

Sergio Roberto Peres Line

List of Publications by Year in descending order

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128
papers

3,769
citations

126708

33
h-index

149479

56
g-index

130
all docs

130
docs citations

130
times ranked

4440
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the Influence of Physicochemical and Biochemical Property Indexes on Selection for Amino Acids Usage in Eukaryotic Cells. <i>Journal of Molecular Evolution</i> , 2021, 89, 257-268.	0.8	0
2	Ancient enamel peptides recovered from the South American Pleistocene species <i>Notiomastodon platensis</i> and <i>Myocastor cf. coypus</i> . <i>Journal of Proteomics</i> , 2021, 240, 104187.	1.2	10
3	Current use of effect size or confidence interval analyses in clinical and biomedical research. <i>Scientometrics</i> , 2021, 126, 9133-9145.	1.6	4
4	Folding Stability of Pax9 Intronic G-Quadruplex Correlates with Relative Molar Size in Eutherians. <i>Molecular Biology and Evolution</i> , 2021, 38, 1860-1873.	3.5	1
5	DNA G-Quadruplex stability, position and chromatin accessibility are associated with CpG island methylation. <i>FEBS Journal</i> , 2020, 287, 483-495.	2.2	37
6	Interactions between superoxide dismutase and paraoxonase polymorphic variants in nonsyndromic cleft lip with or without cleft palate in the Brazilian population. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 185-196.	0.9	6
7	Type 1 diabetes mellitus effects on dental enamel formation revealed by microscopy and microanalysis. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 306-313.	1.4	3
8	Digital enhancement of dental enamel microstructure images from intact teeth. <i>Microscopy Research and Technique</i> , 2018, 81, 1036-1041.	1.2	2
9	Structural Analysis of Enamel in Teeth from Head-and-Neck Cancer Patients Who Underwent Radiotherapy. <i>Caries Research</i> , 2017, 51, 119-128.	0.9	32
10	Optimizing the analysis of dental enamel microstructure in intact teeth. <i>Microscopy Research and Technique</i> , 2017, 80, 693-696.	1.2	3
11	Children with a Higher Activity of Carbonic Anhydrase VI in Saliva Are More Likely to Develop Dental Caries. <i>Caries Research</i> , 2017, 51, 394-401.	0.9	16
12	Effects of Pamidronate on Dental Enamel Formation Assessed by Light Microscopy, Energy-Dispersive X-Ray Analysis, Scanning Electron Microscopy, and Microhardness Testing. <i>Microscopy and Microanalysis</i> , 2016, 22, 640-648.	0.2	1
13	The identification of peptides by nanoLC-MS/MS from human surface tooth enamel following a simple acid etch extraction. <i>RSC Advances</i> , 2016, 6, 61673-61679.	1.7	36
14	Bisphosphonates: Pharmacokinetics, bioavailability, mechanisms of action, clinical applications in children, and effects on tooth development. <i>Environmental Toxicology and Pharmacology</i> , 2016, 42, 212-217.	2.0	45
15	Pre-neoplastic epigenetic disruption of transcriptional enhancers in chronic inflammation. <i>Oncotarget</i> , 2016, 7, 15772-15786.	0.8	23
16	G-quadruplex formation enhances splicing efficiency of PAX9 intron 1. <i>Human Genetics</i> , 2015, 134, 37-44.	1.8	50
17	HaCaT anchorage blockade leads to oxidative stress, DNA damage and DNA methylation changes. <i>Biochemistry and Biophysics Reports</i> , 2015, 2, 94-102.	0.7	5
18	MTHFR rs2274976 polymorphism is a risk marker for nonsyndromic cleft lip with or without cleft palate in the Brazilian population. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 30-35.	1.6	16

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19	High-throughput DNA analysis shows the importance of methylation in the control of immune inflammatory gene transcription in chronic periodontitis. <i>Clinical Epigenetics</i> , 2014, 6, 15.	1.8	28
20	Parathyroid Hormone (1-34) Modulates Odontoblast Proliferation and Apoptosis via PKA and PKC-Dependent Pathways. <i>Calcified Tissue International</i> , 2014, 95, 275-281.	1.5	7
21	Ionizing radiation effects on the secretory-stage ameloblasts and enamel organic extracellular matrix. <i>Radiation and Environmental Biophysics</i> , 2014, 53, 589-598.	0.6	3
22	Large scale statistical analysis of genome data with Ruby and R: skipping interface libraries. <i>EMBnet Journal</i> , 2014, 20, .	0.2	2
23	Translational signatures and mRNA levels are highly correlated in human stably expressed genes. <i>BMC Genomics</i> , 2013, 14, 268.	1.2	6
24	<i>Porphyromonas gingivalis</i> LPS stimulation downregulates DNMT1, DNMT3a, and JMJD3 gene expression levels in human HaCaT keratinocytes. <i>Clinical Oral Investigations</i> , 2013, 17, 1279-1285.	1.4	39
25	Evaluation of Gelatinases, Tissue Inhibitor of Matrix Metalloproteinase-2, and Myeloperoxidase Protein in Healthy and Inflamed Human Dental Pulp Tissue. <i>Journal of Endodontics</i> , 2013, 39, 879-882.	1.4	27
26	In situ study of the gelatinase activity in demineralized dentin from rat molar teeth. <i>Acta Histochemica</i> , 2013, 115, 245-251.	0.9	16
27	Evaluation of the effects of transient or continuous PTH administration to odontoblast-like cells. <i>Archives of Oral Biology</i> , 2013, 58, 638-645.	0.8	6
28	Genetic analysis of the IL8 gene polymorphism (rs4073) in generalized aggressive periodontitis. <i>Archives of Oral Biology</i> , 2013, 58, 211-217.	0.8	25
29	Effect of Genetic Polymorphisms in <i>CA6</i> Gene on the Expression and Catalytic Activity of Human Salivary Carbonic Anhydrase VI. <i>Caries Research</i> , 2013, 47, 414-420.	0.9	24
30	The Role of Modularity in the Evolution of Primate Postcanine Dental Formula: Integrating Jaw Space With Patterns of Dentition. <i>Anatomical Record</i> , 2013, 296, 622-629.	0.8	7
31	Relationship among Salivary Carbonic Anhydrase VI Activity and Flow Rate, Biofilm pH and Caries in Primary Dentition. <i>Caries Research</i> , 2012, 46, 194-200.	0.9	33
32	A feasibility study for the analysis of reparative dentinogenesis in pOBCol3.6GFPTpz transgenic mice. <i>International Endodontic Journal</i> , 2012, 45, 907-914.	2.3	12
33	Short-term PTH administration increases dentine apposition and microhardness in mice. <i>Archives of Oral Biology</i> , 2012, 57, 1313-1319.	0.8	8
34	Analysis of the Contribution of Nonresident Progenitor Cells and Hematopoietic Cells to Reparative Dentinogenesis Using Parabiosis Model in Mice. <i>Journal of Endodontics</i> , 2012, 38, 1214-1219.	1.4	18
35	Addition of zinc methacrylate in dental polymers: MMP-2 inhibition and ultimate tensile strength evaluation. <i>Clinical Oral Investigations</i> , 2012, 16, 531-536.	1.4	25
36	Interleukin-8 Gene Promoter Polymorphism (rs4073) May Contribute to Chronic Periodontitis. <i>Journal of Periodontology</i> , 2011, 82, 893-899.	1.7	53

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37	A study in situ of the effect of metallo- and serine proteinase inhibitors on the birefringence of the secretory stage enamel organic extracellular matrix. <i>Biotechnic and Histochemistry</i> , 2011, 86, 108-114.	0.7	0
38	Effects of Reducing Agents on Birefringence Dentin Collagen after Use of Different Endodontic Auxiliary Chemical Substances. <i>Journal of Endodontics</i> , 2011, 37, 1406-1411.	1.4	13
39	<i>TLR2</i> and <i>TLR4</i> gene promoter methylation status during chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2011, 38, 975-983.	2.3	50
40	Association of matrix metalloproteinase gene polymorphism with temporomandibular joint degeneration. <i>European Journal of Oral Sciences</i> , 2011, 119, 1-6.	0.7	33
41	Association of IL1 gene polymorphisms with chronic periodontitis in Brazilians. <i>Archives of Oral Biology</i> , 2011, 56, 54-62.	0.8	55
42	Inhibition of the activity of matrix metalloproteinase 2 by triethylene glycol dimethacrylate. <i>Clinical Oral Investigations</i> , 2011, 15, 643-648.	1.4	8
43	Fluoride effect on the secretory-stage enamel organic extracellular matrix of mice. <i>Connective Tissue Research</i> , 2011, 52, 212-217.	1.1	1
44	Transcriptional activity analysis of promoter region of human <i>PAX9</i> gene under dexamethasone, retinoic acid, and ergocalciferol treatment in MCF7 and MDPC23. <i>Cell Biochemistry and Function</i> , 2010, 28, 555-564.	1.4	4
45	Transcriptional analysis of the human PAX9 promoter. <i>Journal of Applied Oral Science</i> , 2010, 18, 482-486.	0.7	3
46	Birefringence of the Secretory-Stage Enamel Organic Extracellular Matrix from Rats Submitted to Successive Injections of Bisphosphonates. <i>Connective Tissue Research</i> , 2010, 51, 208-215.	1.1	6
47	DNA Methylation Status of the <i>IL8</i> Gene Promoter in Aggressive Periodontitis. <i>Journal of Periodontology</i> , 2010, 81, 1336-1341.	1.7	57
48	Association of polymorphisms in the carbonic anhydrase 6 gene with salivary buffer capacity, dental plaque pH, and caries index in children aged 7-9 years. <i>Pharmacogenomics Journal</i> , 2010, 10, 114-119.	0.9	59
49	Enamel mineralization in the absence of maturation stage ameloblasts. <i>Archives of Oral Biology</i> , 2009, 54, 313-321.	0.8	17
50	2-Hydroxyethyl methacrylate as an inhibitor of matrix metalloproteinase-2. <i>European Journal of Oral Sciences</i> , 2009, 117, 64-67.	0.7	30
51	DNA methylation status of the <i>IL8</i> gene promoter in oral cells of smokers and non-smokers with chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2009, 36, 719-725.	2.3	72
52	Structural Analysis of Bovine Root Dentin after Use of Different Endodontics Auxiliary Chemical Substances. <i>Journal of Endodontics</i> , 2009, 35, 1023-1027.	1.4	87
53	Estrogen Receptor-1 Polymorphisms and Predisposition to TMJ Disorder. <i>Journal of Pain</i> , 2009, 10, 527-533.	0.7	94
54	Extraction of genomic DNA from paraffin-embedded tissue sections of human fetuses fixed and stored in formalin for long periods. <i>Pathology Research and Practice</i> , 2008, 204, 633-636.	1.0	28

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55	Analysis of magnetic resonance imaging characteristics and pain in temporomandibular joints with and without degenerative changes of the condyle. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2008, 37, 529-534.	0.7	95
56	Histologic and histomorphometric analysis of posterior region of the human temporomandibular disc. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008, 105, e6-e11.	1.6	4
57	Novel mutations in the IRF6 gene in Brazilian families with Van der Woude syndrome. <i>International Journal of Molecular Medicine</i> , 2008, 22, 507-11.	1.8	8
58	Amelogenin- and Enamelysin (Mmp-20)-Deficient Mice Display Altered Birefringence in the Secretary-Stage Enamel Organic Extracellular Matrix. <i>Connective Tissue Research</i> , 2007, 48, 39-45.	1.1	14
59	A simple and cost-effective protocol for DNA isolation from buccal epithelial cells. <i>Brazilian Dental Journal</i> , 2007, 18, 148-152.	0.5	208
60	Prenatal and neonatal variables associated with enamel hypoplasia in deciduous teeth in low birth weight preterm infants. <i>Journal of Applied Oral Science</i> , 2007, 15, 518-523.	0.7	39
61	Association between polymorphism in the promoter region (G/C-915) of PAX9 gene and third molar agenesis. <i>Journal of Applied Oral Science</i> , 2007, 15, 382-386.	0.7	18
62	Exclusion of known gene for enamel development in two Brazilian families with amelogenesis imperfecta. <i>Head & Face Medicine</i> , 2007, 3, 8.	0.8	21
63	Genetic polymorphisms in the MMP-1 and MMP-3 gene may contribute to chronic periodontitis in a Brazilian population. <i>Journal of Clinical Periodontology</i> , 2006, 33, 699-703.	2.3	60
64	Comparison of three methods for enamel protein extraction in different developmental phases of rat lower incisors. <i>European Journal of Oral Sciences</i> , 2006, 114, 272-275.	0.7	11
65	Anisotropic properties of the enamel organic extracellular matrix. <i>European Journal of Oral Sciences</i> , 2006, 114, 333-337.	0.7	15
66	A new locus for autosomal dominant amelogenesis imperfecta on chromosome 8q24.3. <i>Human Genetics</i> , 2006, 120, 653-662.	1.8	24
67	Suggestive Associations Between Polymorphisms in PAX9, MSX1 Genes and Third Molar Agensis in Humans. <i>Current Genomics</i> , 2006, 7, 191-196.	0.7	4
68	Automated biometrics-based personal identification of the Hunter-Schreger bands of dental enamel. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1155-1158.	1.2	20
69	Interleukin-2 and Interleukin-6 Gene Promoter Polymorphisms, and Early Failure of Dental Implants. <i>Implant Dentistry</i> , 2005, 14, 391-398.	1.7	33
70	Enamel structure of paleocene mammals of the São José de Itaboraí-basin, Brazil. <i>Condylarthra</i> TM , Liopterna, Notoungulata, Xenungulata, and Astrapotheria. <i>Journal of Vertebrate Paleontology</i> , 2005, 25, 924-928.	0.4	17
71	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.	1.9	37
72	Analysis of the MMP-9 (C-1562 T) and TIMP-2 (G-418C) gene promoter polymorphisms in patients with chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2005, 32, 207-211.	2.3	60

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73	Association between PAX-9 promoter polymorphisms and hypodontia in humans. Archives of Oral Biology, 2005, 50, 861-871.	0.8	38
74	Analysis of MMP-9 and TIMP-2 gene promoter polymorphisms in individuals with hypodontia. Brazilian Dental Journal, 2005, 16, 231-236.	0.5	10
75	The genetics of amelogenesis imperfecta: a review of the literature. Journal of Applied Oral Science, 2005, 13, 212-217.	0.7	20
76	Inhibition of human pulpal gelatinases (MMP-2 and MMP-9) by zinc oxide cements. Journal of Oral Rehabilitation, 2004, 31, 660-664.	1.3	45
77	Interleukin 10 gene promoter polymorphisms are associated with chronic periodontitis. Journal of Clinical Periodontology, 2004, 31, 443-448.	2.3	111
78	Analysis of the Transforming Growth Factor- β 1 Gene Promoter Polymorphisms in Early Osseointegrated Implant Failure. Implant Dentistry, 2004, 13, 262-269.	1.7	15
79	Early Failure of Dental Implants and TNF- α (G-308A) Gene Polymorphism. Implant Dentistry, 2004, 13, 95-101.	1.7	32
80	Analysis of MMP-1 and MMP-9 promoter polymorphisms in early osseointegrated implant failure. International Journal of Oral and Maxillofacial Implants, 2004, 19, 38-43.	0.6	24
81	Comparison of microtensile bond strength to enamel and dentin of human, bovine, and porcine teeth. Journal of Adhesive Dentistry, 2004, 6, 117-21.	0.3	93
82	Absence of association between transforming growth factor-beta1 promoter polymorphisms and hypodontia. Angle Orthodontist, 2004, 74, 665-71.	1.1	2
83	Investigation of IL4 gene polymorphism in individuals with different levels of chronic periodontitis in a Brazilian population. Journal of Clinical Periodontology, 2003, 30, 341-345.	2.3	50
84	Analysis of the TGF- β 1 promoter polymorphism (C \rightarrow T) in patients with chronic periodontitis. Journal of Clinical Periodontology, 2003, 30, 519-523.	2.3	33
85	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.	2.3	124
86	MMP-1 promoter polymorphism: association with chronic periodontitis severity in a Brazilian population. Journal of Clinical Periodontology, 2003, 30, 154-158.	2.3	90
87	Variation of tooth number in mammalian dentition: connecting genetics, development, and evolution. Evolution & Development, 2003, 5, 295-304.	1.1	65
88	Expression and Activity of Matrix Metalloproteinase-2 (MMP-2) in the development of rat first molar tooth germ. Brazilian Dental Journal, 2002, 13, 97-102.	0.5	6
89	Alveolar bone remodelling pattern of the rat incisor under different functional conditions as shown by minocycline administration. Archives of Oral Biology, 2002, 47, 203-209.	0.8	14
90	Frequencies of the -330 (T \rightarrow A) IL-2 and -590 (T \rightarrow A) IL-4 gene polymorphisms in a population from south-eastern Brazil. International Journal of Immunogenetics, 2002, 29, 293-296.	1.2	21

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91	Clinical, genetic and microbiological findings in a Brazilian family with aggressive periodontitis. <i>Journal of Clinical Periodontology</i> , 2002, 29, 233-239.	2.3	39
92	Investigation of an IL-2 polymorphism in patients with different levels of chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2002, 29, 587-591.	2.3	78
93	Effect of lead on dental enamel formation. <i>Toxicology</i> , 2002, 175, 27-34.	2.0	47
94	A comparative analysis of the structure of the dentinoenamel junction in mammals.. <i>Journal of Oral Science</i> , 2001, 43, 277-281.	0.7	9
95	Inhibition of human gelatinases (matrix metalloproteinase-2 and matrix metalloproteinase-9) activity by zinc oxide: a possible mechanism to enhance wound healing.. <i>British Journal of Dermatology</i> , 2001, 145, 854-855.	1.4	13
96	Inhibition of human gelatinases by metals released from dental amalgam. <i>Biomaterials</i> , 2001, 22, 2025-2030.	5.7	32
97	Clinical and microbiological evaluation of ligature-induced peri-implantitis and periodontitis in dogs. <i>Clinical Oral Implants Research</i> , 2001, 12, 295-300.	1.9	32
98	Molecular Morphogenetic Fields in the Development of Human Dentition. <i>Journal of Theoretical Biology</i> , 2001, 211, 67-75.	0.8	27
99	Molecular strategies in the evolution of mammalian dental patterning. <i>Evolutionary Ecology</i> , 2001, 15, 73-79.	0.5	6
100	Absence of mutations in the homeodomain of the MSX1 gene in patients with hypodontia. <i>American Journal of Medical Genetics Part A</i> , 2000, 92, 346-349.	2.4	66
101	Letter to the editor. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 51, 540-540.	3.0	1
102	Fluoride effect on the activity of enamel matrix proteinases in vitro. <i>European Journal of Oral Sciences</i> , 2000, 108, 48-53.	0.7	23
103	Effect of lead, cadmium and zinc on the activity of enamel matrix proteinases in vitro. <i>European Journal of Oral Sciences</i> , 2000, 108, 327-334.	0.7	33
104	Inhibition of human gingival gelatinases (MMP-2 and MMP-9) by metal salts. <i>Dental Materials</i> , 2000, 16, 103-108.	1.6	122
105	Incremental markings of enamel in ectothermal vertebrates. <i>Archives of Oral Biology</i> , 2000, 45, 363-368.	0.8	10
106	The effect of lead on the eruption rates of incisor teeth in rats. <i>Archives of Oral Biology</i> , 2000, 45, 951-955.	0.8	21
107	Immunochemical analysis of laminin during postnatal development of the rat submandibular gland. <i>Acta Histochemica</i> , 1999, 101, 185-191.	0.9	1
108	Análise bioquímica das metaloproteases da matriz extracelular durante atrofia experimental das glândulas salivares submandibulares em ratos. <i>Revista De Odontologia Da Universidade De Sao Paulo</i> , 1999, 13, 135-139.	0.0	0

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109	Novel mutations in the IRF6 gene in Brazilian families with Van der Woude syndrome. International Journal of Molecular Medicine, 1998, 22, 507.	1.8	3
110	Immunohistochemical and biochemical analysis of laminin in neonatal rat first molars.. The Journal of Nihon University School of Dentistry, 1997, 39, 176-181.	0.1	2
111	HIV prevalence in dental outpatients in Brazil. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1997, 84, 365-367.	1.6	3
112	Pulpal lesions in normal and cyclosporin A treated rats. Journal of Endodontics, 1997, 23, 52-53.	1.4	1
113	Immunochemical analysis of laminin in duct-ligated submandibular glands of rats. Journal of Oral Pathology and Medicine, 1997, 26, 451-453.	1.4	8
114	Expression of collagen and elastic fibers in duct-ligated submandibular glands of mice. European Journal of Oral Sciences, 1996, 104, 627-629.	0.7	6
115	BASEMENT MEMBRANE ASSOCIATED CHANGES IN THE RAT VENTRAL PROSTATE FOLLOWING CASTRATION. Cell Biology International, 1996, 20, 809-819.	1.4	45
116	Use of TCA as a decalcifying agent for laminin immunohistochemistry. Calcified Tissue International, 1995, 57, 306-306.	1.5	5
117	Laminin and collagen IV distribution and ultrastructure of the basement membrane of the gingiva of the rat incisor. Journal of Periodontal Research, 1995, 30, 349-354.	1.4	11
118	Immunochemical characterization and distribution of laminin in the rat tongue. Acta Histochemica, 1995, 97, 307-312.	0.9	5
119	Letter to the editor. Community Dentistry and Oral Epidemiology, 1994, 22, 467-467.	0.9	0
120	Mouse cartilage matrix deficiency (cmd) caused by a 7 bp deletion in the aggrecan gene. Nature Genetics, 1994, 7, 154-157.	9.4	242
121	MOLECULAR BIOLOGY OF CARTILAGE MATRIX. , 1993, , 539-555.		4
122	Purification of the Neurite Outgrowth Promoting Fragment of Mouse Laminin. Preparative Biochemistry and Biotechnology, 1992, 22, 229-237.	0.4	0
123	Characterization of the promoter for the rat and human link protein gene. Nucleic Acids Research, 1991, 19, 1933-1939.	6.5	19
124	A murine nephritogenic monoclonal anti-DNA autoantibody binds directly to mouse laminin, the major non-collagenous protein component of the glomerular basement membrane. European Journal of Immunology, 1989, 19, 137-143.	1.6	105
125	Diversity of collagen expression in the pleomorphic adenoma of the parotid gland. Virchows Archiv A, Pathological Anatomy and Histopathology, 1989, 414, 477-483.	1.4	17
126	A note on the histochemical and morphological characterization of the asbestoid degeneration of cartilage. Histochemistry, 1988, 88, 411-413.	1.9	5

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127	The use of tissue conditioner or zinc oxide and eugenol impression paste in the excision of epulis fissurata.. The Journal of Nihon University School of Dentistry, 1987, 29, 87-92.	0.1	1
128	Desenvolvimento de modelo de predição da proporção de molares em herbívoros: influência de medidas maxilares no tamanho dos dentes molares. , 0, , .		0