

Raquel M Scarel-Caminaga

List of Publications by Year in descending order

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96
papers

2,662
citations

147801

31
h-index

214800

47
g-index

97
all docs

97
docs citations

97
times ranked

3293
citing authors

#	ARTICLE	IF	CITATIONS
1	Genes expressed in dental enamel development are associated with molar-incisor hypomineralization. Archives of Oral Biology, 2013, 58, 1434-1442.	1.8	152
2	Polymorphism at position 174 of IL-6 gene is associated with susceptibility to chronic periodontitis in a Caucasian Brazilian population. Journal of Clinical Periodontology, 2003, 30, 438-442.	4.9	124
3	Interleukin 10 gene promoter polymorphisms are associated with chronic periodontitis. Journal of Clinical Periodontology, 2004, 31, 443-448.	4.9	111
4	Polymorphisms in the Vitamin D Receptor Gene Are Associated With Periodontal Disease. Journal of Periodontology, 2004, 75, 1090-1095.	3.4	93
5	MMP-1 promoter polymorphism: association with chronic periodontitis severity in a Brazilian population. Journal of Clinical Periodontology, 2003, 30, 154-158.	4.9	90
6	Investigation of an IL-2 polymorphism in patients with different levels of chronic periodontitis. Journal of Clinical Periodontology, 2002, 29, 587-591.	4.9	78
7	Association between interleukin-8 levels and chronic periodontal disease. Medicine (United States), 2017, 96, e6932.	1.0	78
8	Characterization and in vitro evaluation of bacterial cellulose membranes functionalized with osteogenic growth peptide for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2012, 23, 2253-2266.	3.6	72
9	Serum lipid levels in patients with periodontal disease: A meta-analysis and meta-regression. Journal of Clinical Periodontology, 2017, 44, 1192-1207.	4.9	70
10	Absence of mutations in the homeodomain of the MSX1 gene in patients with hypodontia. American Journal of Medical Genetics Part A, 2000, 92, 346-349.	2.4	66
11	Family-Based Genetic Association for Molar-Incisor Hypomineralization. Caries Research, 2016, 50, 310-318.	2.0	65
12	Nanocellulose-collagen-apatite composite associated with osteogenic growth peptide for bone regeneration. International Journal of Biological Macromolecules, 2017, 103, 467-476.	7.5	64
13	Diabetes and increased lipid peroxidation are associated with systemic inflammation even in well-controlled patients. Journal of Diabetes and Its Complications, 2016, 30, 1593-1599.	2.3	63
14	Analysis of the MMP-9 (C-1562 T) and TIMP-2 (G-418C) gene promoter polymorphisms in patients with chronic periodontitis. Journal of Clinical Periodontology, 2005, 32, 207-211.	4.9	60
15	Long-term evaluation of oral gavage with periodontopathogens or ligature induction of experimental periodontal disease in mice. Clinical Oral Investigations, 2016, 20, 1203-1216.	3.0	58
16	Bacterial cellulose-hydroxyapatite composites with osteogenic growth peptide (OGP) or pentapeptide OGP on bone regeneration in critical-size calvarial defect model. Journal of Biomedical Materials Research - Part A, 2015, 103, 3397-3406.	4.0	57
17	Association of IL1 gene polymorphisms with chronic periodontitis in Brazilians. Archives of Oral Biology, 2011, 56, 54-62.	1.8	55
18	Role of Osteogenic Growth Peptide (OGP) and OGP(10-14) in Bone Regeneration: A Review. International Journal of Molecular Sciences, 2016, 17, 1885.	4.1	52

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19	Investigation of IL4 gene polymorphism in individuals with different levels of chronic periodontitis in a Brazilian population. <i>Journal of Clinical Periodontology</i> , 2003, 30, 341-345.	4.9	50
20	Genes Regulating Immune Response and Amelogenesis Interact in Increasing the Susceptibility to Molar-Incisor Hypomineralization. <i>Caries Research</i> , 2019, 53, 217-227.	2.0	50
21	Inhibition of human pulpal gelatinases (MMP-2 and MMP-9) by zinc oxide cements. <i>Journal of Oral Rehabilitation</i> , 2004, 31, 660-664.	3.0	45
22	Haplotypes in the Interleukin 8 Gene and Their Association with Chronic Periodontitis Susceptibility. <i>Biochemical Genetics</i> , 2011, 49, 292-302.	1.7	45
23	Polymorphisms and Haplotypes in the <i>Interleukin-4</i> Gene are Associated With Chronic Periodontitis in a Brazilian Population. <i>Journal of Periodontology</i> , 2010, 81, 392-402.	3.4	39
24	Association between PAX-9 promoter polymorphisms and hypodontia in humans. <i>Archives of Oral Biology</i> , 2005, 50, 861-871.	1.8	38
25	Evaluation of the relationship between interleukin-1 gene cluster polymorphisms and early implant failure in non-smoking patients. <i>Clinical Oral Implants Research</i> , 2005, 16, 194-201.	4.5	37
26	Bacterial cellulose membrane functionalized with hydroxiapatite and anti-bone morphogenetic protein 2: A promising material for bone regeneration. <i>PLoS ONE</i> , 2019, 14, e0221286.	2.5	36
27	Quantitation of malondialdehyde in gingival crevicular fluid by a high-performance liquid chromatography-based method. <i>Analytical Biochemistry</i> , 2012, 423, 141-146.	2.4	35
28	Investigation of the functional role of human Interleukin-8 gene haplotypes by CRISPR/Cas9 mediated genome editing. <i>Scientific Reports</i> , 2016, 6, 31180.	3.3	35
29	Analysis of the TGF- β 1 promoter polymorphism (C \rightarrow T) in patients with chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2003, 30, 519-523.	4.9	33
30	Interleukin-2 and Interleukin-6 Gene Promoter Polymorphisms, and Early Failure of Dental Implants. <i>Implant Dentistry</i> , 2005, 14, 391-398.	1.3	33
31	Lack of Association of a Functional Polymorphism in the Interleukin 8 Gene with Susceptibility to Periodontitis. <i>DNA and Cell Biology</i> , 2009, 28, 185-190.	1.9	33
32	Early Failure of Dental Implants and TNF- α (G-308A) Gene Polymorphism. <i>Implant Dentistry</i> , 2004, 13, 95-101.	1.3	32
33	Elevated micronucleus frequency in patients with type 2 diabetes, dyslipidemia and periodontitis. <i>Mutagenesis</i> , 2014, 29, 433-439.	2.6	31
34	Regenerated cellulose scaffolds: Preparation, characterization and toxicological evaluation. <i>Carbohydrate Polymers</i> , 2016, 136, 892-898.	10.2	29
35	Expression of interferon- γ , interferon- α and related genes in individuals with Down syndrome and periodontitis. <i>Cytokine</i> , 2012, 60, 875-881.	3.2	27
36	Association of haplotypes in the IL8 gene with susceptibility to chronic periodontitis in a Brazilian population. <i>Clinica Chimica Acta</i> , 2010, 411, 1264-1268.	1.1	26

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37	Immiscible poly(lactic acid)/poly(ϵ -caprolactone) for temporary implants: Compatibility and cytotoxicity. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 68, 155-162.	3.1	26
38	Toxicity of therapeutic contact lenses based on bacterial cellulose with coatings to provide transparency. <i>Contact Lens and Anterior Eye</i> , 2019, 42, 512-519.	1.7	25
39	A new locus for autosomal dominant amelogenesis imperfecta on chromosome 8q24.3. <i>Human Genetics</i> , 2006, 120, 653-662.	3.8	24
40	Expression of the Interleukin-10 Signaling Pathway Genes in Individuals With Down Syndrome and Periodontitis. <i>Journal of Periodontology</i> , 2012, 83, 926-935.	3.4	23
41	Circulating lymphocytes and monocytes transcriptomic analysis of patients with type 2 diabetes mellitus, dyslipidemia and periodontitis. <i>Scientific Reports</i> , 2020, 10, 8145.	3.3	23
42	Surface physical chemistry properties in coated bacterial cellulose membranes with calcium phosphate. <i>Materials Science and Engineering C</i> , 2017, 75, 1359-1365.	7.3	22
43	Frequencies of the ϵ 330 (T \rightarrow G) IL-2 and ϵ 590 (T \rightarrow C) IL-4 gene polymorphisms in a population from southeastern Brazil. <i>International Journal of Immunogenetics</i> , 2002, 29, 293-296.	1.2	21
44	Genetic association study between Interleukin 10 gene and dental implant loss. <i>Archives of Oral Biology</i> , 2012, 57, 1256-1263.	1.8	18
45	Silk fibroin/hydroxyapatite composite membranes: Production, characterization and toxicity evaluation. <i>Toxicology in Vitro</i> , 2020, 62, 104670.	2.4	17
46	Haplotypes of susceptibility to chronic periodontitis in the Interleukin 8 gene do not influence protein level in the gingival crevicular fluid. <i>Archives of Oral Biology</i> , 2012, 57, 1355-1361.	1.8	16
47	Analysis of polymorphisms in Interleukin 10, NOS2A, and ESR2 genes in chronic and aggressive periodontitis. <i>Brazilian Oral Research</i> , 2016, 30, e105.	1.4	16
48	Analysis of the Transforming Growth Factor- β 1 Gene Promoter Polymorphisms in Early Osseointegrated Implant Failure. <i>Implant Dentistry</i> , 2004, 13, 262-269.	1.3	15
49	Epigenetic reprogramming in periodontal disease: Dynamic crosstalk with potential impact in oncogenesis. <i>Periodontology 2000</i> , 2020, 82, 157-172.	13.4	15
50	Genetic polymorphisms in the <i>Interleukins IL1B, IL4,</i> and <i>IL6</i> are associated with concomitant periodontitis and type 2 diabetes mellitus in Brazilian patients. <i>Journal of Periodontal Research</i> , 2020, 55, 918-930.	2.7	15
51	Periodontopathogens levels and clinical response to periodontal therapy in individuals with the interleukin-4 haplotype associated with susceptibility to chronic periodontitis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 1501-1509.	2.9	14
52	Functionality and opposite roles of two interleukin 4 haplotypes in immune cells. <i>Genes and Immunity</i> , 2017, 18, 33-41.	4.1	14
53	Association of Haplotypes in the <i>CXCR2</i> Gene with Periodontitis in a Brazilian Population. <i>DNA and Cell Biology</i> , 2010, 29, 191-200.	1.9	13
54	The effect of conventional mechanical periodontal treatment on red complex microorganisms and clinical parameters in Down syndrome periodontitis patients: a pilot study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 601-608.	2.9	13

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55	Inducible Nitric Oxide Synthase Polymorphisms and Nitric Oxide Levels in Individuals with Chronic Periodontitis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1128.	4.1	13
56	Association of Interleukin 4 Gene Polymorphisms With Dental Implant Loss. <i>Implant Dentistry</i> , 2014, Publish Ahead of Print, 723-31.	1.3	12
57	Reduced salivary flow rate and high levels of oxidative stress in whole saliva of children with Down syndrome. <i>Special Care in Dentistry</i> , 2017, 37, 269-276.	0.8	12
58	Association between IL8 haplotypes and pathogen levels in chronic periodontitis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 1333-1340.	2.9	11
59	Systemic expression of genes related to inflammation and lipid metabolism in patients with dyslipidemia, type 2 diabetes mellitus and chronic periodontitis. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 2715-2722.	3.6	11
60	Periodontal status of individuals with Down syndrome: sociodemographic, behavioural and family perception influence. <i>Journal of Intellectual Disability Research</i> , 2019, 63, 1181-1192.	2.0	11
61	Functional haplotype in the Interleukin8 (CXCL8) gene is associated with type 2 Diabetes Mellitus and Periodontitis in Brazilian population. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1665-1672.	3.6	11
62	Systematic review of ratios between disease /health periodontitis modulators and meta-analysis of their levels in gingival tissue and biological fluids. <i>Archives of Oral Biology</i> , 2021, 127, 105147.	1.8	11
63	Pathogen levels and clinical response to periodontal treatment in patients with Interleukin 8 haplotypes. <i>Pathogens and Disease</i> , 2013, 69, n/a-n/a.	2.0	10
64	Inheritance pattern of molar-incisor hypomineralization. <i>Brazilian Oral Research</i> , 2021, 35, e035.	1.4	10
65	A Novel PCR-RFLP Assay for the Detection of the Single Nucleotide Polymorphism at Position +1440 in the Human CXCR2 gene. <i>Biochemical Genetics</i> , 2007, 45, 737-741.	1.7	9
66	Variation in the CXCR1 gene (IL8RA) is not associated with susceptibility to chronic periodontitis. <i>Journal of Negative Results in BioMedicine</i> , 2011, 10, 14.	1.4	9
67	Interleukin 4 haplotypes of susceptibility to chronic periodontitis are associated with IL-4 protein levels but not with clinical outcomes of periodontal therapy. <i>Human Immunology</i> , 2013, 74, 1688-1695.	2.4	9
68	Quality of life in patients with Charcot-Marie-Tooth disease type 1A. <i>Arquivos De Neuro-Psiquiatria</i> , 2013, 71, 392-396.	0.8	9
69	Dyslipidemia rather than Type 2 Diabetes Mellitus or Chronic Periodontitis Affects the Systemic Expression of Pro- and Anti-Inflammatory Genes. <i>Mediators of Inflammation</i> , 2017, 2017, 1-14.	3.0	9
70	Comparison Between the Polymerase Chain Reaction-Based Screening and the Southern Blot Methods for Identification of Fragile X Syndrome. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 1303-1308.	0.7	8
71	Clinical outcomes of periodontal therapy are not influenced by the ATC/TTC haplotype in the IL8 gene. <i>Journal of Periodontal Research</i> , 2014, 49, 489-498.	2.7	8
72	Expression Profile of Genes Potentially Associated with Adequate Glycemic Control in Patients with Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-9.	2.3	8

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73	Functionality of the Interleukin 8 haplotypes in lymphocytes and macrophages in response to gram-negative periodontopathogens. <i>Gene</i> , 2019, 689, 152-160.	2.2	8
74	Validation in a Brazilian population of gene markers of periodontitis previously investigated by GWAS and bioinformatic studies. <i>Journal of Periodontology</i> , 2021, 92, 689-703.	3.4	8
75	Functional Haplotypes in Interleukin 4 Gene Associated with Periodontitis. <i>PLoS ONE</i> , 2017, 12, e0169870.	2.5	8
76	Polymorphisms in Genes of Lipid Metabolism Are Associated with Type 2 Diabetes Mellitus and Periodontitis, as Comorbidities, and with the Subjects'™ Periodontal, Glycemic, and Lipid Profiles. <i>Journal of Diabetes Research</i> , 2021, 2021, 1-21.	2.3	8
77	Injectable β -TCP/MCPM cement associated with mesoporous silica for bone regeneration: characterization and toxicity evaluation. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 025023.	3.3	7
78	Using association rule mining to jointly detect clinical features and differentially expressed genes related to chronic inflammatory diseases. <i>PLoS ONE</i> , 2020, 15, e0240269.	2.5	7
79	Multifunctional EuYVO 4 nanoparticles coated with mesoporous silica. <i>Journal of Luminescence</i> , 2016, 179, 197-202.	3.1	6
80	Association of type 2 diabetes mellitus and periodontal disease susceptibility with genome-wide association-identified risk variants in a Southeastern Brazilian population. <i>Clinical Oral Investigations</i> , 2021, 25, 3873-3892.	3.0	6
81	Bacterial Cellulose Membranes as a Potential Drug Delivery System for Photodynamic Therapy of Skin Cancer. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	5
82	Absolute quantification of <i>Aggregatibacter actinomycetemcomitans</i> in patients carrying haplotypes associated with susceptibility to chronic periodontitis: multifaceted evaluation with periodontitis covariants. <i>Pathogens and Disease</i> , 2017, 75, .	2.0	5
83	Photobiomodulation of gingival lesions resulting from autoimmune diseases: systematic review and meta-analysis. <i>Clinical Oral Investigations</i> , 2022, 26, 3949-3964.	3.0	5
84	In Vitro Evaluation of Acellular Collagen Matrices Derived from Porcine Pericardium: Influence of the Sterilization Method on Its Biological Properties. <i>Materials</i> , 2021, 14, 6255.	2.9	4
85	BONEFILL Â® block as alternative for bone substitute: a toxicological evaluation. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	2
86	The ATC/TTC haplotype in the Interleukin 8 gene in response to Gram-negative bacteria: A pilot study. <i>Archives of Oral Biology</i> , 2019, 107, 104508.	1.8	2
87	Polymorphism in the tumor necrosis factor-alpha gene (TNFA -308 G/A) is not associated with susceptibility to chronic periodontitis in a Brazilian population. <i>Dentistry 3000</i> , 2015, 3, 47-52.	0.2	2
88	Absence of association between transforming growth factor-beta1 promoter polymorphisms and hypodontia. <i>Angle Orthodontist</i> , 2004, 74, 665-71.	2.4	2
89	Dentinogenesis imperfecta type II: approach for dental treatment. <i>Universidade Estadual Paulista Revista De Odontologia</i> , 2012, 41, 433-437.	0.3	1
90	Upconversion 3D Printed Composite with Multifunctional Applications for Tissue Engineering and Photodynamic Therapy. <i>Journal of the Brazilian Chemical Society</i> , 2020, , .	0.6	1

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91	Polymorphisms and haplotypes in the Interleukin 17 Alfa gene: potential effect of smoking habits in the association with periodontitis and type 2 diabetes mellitus. <i>Molecular Biology Reports</i> , 2021, 48, 1103-1114.	2.3	1
92	Analysis of GLT6D1 and CDKN2BAS gene polymorphisms in Brazilian patients with advanced periodontitis. <i>Brazilian Oral Research</i> , 0, 36, .	1.4	1
93	Title is missing!., 2020, 15, e0240269.		0
94	Title is missing!., 2020, 15, e0240269.		0
95	Title is missing!., 2020, 15, e0240269.		0
96	Title is missing!., 2020, 15, e0240269.		0