

# Arnaldo Rodrigues Santos Junior

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Cytotoxicity study of some Ti alloys used as biomaterial. <i>Materials Science and Engineering C</i> , 2009, 29, 1365-1369.	7.3	62
2	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. <i>Journal of Materials Science: Materials in Medicine</i> , 2004, 15, 1315-1321.	3.6	61
3	Increased response of Vero cells to PHBV matrices treated by plasma. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 635-643.	3.6	49
4	Vero Cell Growth and Differentiation on Poly(L-Lactic Acid) Membranes of Different Pore Diameters. <i>Artificial Organs</i> , 2001, 25, 7-13.	1.9	34
5	In vitro analysis of anionic collagen scaffolds for bone repair. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 71B, 229-237.	3.1	34
6	Differentiation Pattern of Vero Cells Cultured on Poly(L-Lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (Acid)/Poly(Hydroxybutyrate)	1.9	33
7	Blends of poly(3-hydroxybutyrate) and poly(p-dioxanone): miscibility, thermal stability and biocompatibility. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 3535-3544.	3.6	31
8	Adhesion and morphology of fibroblastic cells cultured on different polymeric biomaterials. <i>Journal of Materials Science: Materials in Medicine</i> , 2002, 13, 867-874.	3.6	26
9	Sorbitol-Plasticized and Neutralized Chitosan Membranes as Skin Substitutes. <i>Materials Research</i> , 2015, 18, 781-790.	1.3	26
10	Polímeros biorreabsorvíveis como substrato para cultura de células e engenharia tecidual. <i>Polimeros</i> , 2007, 17, 308-317.	0.7	25
11	Polyvinyl alcohol associated with carbon nanotube scaffolds for osteogenic differentiation of rat bone mesenchymal stem cells. <i>Carbon</i> , 2012, 50, 450-459.	10.3	25
12	Is the FVB/N mouse strain truly resistant to diet-induced obesity?. <i>Physiological Reports</i> , 2017, 5, e13271.	1.7	25
13	Surface properties and cell behaviour of diamond-like carbon coatings produced by plasma immersion. <i>Thin Solid Films</i> , 2006, 515, 293-300.	1.8	24
14	Implants of polyanionic collagen matrix in bone defects of ovariectomized rats. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 1341-1348.	3.6	21
15	Poly( $\mu$ -caprolactone) and poly(d,l-lactic acid-co-glycolic acid) scaffolds used in bone tissue engineering prepared by melt compression "particulate leaching method. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 2377-85.	3.6	20
16	Comparative study of aligned and nonaligned poly( $\mu$ -caprolactone) fibrous scaffolds prepared by solution blow spinning. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1462-1470.	3.4	19
17	Novel hybrid membrane of chitosan/poly( $\mu$ -caprolactone) for tissue engineering. <i>Biomatter</i> , 2014, 4, e29508.	2.6	17
18	Use of blends of bioabsorbable poly(L-lactic acid)/poly(hydroxybutyrate- co-hydroxyvalerate) as surfaces for Vero cell culture. <i>Brazilian Journal of Medical and Biological Research</i> , 2005, 38, 1623-1632.	1.5	16

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19	Cellular and morphological aspects of fibrodysplasia ossificans progressiva. <i>Organogenesis</i> , 2014, 10, 303-311.	1.2	15
20	Bioresorbable Polymers for Tissue Engineering. , 0, , .		12
21	Osteoconductive Capacity of Hydroxyapatite Implanted Into the Skull of Diabetics. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 2048-2052.	0.7	12
22	Elastin-derived scaffolding associated or not with bone morphogenetic protein (BMP) or hydroxyapatite (HA) in the repair process of metaphyseal bone defects. <i>PLoS ONE</i> , 2020, 15, e0231112.	2.5	12
23	Analysis of the growth pattern of Vero cells cultured on dense and porous poly (L-Lactic Acid) scaffolds. <i>Materials Research</i> , 2009, 12, 257-263.	1.3	12
24	Bovine osteoblasts cultured on polyanionic collagen scaffolds: An ultrastructural and immunocytochemical study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 18-27.	3.4	11
25	Fibrous PCL/PLLA Scaffolds Obtained by Rotary Jet Spinning and Electrospinning. <i>Materials Research</i> , 2017, 20, 910-916.	1.3	11
26	Cartilage reconstruction using self-anchoring implant with functional gradient. <i>Materials Research</i> , 2014, 17, 638-649.	1.3	10
27	Osteogenic differentiation of rat bone mesenchymal stem cells cultured on poly (hydroxybutyrate-co-hydroxyvalerate), poly ( $\beta$ -caprolactone) scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 138.	3.6	10
28	Differential Schwann cell migration in adult and old mice: an in vitro study. <i>Brain Research</i> , 2000, 881, 73-76.	2.2	9
29	Development of a chitosan and hyaluronic acid hydrogel with potential for bioprinting utilization: A preliminary study. <i>Journal of Biomaterials Applications</i> , 2021, 36, 358-371.	2.4	9
30	Histochemical Study of Early Embryo Implantation in Rats. <i>International Journal of Morphology</i> , 2011, 29, 187-192.	0.2	8
31	Effects of the combination of low-level laser therapy and anionic polymer membranes on bone repair. <i>Lasers in Medical Science</i> , 2020, 35, 813-821.	2.1	8
32	In vitro Evaluation of PHBV/PCL Blends for Bone Tissue Engineering. <i>Materials Research</i> , 2019, 22, .	1.3	8
33	Polycaprolactone/Beta-Tricalcium Phosphate Scaffolds Obtained via Rotary Jet-Spinning: in vitro and in vivo Evaluation. <i>Cells Tissues Organs</i> , 2022, , 21-35.	2.3	6
34	Stem cells and cell therapy: From basic sciences to clinical perspectives. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 683-692.	0.4	6
35	Preliminary viability studies of fibroblastic cells cultured on microcrystalline and nanocrystalline diamonds produced by chemical vapour deposition method. <i>Materials Research</i> , 2013, 16, 252-258.	1.3	5
36	Factors and molecules that could impact cell differentiation in the embryo generated by nuclear transfer. <i>Organogenesis</i> , 2017, 13, 156-178.	1.2	5

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37	Poly ( $\mu$ -caprolactone)/Poly (lactic acid) fibers produced by rotary jet spinning for skin dressing with antimicrobial activity. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1641-1651.	2.4	5
38	Characterization of the physical and mechanical properties of femoral bone defects filled with polyanionic collagen scaffolds in ovariectomized rats. <i>Materials Research</i> , 2010, 13, 239-244.	1.3	4
39	Atomic Force Microscopic Observations of Diamond-like Carbon (DLC) Films Produced by Plasma Immersion and Fibroblasts Cultured on DLC. <i>Microscopy and Microanalysis</i> , 2005, 11, 82-85.	0.4	2
40	Manufacturing of Porous Alumina Scaffolds with Bio-Glass and HAp Coating: Mechanical and <i>In Vitro</i> Evaluation. <i>Key Engineering Materials</i> , 2008, 396-398, 679-682.	0.4	2
41	Standardization of experimental parameters for LLLT studies. <i>Proceedings of SPIE</i> , 2012, , .	0.8	2
42	Bioprinting and stem cells: the new frontier of tissue engineering and regenerative medicine. <i>Journal of Stem Cell Research &amp; Therapeutics</i> , 2018, 4, .	0.1	2
43	Evaluation of the Growth and Differentiation of Human Fetal Osteoblasts (hFOB) Cells on Demineralized Bone Matrix (DBM). <i>Organogenesis</i> , 2021, 17, 136-149.	1.2	2
44	Fibrous PCL scaffolds as tissue substitutes. <i>International Journal of Advances in Medical Biotechnology - IJAMB</i> , 2020, 3, .	0.2	2
45	Dexamethasone and fetal calf serum effects in differentiation of Vero cells cultured on type I collagen gel. <i>Journal of Submicroscopic Cytology and Pathology</i> , 2003, 35, 35-42.	0.3	2
46	Study of aggressiveness prediction of mammary adenocarcinoma by Raman spectroscopy. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
47	Culture of rat mesenchymal stem cells on PHBV-PCL scaffolds: analysis of conditioned culture medium by FT-Raman spectroscopy. <i>Brazilian Journal of Biology</i> , 2021, 83, e246592.	0.9	1
48	Characterization and in vitro analysis of a poly( $\mu$ -caprolactone)-gelatin matrix produced by rotary jet spinning and applied as a skin dressing. <i>Polymer Bulletin</i> , 0, , .	3.3	1
49	Analysis by FT-IR of three different bone regions: healthy, endochondral and intramembranous. , 2013, , .		0
50	Acellular Dermis Obtainment to Fibroblastic Cell Culture and Tissue Engineering. <i>Materials Science Forum</i> , 0, 805, 122-127.	0.3	0
51	Effects of photodynamic therapy on materials used in hospitals. , 2019, , .		0
52	Desenvolvimento de scaffolds bioativos do composto polimetilmetacrilato e hidroxiapatita: análise in vitro. <i>IFMBE Proceedings</i> , 2007, , 1196-1198.	0.3	0