Arnaldo Rodrigues Santos Junior

List of Publications by Year
in descending order

52 papers	743 citations	516710 16 h-index	580821 25 g-index
52 all docs	52 docs citations	52 times ranked	1013 citing authors

#	Article	IF	Citations
1	Polycaprolactone/Beta-Tricalcium Phosphate Scaffolds Obtained via Rotary Jet-Spinning: in vitro and in vivo Evaluation. Cells Tissues Organs, 2022, , 21-35.	2.3	6
2	Poly (Îµ-caprolactone)/Poly (lactic acid) fibers produced by rotary jet spinning for skin dressing with antimicrobial activity. Journal of Biomaterials Applications, 2022, 36, 1641-1651.	2.4	5
3	Development of a chitosan and hyaluronic acid hydrogel with potential for bioprinting utilization: A preliminary study. Journal of Biomaterials Applications, 2021, 36, 358-371.	2.4	9
4	Osteogenic differentiation of rat bone mesenchymal stem cells cultured on poly (hydroxybutyrate-co-hydroxyvalerate), poly (Îµ-caprolactone) scaffolds. Journal of Materials Science: Materials in Medicine, 2021, 32, 138.	3.6	10
5	Evaluation of the Growth and Differentiation of Human Fetal Osteoblasts (hFOB) Cells on Demineralized Bone Matrix (DBM). Organogenesis, 2021, 17, 136-149.	1.2	2
6	Culture of rat mesenchymal stem cells on PHBV-PCL scaffolds: analysis of conditioned culture medium by FT-Raman spectroscopy. Brazilian Journal of Biology, 2021, 83, e246592.	0.9	1
7	Effects of the combination of low-level laser therapy and anionic polymer membranes on bone repair. Lasers in Medical Science, 2020, 35, 813-821.	2.1	8
8	Elastin-derived scaffolding associated or not with bone morphogenetic protein (BMP) or hydroxyapatite (HA) in the repair process of metaphyseal bone defects. PLoS ONE, 2020, 15, e0231112.	2.5	12
9	Fibrous PCL scaffolds as tissue substitutes. International Journal of Advances in Medical Biotechnology - IJAMB, 2020, 3, .	0.2	2
10	Effects of photodynamic therapy on materials used in hospitals. , 2019, , .		0
11	Comparative study of aligned and nonaligned poly(Îµâ€caprolactone) fibrous scaffolds prepared by solution blow spinning. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 1462-1470.	3.4	19
12	In vitro Evaluation of PHBV/PCL Blends for Bone Tissue Engineering. Materials Research, 2019, 22, .	1.3	8
13	Bioprinting and stem cells: the new frontier of tissue engineering and regenerative medicine. Journal of Stem Cell Research & Therapeutics, 2018, 4, .	0.1	2
14	Is the FVB/N mouse strain truly resistant to diet-induced obesity?. Physiological Reports, 2017, 5, e13271.	1.7	25
15	Factors and molecules that could impact cell differentiation in the embryo generated by nuclear transfer. Organogenesis, 2017, 13, 156-178.	1.2	5
16	Fibrous PCL/PLLA Scaffolds Obtained by Rotary Jet Spinning and Electrospinning. Materials Research, 2017, 20, 910-916.	1.3	11
17	Sorbitol-Plasticized and Neutralized Chitosan Membranes as Skin Substitutes. Materials Research, 2015, 18, 781-790.	1.3	26
18	Cartilage reconstruction using self-anchoring implant with functional gradient. Materials Research, 2014, 17, 638-649.	1.3	10

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19	Cellular and morphological aspects of fibrodysplasia ossificans progressiva. Organogenesis, 2014, 10, 303-311.	1.2	15
20	Novel hybrid membrane of chitosan/poly (Îµ-caprolactone) for tissue engineering. Biomatter, 2014, 4, e29508.	2.6	17
21	Bovine osteoblasts cultured on polyanionic collagen scaffolds: An ultrastructural and immunocytochemical study. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 18-27.	3.4	11
22	Analysis by FT-IR of three different bone regions: healthy, endochondral and intramembranous. , 2013, , .		0
23	Preliminary viability studies of fibroblastic cells cultured on microcrystalline and nanocrystalline diamonds produced by chemical vapour deposition method. Materials Research, 2013, 16, 252-258.	1.3	5
24	Stem cells and cell therapy: From basic sciences to clinical perspectives. Journal of Biomedical Science and Engineering, 2013, 06, 683-692.	0.4	6
25	Study of aggressiveness prediction of mammary adenocarcinoma by Raman spectroscopy. Proceedings of SPIE, 2012, , .	0.8	1
26	Standardization of experimental parameters for LLLT studies. Proceedings of SPIE, 2012, , .	0.8	2
27	Polyvinyl alcohol associated with carbon nanotube scaffolds for osteogenic differentiation of rat bone mesenchymal stem cells. Carbon, 2012, 50, 450-459.	10.3	25
28	Histochemical Study of Early Embryo Implantation in Rats. International Journal of Morphology, 2011, 29, 187-192.	0.2	8
29	Osteoconductive Capacity of Hydroxyapatite Implanted Into the Skull of Diabetics. Journal of Craniofacial Surgery, 2011, 22, 2048-2052.	0.7	12
30	Poly(Îµ-caprolactone) and poly(d,l-lactic acid-co-glycolic acid) scaffolds used in bone tissue engineering prepared by melt compressionâ€“particulate leaching method. Journal of Materials Science: Materials in Medicine, 2011, 22, 2377-85.	3.6	20
31	Characterization of the physical and mechanical properties of femoral bone defects filled with polyanionic collagen scaffolds in ovariectomized rats. Materials Research, 2010, 13, 239-244.	1.3	4
32	Cytotoxicity study of some Ti alloys used as biomaterial. Materials Science and Engineering C, 2009, 29, 1365-1369.	7.3	62
33	Analysis of the growth pattern of Vero cells cultured on dense and porous poly (L-Lactic Acid) scaffolds. Materials Research, 2009, 12, 257-263.	1.3	12
34	Implants of polyanionic collagen matrix in bone defects of ovariectomized rats. Journal of Materials Science: Materials in Medicine, 2008, 19, 1341-1348.	3.6	21
35	Increased response of Vero cells to PHBV matrices treated by plasma. Journal of Materials Science: Materials in Medicine, 2008, 19, 635-643.	3.6	49
36	Blends of poly(3-hydroxybutyrate) and poly(p-dioxanone): miscibility, thermal stability and biocompatibility. Journal of Materials Science: Materials in Medicine, 2008, 19, 3535-3544.	3.6	31

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37	Manufacturing of Porous Alumina Scaffolds with Bio-Glass and HAp Coating: Mechanical and In Vitro Evaluation. Key Engineering Materials, 2008, 396-398, 679-682.	0.4	2
38	PolÃmeros biorreabsorvÃveis como substrato para cultura de cÃ©lulas e engenharia tecidual. Polimeros, 2007, 17, 308-317.	0.7	25
39	Desenvolvimento de scaffolds bioativos do compÃ³sito polimetilmetacrilato e hidroxiapatita: anÃ¡lise in vitro. IFMBE Proceedings, 2007, , 1196-1198.	0.3	0
40	Surface properties and cell behaviour of diamond-like carbon coatings produced by plasma immersion. Thin Solid Films, 2006, 515, 293-300.	1.8	24
41	Atomic Force Microscopic Observations of Diamond-like Carbon (DLC) Films Produced by Plasma Immersion and Fibroblasts Cultured on DLC. Microscopy and Microanalysis, 2005, 11, 82-85.	0.4	2
42	Use of blends of bioabsorbable poly(L-lactic acid)/poly(hydroxybutyrate- co-hydroxyvalerate) as surfaces for Vero cell culture. Brazilian Journal of Medical and Biological Research, 2005, 38, 1623-1632.	1.5	16
43	Differentiation Pattern of Vero Cells Cultured on Poly(L-Lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (Acid)/Poly(Hydr	1.9	33
44	Porous and dense poly(L-lactic acid) and poly(D,L-lactic acid-co-glycolic acid) scaffolds: In vitro degradation in culture medium and osteoblasts culture. Journal of Materials Science: Materials in Medicine, 2004, 15, 1315-1321.	3.6	61
45	In vitro analysis of anionic collagen scaffolds for bone repair. Journal of Biomedical Materials Research Part B, 2004, 71B, 229-237.	3.1	34
46	Dexamethasone and fetal calf serum effects in differentiation of Vero cells cultured on type I collagen gel. Journal of Submicroscopic Cytology and Pathology, 2003, 35, 35-42.	0.3	2
47	Adhesion and morphology of fibroblastic cells cultured on different polymeric biomaterials. Journal of Materials Science: Materials in Medicine, 2002, 13, 867-874.	3.6	26
48	Vero Cell Growth and Differentiation on Poly(lâ€Lactic Acid) Membranes of Different Poreâ€ƒDiameters. Artificial Organs, 2001, 25, 7-13.	1.9	34
49	Differential Schwann cell migration in adult and old mice: an in vitro study. Brain Research, 2000, 881, 73-76.	2.2	9
50	Bioresorbable Polymers for Tissue Engineering. , 0, , .		12
51	Acellular Dermis Obtainment to Fibroblastic Cell Culture and Tissue Engineering. Materials Science Forum, 0, 805, 122-127.	0.3	0
52	Characterization and in vitro analysis of a poly(Îµ-caprolactone)â€“gelatin matrix produced by rotary jet spinning and applied as a skin dressing. Polymer Bulletin, 0, , .	3.3	1