

Ariane Berdal

List of Publications by Year in descending order

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163
papers

5,517
citations

70961

41
h-index

114278

63
g-index

175
all docs

175
docs citations

175
times ranked

5731
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodentine Induces Immortalized Murine Pulp Cell Differentiation into Odontoblast-like Cells and Stimulates Biomineralization. <i>Journal of Endodontics</i> , 2012, 38, 1220-1226.	1.4	230
2	The use of mineral trioxide aggregate in one-visit apexification treatment: a prospective study. <i>International Endodontic Journal</i> , 2007, 40, 186-197.	2.3	229
3	Investigation of osteocalcin, osteonectin, and dentin sialophosphoprotein in developing human teeth. <i>Bone</i> , 2002, 30, 377-385.	1.4	170
4	The genetic basis of inherited anomalies of the teeth. <i>European Journal of Medical Genetics</i> , 2008, 51, 273-291.	0.7	157
5	Effects of strontium-doped bioactive glass on the differentiation of cultured osteogenic cells. , 2011, 21, 130-143.		154
6	Endogenous Msx1 antisense transcript: In vivo and in vitro evidences, structure, and potential involvement in skeleton development in mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 7336-7341.	3.3	111
7	Enamel Defects Reflect Perinatal Exposure to Bisphenol A. <i>American Journal of Pathology</i> , 2013, 183, 108-118.	1.9	106
8	Expression of amelogenin in odontoblasts. <i>Bone</i> , 2003, 32, 228-240.	1.4	105
9	A targeted next-generation sequencing assay for the molecular diagnosis of genetic disorders with orodental involvement. <i>Journal of Medical Genetics</i> , 2016, 53, 98-110.	1.5	100
10	Isolated dentinogenesis imperfecta and dentin dysplasia: revision of the classification. <i>European Journal of Human Genetics</i> , 2015, 23, 445-451.	1.4	90
11	Molecular characterization of young and mature odontoblasts. <i>Bone</i> , 2009, 45, 693-703.	1.4	89
12	The MAP Kinase Pathway Is Involved in Odontoblast Stimulation via p38 Phosphorylation. <i>Journal of Endodontics</i> , 2010, 36, 256-259.	1.4	86
13	Nephrocalcinosis (Enamel Renal Syndrome) Caused by Autosomal Recessive FAM20A Mutations. <i>Nephron Physiology</i> , 2013, 122, 1-6.	1.5	84
14	Early Dental Epithelial Transcription Factors Distinguish Ameloblastoma from Keratocystic Odontogenic Tumor. <i>Journal of Dental Research</i> , 2015, 94, 101-111.	2.5	82
15	Potential of biomimetic surfaces to promote in vitro osteoblast-like cell differentiation. <i>Biomaterials</i> , 2005, 26, 839-848.	5.7	79
16	The genetic basis of inherited anomalies of the teeth. Part 2: Syndromes with significant dental involvement. <i>European Journal of Medical Genetics</i> , 2008, 51, 383-408.	0.7	78
17	Tissue-engineered ligament: implant constructs for tooth replacement. <i>Journal of Clinical Periodontology</i> , 2010, 37, 750-758.	2.3	78
18	Dentin sialoprotein (DSP) transcripts: developmentally-sustained expression in odontoblasts and transient expression in pre-ameloblasts. <i>European Journal of Oral Sciences</i> , 1997, 105, 405-413.	0.7	77

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19	<i>Msx2</i> ^{-/-} transgenic mice develop compound amelogenesis imperfecta, dentinogenesis imperfecta and periodontal osteopetrosis. <i>Bone</i> , 2007, 41, 851-859.	1.4	75
20	Dentin-Pulp Complex Regeneration. <i>Advances in Dental Research</i> , 2011, 23, 340-345.	3.6	75
21	Cell- and Stage-Specific Expression of Vitamin D Receptor and Calbindin Genes in Rat Incisor: Regulation by 1,25-Dihydroxyvitamin D ₃ . <i>Developmental Biology</i> , 1993, 155, 172-179.	0.9	74
22	Natural antisense transcripts: sound or silence?. <i>Physiological Genomics</i> , 2005, 23, 125-131.	1.0	72
23	Neural Crest Deletion of <i>Dlx3</i> Leads to Major Dentin Defects through Down-regulation of <i>Dspp</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 12230-12240.	1.6	63
24	Pathognomonic oral profile of Enamel Renal Syndrome (ERS) caused by recessive <i>FAM20A</i> mutations. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 84.	1.2	63
25	Aberrant Gene Expression in Epithelial Cells of Mixed Odontogenic Tumors. <i>Journal of Dental Research</i> , 1999, 78, 20-30.	2.5	61
26	Evaluation of a new laboratory model for pulp healing: preliminary study. <i>International Endodontic Journal</i> , 2008, 41, 781-790.	2.3	58
27	Expression pattern of <i>Dlx3</i> during cell differentiation in mineralized tissues. <i>Bone</i> , 2005, 37, 799-809.	1.4	56
28	Cloning, characterization and immunolocalization of human ameloblastin. <i>European Journal of Oral Sciences</i> , 2000, 108, 303-310.	0.7	53
29	Physiological implications of <i>DLX</i> homeoproteins in enamel formation. <i>Journal of Cellular Physiology</i> , 2008, 216, 688-697.	2.0	52
30	Insulin-Like Growth Factor Binding Protein (IGFBP-1) Involvement in Intrauterine Growth Retardation: Study on IGFBP-1 Overexpressing Transgenic Mice. <i>Endocrinology</i> , 2006, 147, 4730-4737.	1.4	51
31	Expression and regulation of the <i>Msx1</i> natural antisense transcript during development. <i>Nucleic Acids Research</i> , 2005, 33, 5208-5218.	6.5	50
32	Claudin-16 Deficiency Impairs Tight Junction Function in Ameloblasts, Leading to Abnormal Enamel Formation. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 498-513.	3.1	50
33	Patterns of Dental Agenesis Highlight the Nature of the Causative Mutated Genes. <i>Journal of Dental Research</i> , 2018, 97, 1306-1316.	2.5	48
34	Epithelial <i>Dlx-2</i> Homeogene Expression and Cementogenesis. <i>Journal of Histochemistry and Cytochemistry</i> , 2000, 48, 277-283.	1.3	47
35	Bone resorption control of tooth eruption and root morphogenesis: Involvement of the receptor activator of NF- κ B (RANK). <i>Journal of Cellular Physiology</i> , 2011, 226, 74-85.	2.0	46
36	Regenerative Endodontics: Regeneration or Repair?. <i>Journal of Endodontics</i> , 2014, 40, S70-S75.	1.4	46

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37	Msx1 role in craniofacial bone morphogenesis. <i>Bone</i> , 2014, 66, 96-104.	1.4	46
38	Fluoride at non-toxic dose affects odontoblast gene expression in vitro. <i>Toxicology</i> , 2008, 249, 26-34.	2.0	45
39	Amelogenesis imperfecta in familial hypomagnesaemia and hypercalciuria with nephrocalcinosis caused by <i>CLDN19</i> gene mutations. <i>Journal of Medical Genetics</i> , 2017, 54, 26-37.	1.5	45
40	In vitro effects of two silicate-based materials, Biodentine and BioRoot RCS, on dental pulp stem cells in models of reactionary and reparative dentinogenesis. <i>PLoS ONE</i> , 2018, 13, e0190014.	1.1	45
41	Differential Expression and Activity of Tissue-nonspecific Alkaline Phosphatase (TNAP) in Rat Odontogenic Cells In Vivo. <i>Journal of Histochemistry and Cytochemistry</i> , 1999, 47, 1541-1552.	1.3	44
42	Histology and microradiography of early post-natal molar tooth development in vitamin-D deficient rats. <i>Archives of Oral Biology</i> , 1987, 32, 493-498.	0.8	43
43	Altered desmoplakin expression at transcriptional and protein levels provides prognostic information in human oropharyngeal cancer. <i>Human Pathology</i> , 2009, 40, 1320-1329.	1.1	43
44	Elements of morphology: Standard terminology for the teeth and classifying genetic dental disorders. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1913-1981.	0.7	41
45	Calbindin-D9k and calbindin-D28k expression in rat mineralized tissues in vivo. <i>Journal of Bone and Mineral Research</i> , 1996, 11, 768-779.	3.1	40
46	RANKL Induces Organized Lymph Node Growth by Stromal Cell Proliferation. <i>Journal of Immunology</i> , 2012, 188, 1245-1254.	0.4	40
47	Clinical study evaluating the effect of bevacizumab on the severity of zoledronic acid-related osteonecrosis of the jaw in cancer patients. <i>Bone</i> , 2014, 58, 103-107.	1.4	39
48	Comparative Physicochemical Analysis of Pulp Stone and Dentin. <i>Journal of Endodontics</i> , 2016, 42, 432-438.	1.4	39
49	Differential expression of calbindin-D 28 kDa in rat incisor ameloblasts throughout enamel development. <i>The Anatomical Record</i> , 1991, 230, 149-163.	2.3	38
50	Postnatal Msx1 expression pattern in craniofacial, axial, and appendicular skeleton of transgenic mice from the first week until the second year. <i>Developmental Dynamics</i> , 2001, 221, 1-13.	0.8	38
51	RGTA11, a New Healing Agent, Triggers Developmental Events during Healing of Craniotomy Defects in Adult Rats. <i>Growth Factors</i> , 1998, 16, 23-38.	0.5	37
52	Enamel Protein Regulation and Dental and Periodontal Physiopathology in Msx2 Mutant Mice. <i>American Journal of Pathology</i> , 2010, 177, 2516-2526.	1.9	37
53	Estrogen and Bisphenol A Affect Male Rat Enamel Formation and Promote Ameloblast Proliferation. <i>Endocrinology</i> , 2014, 155, 3365-3375.	1.4	36
54	The Calcineurin Inhibitor Tacrolimus as a New Therapy in Severe Cherubism. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 878-885.	3.1	36

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55	Expression of a 1,25-Dihydroxyvitamin D3 Membrane-Associated Rapid-Response Steroid Binding Protein During Human Tooth and Bone Development and Biomineralization. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 1588-1596.	3.1	35
56	Comparative Study of MSX-2, DLX-5, and DLX-7 Gene Expression during Early Human Tooth Development. <i>Pediatric Research</i> , 1999, 46, 650-650.	1.1	35
57	Biomineralization, Life-Time of Odontogenic Cells and Differential Expression of the Two Homeobox Genes MSX-1 and DLX-2 in Transgenic Mice. <i>Journal of Bone and Mineral Research</i> , 2010, 15, 430-441.	3.1	33
58	RANK/RANKL/OPG Signalization Implication in Periodontitis: New Evidence from a RANK Transgenic Mouse Model. <i>Frontiers in Physiology</i> , 2017, 8, 338.	1.3	33
59	Immunolocalization of Vitamin D Receptor and Calbindin-D28k in Human Tooth Germ. <i>Pediatric Research</i> , 1996, 39, 636-642.	1.1	32
60	Chronic Exposure to Bisphenol A Exacerbates Dental Fluorosis in Growing Rats. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1955-1966.	3.1	31
61	EGF Receptor Expression in Mineralized Tissues: An <i>In Situ</i> Hybridization and Immunocytochemical Investigation in Rat and Human Mandibles. <i>Connective Tissue Research</i> , 1995, 32, 47-53.	1.1	30
62	Cross-Talk Between Msx/Dlx Homeobox Genes and Vitamin D During Tooth Mineralization. <i>Connective Tissue Research</i> , 2002, 43, 509-514.	1.1	30
63	The modulation of tissue-specific gene expression in rat nasal chondrocyte cultures by bioactive glasses. <i>Biomaterials</i> , 2004, 25, 5621-5630.	5.7	30
64	<i>In Situ</i> Hybridization of Calbindin-D 28 k Transcripts in Undecalcified Sections of the Rat Continuously Erupting Incisor. <i>Connective Tissue Research</i> , 1995, 32, 137-143.	1.1	29
65	Skeletal consequences of RANKL-blocking antibody (IK22-5) injections during growth: Mouse strain disparities and synergic effect with zoledronic acid. <i>Bone</i> , 2015, 73, 51-59.	1.4	29
66	MSX2 in ameloblast cell fate and activity. <i>Frontiers in Physiology</i> , 2014, 5, 510.	1.3	28
67	Evidence for regulation of amelogenin gene expression by 1,25-dihydroxyvitamin D3 in vivo. , 2000, 76, 194-205.		27
68	Involvement of neural crest and paraxial mesoderm in oral mucosal development and healing. <i>Biomaterials</i> , 2018, 172, 41-53.	5.7	27
69	Effects of 58S sol-gel glasses on the temporal expression of bone markers during mouse osteoblastic differentiation. <i>Journal of Biomedical Materials Research - Part A</i> , 2006, 76A, 811-819.	2.1	26
70	Physiopathology of Dental Rickets in Vitamin D Receptor-ablated Mice. <i>Journal of Dental Research</i> , 2010, 89, 1427-1432.	2.5	26
71	Msx and Dlx Homeogene Expression in Epithelial Odontogenic Tumors. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 69-78.	1.3	25
72	The pulp healing process: from generation to regeneration. <i>Endodontic Topics</i> , 2012, 26, 41-56.	0.5	24

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73	Osteonecrosis of the Jaw and Nonmalignant Disease: Is There an Association with Rheumatoid Arthritis?. <i>Journal of Rheumatology</i> , 2013, 40, 781-786.	1.0	24
74	Differential Epithelial and Mesenchymal Regulation of Tooth-Specific Matrix Proteins Expression by 1,25-Dihydroxyvitamin D 3 In Vivo. <i>Connective Tissue Research</i> , 2002, 43, 372-375.	1.1	23
75	Dental alveolar bone defects related to Vitamin D and calcium status. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 615-618.	1.2	23
76	Msx1 Expression Regulation by Its Own Antisense RNA: Consequence on Tooth Development and Bone Regeneration. <i>Cells Tissues Organs</i> , 2009, 189, 115-121.	1.3	23
77	Formation of Cartilage and Synovial Tissue by Human Gingival Stem Cells. <i>Stem Cells and Development</i> , 2014, 23, 2895-2907.	1.1	23
78	Tracking Endogenous Amelogenin and Ameloblastin In Vivo. <i>PLoS ONE</i> , 2014, 9, e99626.	1.1	23
79	Expression of DLX5 during human embryonic craniofacial development. <i>Mechanisms of Development</i> , 1999, 81, 183-186.	1.7	22
80	Increased vitamin D-driven signalling and expression of the vitamin D receptor, MSX2, and RANKL in tooth resorption in cats. <i>European Journal of Oral Sciences</i> , 2010, 118, 39-46.	0.7	22
81	Wnt/ β -catenin signaling and Msx1 promote outgrowth of the maxillary prominences. <i>Frontiers in Physiology</i> , 2012, 3, 375.	1.3	22
82	Androgen Receptor Involvement in Rat Amelogenesis: An Additional Way for Endocrine-Disrupting Chemicals to Affect Enamel Synthesis. <i>Endocrinology</i> , 2016, 157, 4287-4296.	1.4	22
83	A treatment algorithm for adult ameloblastomas according to the Pitiá-Salpãre Hospital experience. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2009, 37, 363-369.	0.7	21
84	<i>In vivo</i> impact of Dlx3 conditional inactivation in neural crest-derived craniofacial bones. <i>Journal of Cellular Physiology</i> , 2013, 228, 654-664.	2.0	21
85	Expression of Steroid Receptors in Ameloblasts during Amelogenesis in Rat Incisors. <i>Frontiers in Physiology</i> , 2016, 7, 503.	1.3	21
86	Sclerostin Deficiency Promotes Reparative Dentinogenesis. <i>Journal of Dental Research</i> , 2017, 96, 815-821.	2.5	21
87	Disruption of Steroid Axis, a New Paradigm for Molar Incisor Hypomineralization (MIH). <i>Frontiers in Physiology</i> , 2017, 8, 343.	1.3	21
88	Calbindin-D9K immunolocalization and vitamin D-dependence in the bone of growing and adult rats. <i>Histochemistry</i> , 1989, 92, 359-365.	1.9	20
89	Asporin and the Mineralization Process in Fluoride-Treated Rats. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 1446-1455.	3.1	20
90	Subcellular co-localization and co-variations of two vitamin D-dependent proteins in rat ameloblasts. <i>Archives of Oral Biology</i> , 1991, 36, 715-725.	0.8	19

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91	Enamel hypomineralization due to endocrine disruptors. <i>Connective Tissue Research</i> , 2014, 55, 43-47.	1.1	19
92	Altered plakoglobin expression at mRNA and protein levels correlates with clinical outcome in patients with oropharynx squamous carcinomas. <i>Human Pathology</i> , 2004, 35, 75-85.	1.1	18
93	Oral phenotype and scoring of vascular Ehlers-Danlos syndrome: a case-control study. <i>BMJ Open</i> , 2012, 2, e000705.	0.8	18
94	Developmental pattern and subcellular localization of parvalbumin in the rat tooth germ. <i>Archives of Oral Biology</i> , 1993, 38, 707-715.	0.8	17
95	Differential Impact of Msx1 and Msx2 Homeogenes on Mouse Maxillofacial Skeleton. <i>Cells Tissues Organs</i> , 2009, 189, 126-132.	1.3	17
96	Bone-like tissue formation on a biomimetic titanium surface in an explant model of osteoconduction. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 89A, 585-593.	2.1	17
97	Platelet-poor plasma stimulates the proliferation but inhibits the differentiation of rat osteoblastic cells <i>in vitro</i> . <i>Clinical Oral Implants Research</i> , 2009, 20, 616-623.	1.9	17
98	Dlx homeobox gene family expression in osteoclasts. <i>Journal of Cellular Physiology</i> , 2010, 223, 779-787.	2.0	17
99	Immunological characterization, developmental pattern and vitamin-D-dependency of calbindin D-28 K in rat teeth ameloblasts. <i>Differentiation</i> , 1989, 40, 27-35.	1.0	16
100	Autoregulatory loop of Msx1 expression involving its antisense transcripts. <i>Journal of Cellular Physiology</i> , 2009, 220, 303-310.	2.0	16
101	Oral health related quality of life of children and adolescents affected by rare orofacial diseases: a questionnaire-based cohort study. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 124.	1.2	16
102	Chondrogenic differentiation during midfacial development in the mouse: in vivo and in vitro studies. <i>Biology of the Cell</i> , 2003, 95, 75-86.	0.7	15
103	Distorted Patterns of Dentinogenesis and Eruption in Msx2 Null Mutants. <i>American Journal of Pathology</i> , 2016, 186, 2577-2587.	1.9	15
104	Amelogenesis imperfecta: therapeutic strategy from primary to permanent dentition across case reports. <i>BMC Oral Health</i> , 2018, 18, 108.	0.8	15
105	Dento-alveolar Bone Complex and Vitamin D. , 2005, , 599-607.		14
106	Vitamin D and tissue non-specific alkaline phosphatase in dental cells. <i>European Journal of Oral Sciences</i> , 2006, 114, 178-182.	0.7	14
107	On the biocompatibility of a novel Ti-based amorphous composite: structural characterization and in-vitro osteoblasts response. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 1861-1869.	1.7	14
108	Aberrant β -Catenin and Lef1 Expression May Predict the Clinical Outcome for Patients with Oropharyngeal Cancer. <i>International Journal of Immunopathology and Pharmacology</i> , 2012, 25, 135-146.	1.0	14

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109	Validation of Housekeeping Genes to Study Human Gingival Stem Cells and Their In Vitro Osteogenic Differentiation Using Real-Time RT-qPCR. <i>Stem Cells International</i> , 2016, 2016, 1-17.	1.2	14
110	Defining a new aggressiveness classification and using NFATc1 localization as a prognostic factor in cherubism. <i>Human Pathology</i> , 2016, 58, 62-71.	1.1	14
111	Molecular and cellular characterizations of human cherubism: disease aggressiveness depends on osteoclast differentiation. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 166.	1.2	14
112	Cephalometric assessment of craniofacial dysmorphologies in relation with Msx2 mutations in mouse. <i>Orthodontics and Craniofacial Research</i> , 2014, 17, 92-105.	1.2	13
113	FAM20A Gene Mutation: Amelogenesis or Ectopic Mineralization?. <i>Frontiers in Physiology</i> , 2017, 8, 267.	1.3	13
114	Modulation of 1,25-dihydroxyvitamin D3-membrane associated, rapid response steroid binding protein expression in mouse odontoblasts by 1,25-(OH)2D3. <i>Journal of Cellular Biochemistry</i> , 2005, 94, 139-152.	1.2	12
115	Physicochemical analysis of human pulpal mineralization secondary to FAM20A mutations. <i>Connective Tissue Research</i> , 2018, 59, 46-51.	1.1	12
116	Calbindins D-9kda and-28kda and Enamel Secretion in Vitamin D-Deficient and Control Rats. <i>Connective Tissue Research</i> , 1989, 22, 791-797.	1.1	11
117	Role of RANKL (TNFSF11)-Dependent Osteopetrosis in the Dental Phenotype of Msx2 Null Mutant Mice. <i>PLoS ONE</i> , 2013, 8, e80054.	1.1	11
118	Specificity of paediatric jawbone lesions: Tumours and pseudotumours. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 125-131.	0.7	11
119	Enamel Research: Priorities and Future Directions. <i>Frontiers in Physiology</i> , 2017, 8, 513.	1.3	11
120	Osteoblast Precursors at Different Anatomic Sites. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2003, 13, 16.	0.4	11
121	The Biomimetics of Bone: Engineered Glass-Ceramics a Paradigm for In Vitro Biomineralization Studies. <i>Connective Tissue Research</i> , 2002, 43, 524-528.	1.1	10
122	Regulation by glucocorticoids of cell differentiation and insulin-like growth factor binding protein production in cultured fetal rat nasal chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 911-922.	1.2	10
123	Sodium fluoride influences the expression of keratins in cultured keratinocytes. <i>Cell Biology and Toxicology</i> , 2011, 27, 69-81.	2.4	10
124	Osteoclasts in the Dental Microenvironment: A Delicate Balance Controls Dental Histogenesis. <i>Cells Tissues Organs</i> , 2011, 194, 238-243.	1.3	10
125	The Effect of Etidronate on the Periodontium of Ovariectomized Rats. <i>Journal of Periodontology</i> , 2012, 83, 1063-1068.	1.7	10
126	Translation and validation of the French version of the Child Perceptions Questionnaire for children aged from 8 to 10 years old (CPQ 8-10). <i>Health and Quality of Life Outcomes</i> , 2018, 16, 86.	1.0	10

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127	Effects of High-Temperature-Pressure Polymerized Resin-Infiltrated Ceramic Networks on Oral Stem Cells. PLoS ONE, 2016, 11, e0155450.	1.1	10
128	Tooth structure studied using the atomic force microscope. , 1993, 1855, 17.		9
129	Transcriptional Regulation of Msx1 Natural Antisense Transcript. Cells Tissues Organs, 2011, 194, 151-155.	1.3	9
130	Ameloblastin as a putative marker of specific bone compartments. Connective Tissue Research, 2014, 55, 117-120.	1.1	9
131	Respective role of membrane and nuclear estrogen receptor (ER) α in the mandible of growing mice: Implications for ER α modulation. Journal of Bone and Mineral Research, 2018, 33, 1520-1531.	3.1	9
132	Parental Caregivers Perceptions Questionnaire (P-CPQ): translation and evaluation of psychometric properties of the French version of the questionnaire. BMC Oral Health, 2018, 18, 211.	0.8	9
133	Preface to the proceedings of the 12th international conference on the chemistry and biology of mineralized tissues. Connective Tissue Research, 2018, 59, 1-5.	1.1	9
134	Lack of FAM20A, Ectopic Gingival Mineralization and Chondro/Osteogenic Modifications in Enamel Renal Syndrome. Frontiers in Cell and Developmental Biology, 2020, 8, 605084.	1.8	9
135	Does Vitamin D play a role on Msx1 homeoprotein expression involving an endogenous antisense mRNA?. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 413-417.	1.2	8
136	Ultrastructural and immunocytochemical characterization of immortalized odontoblast MO6-G3. International Endodontic Journal, 2006, 39, 453-463.	2.3	8
137	Regulation of Calbindin-D _{28k} Expression by Msx2 in the Dental Epithelium. Journal of Histochemistry and Cytochemistry, 2012, 60, 603-610.	1.3	8
138	Experimental periodontitis in <i>Msx2</i> mutant mice induces alveolar bone necrosis. Journal of Periodontology, 2020, 91, 693-704.	1.7	8
139	Putative Membrane Receptor for 1,25(OH) ₂ Vitamin D ₃ in Human Mineralized Tissues During Prenatal Development. Connective Tissue Research, 2003, 44, 136-140.	1.1	7
140	Nasal inverted papilloma expresses the muscle segment homeobox gene Msx2: possible prognostic implications. Human Pathology, 2008, 39, 350-358.	1.1	7
141	PTCH1 mutation and local aggressiveness of odontogenic keratocystic tumors in children: is there a relationship?. Human Pathology, 2013, 44, 1071-1078.	1.1	7
142	Micro-dissection of Enamel Organ from Mandibular Incisor of Rats Exposed to Environmental Toxicants. Journal of Visualized Experiments, 2018, , .	0.2	7
143	Mineral studies in enamel, an exemplary model system at the interface between physics, chemistry and medical sciences. Comptes Rendus Chimie, 2016, 19, 1656-1664.	0.2	6
144	Trauma and Dentinogenesis: A Case Report. Journal of Endodontics, 2010, 36, 342-344.	1.4	5

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145	Management of rare diseases of the Head, Neck and Teeth: results of a French population-based prospective 8-year study. Orphanet Journal of Rare Diseases, 2017, 12, 94.	1.2	5
146	Origins of Alterations to Rankl Null Mutant Mouse Dental Root Development. International Journal of Molecular Sciences, 2020, 21, 2201.	1.8	4
147	Efficient isolation of human gingival stem cells in a new serum-free medium supplemented with platelet lysate and growth hormone for osteogenic differentiation enhancement. Stem Cell Research and Therapy, 2022, 13, 125.	2.4	4
148	Use of Dental Defects Associated with Low-Dose di(2-Ethylhexyl)Phthalate as an Early Marker of Exposure to Environmental Toxicants. Environmental Health Perspectives, 2022, 130, .	2.8	4
149	Endocrinopathies and craniofacial dysmorphia: what can the orthodontist learn?. International Orthodontics, 2006, 4, 229-240.	0.6	3
150	Primary Retention of Molars and RANKL Signaling Alteration during Craniofacial Growth. Journal of Clinical Medicine, 2020, 9, 898.	1.0	3
151	Caracterizaci3n fenot3pica del s3ndrome amelog3nesis imperfecta "nefrocalcinosis: una revisi3n. Duazary, 2019, 16, 129.	0.0	3
152	Production and significance of CCAAT enhancer binding proteins alpha and beta in sinonasal inverted papilloma. Histology and Histopathology, 2013, 28, 53-60.	0.5	3
153	Cherubism as a systemic skeletal disease: evidence from an aggressive case. BMC Musculoskeletal Disorders, 2020, 21, 564.	0.8	2
154	Pathogenesis of Enamel-Renal Syndrome Associated Gingival Fibromatosis: A Proteomic Approach. Frontiers in Endocrinology, 2021, 12, 752568.	1.5	2
155	In Vitro Bone Formation on Bioactive Titanium. Key Engineering Materials, 2008, 361-363, 939-942.	0.4	1
156	Vitamin D and Oral Health. , 2011, , 521-532.		1
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