, 2016, 54, 2555-2559.	2.9	103
3	Engineered 3D printed poly(É›-caprolactone)/graphene scaffolds for bone tissue engineering. Materials Science and Engineering C, 2019, 100, 759-770.	7.3	95
4	Chitosanâ€alginate membranes accelerate wound healing. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 1013-1022.	3.4	89
5	Hyaluronidase Modulates Inflammatory Response and Accelerates the Cutaneous Wound Healing. PLoS ONE, 2014, 9, e112297.	2.5	55
6	In vivo study of conductive 3D printed PCL/MWCNTs scaffolds with electrical stimulation for bone tissue engineering. Bio-Design and Manufacturing, 2021, 4, 190-202.	7.7	46
7	Skin changes in streptozotocin-induced diabetic rats. Biochemical and Biophysical Research Communications, 2017, 490, 1154-1161.	2.1	38
8	Morphological, mechanical and biological assessment of PCL/pristine graphene scaffolds for bone regeneration. International Journal of Bioprinting, 2016, 2, .	3.4	38
9	Lipoxin A4 encapsulated in PLGA microparticles accelerates wound healing of skin ulcers. PLoS ONE, 2017, 12, e0182381.	2.5	37
10	Crotoxin from Crotalus durissus terrificus venom: In vitro cytotoxic activity of a heterodimeric phospholipase A2 on human cancer-derived cell lines. Toxicon, 2018, 156, 13-22.	1.6	34
11	3D-Printed Poly(É›-caprolactone)/Graphene Scaffolds Activated with P1-Latex Protein for Bone Regeneration. 3D Printing and Additive Manufacturing, 2018, 5, 127-137.	2.9	33
12	Development, characterization and pre-clinical trials of an innovative wound healing dressing based on propolis (EPP-AFÂ®)-containing self-microemulsifying formulation incorporated in biocellulose membranes. International Journal of Biological Macromolecules, 2019, 136, 570-578.	7.5	31
13	Electrical stimulation: Complementary therapy to improve the performance of grafts in bone defects?. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 924-932.	3.4	26
14	Osteogenic Differentiation of Adipose-derived Mesenchymal Stem Cells into Polycaprolactone (PCL) Scaffold. Procedia Engineering, 2015, 110, 59-66.	1.2	24
15	In vivo investigation of 3D printed polycaprolactone/graphene electro-active bone scaffolds. Bioprinting, 2021, 24, e00164.	5.8	17
16	Electrical therapies act on the Ca²⁺/<scp>CaM</scp> signaling pathway to enhance bone regeneration with bioactive glass [<scp>S53P4</scp>] and allogeneic grafts. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 2104-2116.	3.4	16
17	Do electrical current and laser therapies improve bone remodeling during an orthodontic treatment with corticotomy?. Clinical Oral Investigations, 2019, 23, 4083-4097.	3.0	15
18	In Vivo Investigation of Polymer-Ceramic PCL/HA and PCL/Î²-TCP 3D Composite Scaffolds and Electrical Stimulation for Bone Regeneration. Polymers, 2022, 14, 65.	4.5	12

#	Article	IF	Citations
19	Healing effects of natural latex serum 1% from Hevea brasiliensis in an experimental skin abrasion wound model. Anais Brasileiros De Dermatologia, 2020, 95, 418-427.	1.1	10
20	Phototherapy improves wound healing in rats subjected to high-fat diet. Lasers in Medical Science, 2015, 30, 1481-1488.	2.1	8
21	Evaluation of the Effectiveness of Crotoxin as an Antiseptic against Candida spp. Biofilms. Toxins, 2020, 12, 532.	3.4	7