

Gutenberg Gomes Alves

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,768
citations

279487

23
h-index

315357

38
g-index

91
all docs

91
docs citations

91
times ranked

2597
citing authors

#	ARTICLE	IF	CITATIONS
1	“Sticky Bone” Preparation Device: A Pilot Study on the Release of Cytokines and Growth Factors. <i>Materials</i> , 2022, 15, 1474.	1.3	9
2	Alb-PRF: the history behind the science. <i>International Journal of Clinical Biochemistry and Research</i> , 2022, 9, 90-91.	0.0	0
3	The influence of methodology on the comparison of cytotoxicity of total-etch and self-etch adhesive systems. <i>Journal of Dentistry</i> , 2022, 122, 104158.	1.7	0
4	In vivo evaluation of the biocompatibility and biodegradation of a new denatured plasma membrane combined with liquid PRF (Alb-PRF). <i>Platelets</i> , 2021, 32, 542-554.	1.1	31
5	Cytocompatibility of filling pastes by primary teeth root simulating model. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, 109, 174-183.	0.9	1
6	Effects of rotor angle and time after centrifugation on the biological in vitro properties of platelet rich fibrin membranes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 60-68.	1.6	16
7	Effects of Leukocyte-Platelet-Rich Fibrin (L-PRF) on Pain, Soft Tissue Healing, Growth Factors, and Cytokines after Third Molar Extraction: A Randomized, Split-Mouth, Double-Blinded Clinical Trial. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1666.	1.3	9
8	CONCEPÇÕES DE EDUCAÇÃO EM SAÚDE NOS JOGOS DIDÁTICOS SOBRE <i>Aedes aegypti</i> NO BRASIL: UMA REVISÃO INTEGRATIVA. <i>Investigacoes Em Ensino De Ciencias</i> , 2021, 26, 285.	0.0	1
9	Cytotoxicity in fibroblasts from young and elderly donors from two mouthwashes used to prevent the spread of SARS-CoV-2. <i>Research, Society and Development</i> , 2021, 10, e56810414587.	0.0	0
10	Digital Management Systems in Academic Health Sciences Laboratories: A Scoping Review. <i>Healthcare (Switzerland)</i> , 2021, 9, 739.	1.0	1
11	Standardized pyrogen testing of medical products with the bacterial endotoxin test (BET) as a substitute for rabbit Pyrogen testing (RPT): A scoping review. <i>Toxicology in Vitro</i> , 2021, 74, 105160.	1.1	8
12	Prognosis of Regenerative Endodontic Procedures in Mature Teeth: A Systematic Review and Meta-Analysis of Clinical and Radiographic Parameters. <i>Materials</i> , 2021, 14, 4418.	1.3	9
13	Biomimetic Mineralization on 3D Printed PLA Scaffolds: On the Response of Human Primary Osteoblasts Spheroids and In Vivo Implantation. <i>Polymers</i> , 2021, 13, 74.	2.0	22
14	Effect of Different Root Canal Irrigant Solutions on the Release of Dentin-Growth Factors: A Systematic Review and Meta-Analysis. <i>Materials</i> , 2021, 14, 5829.	1.3	7
15	Osteosphere Model to Evaluate Cell-Surface Interactions of Implantable Biomaterials. <i>Materials</i> , 2021, 14, 5858.	1.3	2
16	New Law of Brazilian Biodiversity: Legal Aspects and Impact in the Field of Biotechnology. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20210413.	0.3	2
17	Peri-implant health after supportive mucositis therapy is associated with increased levels of FGF-2. <i>Brazilian Dental Journal</i> , 2021, 32, 55-66.	0.5	0
18	MTT versus other cell viability assays to evaluate the biocompatibility of root canal filling materials: a systematic review. <i>International Endodontic Journal</i> , 2020, 53, 1348-1373.	2.3	37

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19	Association of DNA sequence-independent genetic regulatory mechanisms with apical periodontitis: A scoping review. Archives of Oral Biology, 2020, 115, 104737.	0.8	2
20	Thiourethane-functionalized fillers: biological properties and degradation resistance. Brazilian Oral Research, 2020, 35, e018.	0.6	2
21	Resistant starch supplementation attenuates inflammation in hemodialysis patients: a pilot study. International Urology and Nephrology, 2020, 52, 549-555.	0.6	10
22	The impact of online management systems: a qualitative assessment of staff perception at a clinical research laboratory. Research, Society and Development, 2020, 9, e9239109188.	0.0	1
23	Impacto da reabilitação oral na qualidade de vida e nos níveis de cortisol de pacientes geriátricos. Research, Society and Development, 2020, 9, e2639119911.	0.0	0
24	Advances and potential application of gold nanoparticles in nanomedicine. Journal of Cellular Biochemistry, 2019, 120, 16370-16378.	1.2	37
25	Usefulness of platelet-rich fibrin as a hemostatic agent after dental extractions in patients receiving anticoagulant therapy with factor Xa inhibitors: a case series. Oral and Maxillofacial Surgery, 2019, 23, 381-386.	0.6	11
26	Impact of crystallinity and crystal size of nanostructured carbonated hydroxyapatite on pre-osteoblast in vitro biocompatibility. Journal of Biomedical Materials Research - Part A, 2019, 107, 1965-1976.	2.1	13
27	Apoptosis-associated speck-like protein containing a caspase-1 recruitment domain (ASC) contributes to osteoblast differentiation and osteogenesis. Journal of Cellular Physiology, 2019, 234, 4140-4153.	2.0	27
28	Answer controversies about hemostatic properties of platelet-rich fibrin. Oral and Maxillofacial Surgery, 2019, 23, 121-121.	0.6	1
29	In vitro cytotoxicity of dental adhesives: A systematic review. Dental Materials, 2019, 35, 195-205.	1.6	44
30	Does the association of blood-derived growth factors to nanostructured carbonated hydroxyapatite contributes to the maxillary sinus floor elevation? A randomized clinical trial. Clinical Oral Investigations, 2019, 23, 369-379.	1.4	20
31	Initial parameters for the assessment of osteoblast differentiation through alkaline phosphatase for biomaterial testing. International Journal of Growth Factors and Stem Cells in Dentistry, 2019, 2, 37.	0.6	0
32	Teaching Cell Biology to Dental Students with a Project-Based Learning Approach. Journal of Dental Education, 2018, 82, 322-331.	0.7	21
33	The <i>in vitro</i> release of cytokines and growth factors from fibrin membranes produced through horizontal centrifugation. Journal of Biomedical Materials Research - Part A, 2018, 106, 1373-1380.	2.1	36
34	Association between genetic polymorphisms in DEFB1 and microRNA202 with caries in two groups of Brazilian children. Archives of Oral Biology, 2018, 92, 1-7.	0.8	8
35	Brazil Starts to Ban Animal Use in Higher Education: A Positive and Progressive Development. ATLA Alternatives To Laboratory Animals, 2018, 46, 235-239.	0.7	4
36	In Vitro Analysis of the Cytotoxicity of Indirect Restorative Materials. Brazilian Dental Journal, 2018, 29, 507-512.	0.5	3

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37	A Proof of the Low Speed Centrifugation Concept in Rodents: New Perspectives for <i>In Vivo</i> Research. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 659-670.	1.1	19
38	Comparison of primary human gingival fibroblasts from an older and a young donor on the evaluation of cytotoxicity of denture adhesives. <i>Journal of Applied Oral Science</i> , 2018, 26, e20160594.	0.7	23
39	The use of platelet-rich fibrin as a hemostatic material in oral soft tissues. <i>Oral and Maxillofacial Surgery</i> , 2018, 22, 329-333.	0.6	20
40	In Vitro and In Vivo Biocompatibility Of ReOss® in Powder and Putty Configurations. <i>Brazilian Dental Journal</i> , 2018, 29, 117-127.	0.5	1
41	Métodos alternativos para a detecção de pirógenos em produtos e ambientes sujeitos a Vigilância Sanitária: avanços e perspectivas no Brasil a partir do reconhecimento internacional do Teste de Ativação de Monócitos. <i>Vigilância Sanitária Em Debate: Sociedade, Ciência & Tecnologia</i> , 2018, 6, 137.	0.3	3
42	Genetic Polymorphisms in DEFB1 and miRNA202 Are Involved in Salivary Human Î²-Defensin 1 Levels and Caries Experience in Children. <i>Caries Research</i> , 2017, 51, 209-215.	0.9	21
43	Assessment of predictivity of volatile organic compounds carcinogenicity and mutagenicity by freeware in silico models. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 1-8.	1.3	16
44	Salivary protein polymorphisms and risk of dental caries: a systematic review. <i>Brazilian Oral Research</i> , 2017, 31, e41.	0.6	28
45	Biodentine™ is cytocompatible with human primary osteoblasts. <i>Brazilian Oral Research</i> , 2017, 31, e81.	0.6	6
46	On the Journey toward Humane Education in Brazil: First Request for a Total Ban of Harmful Animal Use in Professional and Higher Education. <i>ATLA Alternatives To Laboratory Animals</i> , 2017, 45, 287-293.	0.7	5
47	Cytocompatibility of a self-adhesive gutta-percha root-filling material. <i>Journal of Conservative Dentistry</i> , 2017, 20, 152.	0.3	1
48	Cytotoxicity Evaluation of Two Bis-Acrylic Composite Resins Using Human Gingival Fibroblasts. <i>Brazilian Dental Journal</i> , 2016, 27, 492-496.	0.5	9
49	Evaluation of Inflammatory Response to Endodontic Sealers in a Bone Defect Animal Model. <i>Journal of Contemporary Dental Practice</i> , 2016, 17, 536-541.	0.2	7
50	Evaluation of Inflammatory Response to Endodontic Sealers in a Bone Defect Animal Model. <i>Journal of Contemporary Dental Practice</i> , 2016, 17, 536-41.	0.2	3
51	Genetic influences on dental enamel that impact caries differ between the primary and permanent dentitions. <i>European Journal of Oral Sciences</i> , 2015, 123, 327-334.	0.7	33
52	Humane Education in Brazil: Organisation, Challenges and Opportunities. <i>ATLA Alternatives To Laboratory Animals</i> , 2015, 43, 337-344.	0.7	6
53	Cytocompatibility and biocompatibility of nanostructured carbonated hydroxyapatite spheres for bone repair. <i>Journal of Applied Oral Science</i> , 2015, 23, 599-608.	0.7	37
54	A 3D Osteoblast In Vitro Model for the Evaluation of Biomedical Materials. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-8.	1.0	12

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55	&i>BMP2&i>&b> Is Associated with Caries Experience in Primary Teeth. Caries Research, 2015, 49, 425-433.	0.9	9
56	The Use of DNA Extraction for Molecular Biology and Biotechnology Training: A Practical and Alternative Approach. Creative Education, 2015, 06, 762-772.	0.2	8
57	Nanometer Scale Titanium Surface Texturing Are Detected by Signaling Pathways Involving Transient FAK and Src Activations. PLoS ONE, 2014, 9, e95662.	1.1	34
58	Multiparametric <i>In Vitro</i> Evaluation of Cytocompatibility of 1% Strontium-Containing Nanostructured Hydroxyapatite. Key Engineering Materials, 2014, 631, 345-350.	0.4	0
59	Mechanical properties and <i>in vitro</i> characterization of polyvinyl alcohol-nano-silver hydrogel wound dressings. Interface Focus, 2014, 4, 20130049.	1.5	91
60	Bone Morphogenetic Proteins: Structure, biological function and therapeutic applications. Archives of Biochemistry and Biophysics, 2014, 561, 64-73.	1.4	146
61	The impact of the RGD peptide on osteoblast adhesion and spreading on zinc-substituted hydroxyapatite surface. Journal of Materials Science: Materials in Medicine, 2013, 24, 1271-1283.	1.7	21
62	Magnesium incorporation into β -TCP reduced its in vivo resorption by decreasing parathormone production. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1986-1993.	2.1	10
63	Synthesis and cytotoxicity evaluation of granular magnesium substituted β -tricalcium phosphate. Journal of Applied Oral Science, 2013, 21, 37-42.	0.7	51
64	Cytocompatibility of Porous Biphasic Calcium Phosphate Granules With Human Mesenchymal Cells by a Multiparametric Assay. Artificial Organs, 2012, 36, 535-542.	1.0	17
65	Effect of time of extraction on the biocompatibility of endodontic sealers with primary human fibroblasts. Brazilian Oral Research, 2012, 26, 424-430.	0.6	17
66	Short-Term Response of Human Osteoblast-Like Cells on Titanium Surfaces With Micro- and Nano-Sized Features. Scanning, 2012, 34, 378-386.	0.7	8
67	A multiparametric assay to compare the cytotoxicity of endodontic sealers with primary human osteoblasts. International Endodontic Journal, 2012, 45, 12-18.	2.3	74
68	Cytocompatibility of the ready-to-use bioceramic putty repair cement iRoot BP Plus with primary human osteoblasts. International Endodontic Journal, 2012, 45, 508-513.	2.3	84
69	The association of human primary bone cells with biphasic calcium phosphate (β -TCP/HA 70:30) granules increases bone repair. Journal of Materials Science: Materials in Medicine, 2012, 23, 781-788.	1.7	33
70	Adsorption of chlorhexidine on synthetic hydroxyapatite and in vitro biological activity. Colloids and Surfaces B: Biointerfaces, 2011, 87, 310-318.	2.5	31
71	Understanding the impact of divalent cation substitution on hydroxyapatite: An <i>in vitro</i> multiparametric study on biocompatibility. Journal of Biomedical Materials Research - Part A, 2011, 98A, 351-358.	2.1	70
72	Intracellular signal transduction as a factor in the development of "Smart" biomaterials for bone tissue engineering. Biotechnology and Bioengineering, 2011, 108, 1246-1250.	1.7	43

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73	Methodological Implications on Quantitative Studies of Cytocompatibility in Direct Contact with Bioceramic Surfaces. <i>Key Engineering Materials</i> , 2011, 493-494, 325-330.	0.4	2
74	Bone Remodeling, Biomaterials And Technological Applications: Revisiting Basic Concepts. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2011, 02, 318-328.	1.0	22
75	Osseinduction Evaluation of Hydroxyapatite and Zinc Containing Hydroxyapatite Granules in Rabbits. <i>Key Engineering Materials</i> , 2011, 493-494, 252-257.	0.4	1
76	Evaluation of the in vivo biocompatibility of hydroxyapatite granules incorporated with zinc ions. <i>Materials Research</i> , 2010, 13, 563-568.	0.6	18
77	Optimal Cytocompatibility of a Bioceramic Nanoparticulate Cement in Primary Human Mesenchymal Cells. <i>Journal of Endodontics</i> , 2009, 35, 1387-1390.	1.4	142
78	Discovering the cell: an educational game about cell and molecular biology. <i>Journal of Biological Education</i> , 2008, 43, 27-36.	0.8	26
79	Allosteric regulation of 6-phosphofructo-1-kinase activity of fat body and flight muscle from the bloodsucking bug <i>Rhodnius prolixus</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2007, 79, 53-62.	0.3	4
80	Introducing DNA concepts to Swiss high school students based on a Brazilian educational game. <i>Biochemistry and Molecular Biology Education</i> , 2007, 35, 416-421.	0.5	10
81	Effects of insulin and actin on phosphofructokinase activity and cellular distribution in skeletal muscle. <i>Anais Da Academia Brasileira De Ciencias</i> , 2004, 76, 541-548.	0.3	25
82	Epinephrine modulates cellular distribution of muscle phosphofructokinase. <i>Molecular Genetics and Metabolism</i> , 2003, 78, 302-306.	0.5	38
83	A radioassay for phosphofructokinase-1 activity in cell extracts and purified enzyme. <i>Journal of Proteomics</i> , 2002, 50, 129-140.	2.4	46
84	p-Nitrophenylphosphatase Activity Catalyzed by Plasma Membrane (Ca ²⁺ Mg ²⁺)ATPase: Correlation with Structural Changes Modulated by Glycerol and Ca ²⁺ . <i>Bioscience Reports</i> , 2001, 21, 25-32.	1.1	15
85	Evaluation of Cytocompatibility of Bioglass-Niobium Granules with Human Primary Osteoblasts: A Multiparametric Approach. <i>Key Engineering Materials</i> , 0, 493-494, 37-42.	0.4	6
86	Cytocompatibility and Structural Arrangement of the Collagen Fibers: An <i>In Vitro</i> and <i>In Vivo</i> Evaluation of 5% Zinc Containing Hydroxyapatite Granules. <i>Key Engineering Materials</i> , 0, 493-494, 298-303.	0.4	1
87	Stability of the Magnesium Carbonate Apatite/Anionic Collagen Scaffolds: Effect of the Cross-Link Concentration. <i>Key Engineering Materials</i> , 0, 493-494, 844-848.	0.4	1
88	<i>In Vivo</i> and <i>In Vitro</i> Biocompatibility Study of Nanostructured Carbonate-Apatite. <i>Key Engineering Materials</i> , 0, 493-494, 247-251.	0.4	2
89	Biocompatibility of Carbonated Hydroxyapatite Nanoparticles with Different Crystallinities. <i>Key Engineering Materials</i> , 0, 493-494, 331-336.	0.4	3
90	Evaluation of Commercial Latex as a Positive Control for <i>In Vitro</i> Testing of Bioceramics. <i>Key Engineering Materials</i> , 0, 631, 357-362.	0.4	9