

Ariane Berdal

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

163
papers

4,384
citations

37
h-index

57
g-index

174
ext. papers

4,947
ext. citations

4.5
avg, IF

5.04
L-index

#	Paper	IF	Citations
163	Efficient isolation of human gingival stem cells in a new serum-free medium supplemented with platelet lysate and growth hormone for osteogenic differentiation enhancement.. <i>Stem Cell Research and Therapy</i> , 2022 , 13, 125	8.3	0
162	Pathogenesis of Enamel-Renal Syndrome Associated Gingival Fibromatosis: A Proteomic Approach. <i>Frontiers in Endocrinology</i> , 2021 , 12, 752568	5.7	0
161	Origins of Alterations to Null Mutant Mouse Dental Root Development. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
160	Experimental periodontitis in Msx2 mutant mice induces alveolar bone necrosis. <i>Journal of Periodontology</i> , 2020 , 91, 693-704	4.6	5
159	Cherubism as a systemic skeletal disease: evidence from an aggressive case. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 564	2.8	1
158	Lack of FAM20A, Ectopic Gingival Mineralization and Chondro/Osteogenic Modifications in Enamel Renal Syndrome. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 605084	5.7	1
157	Primary Retention of Molars and RANKL Signaling Alteration during Craniofacial Growth. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
156	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	4.2	5
155	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	2.5	10
154	Caracterizaci3n fenot3pica del s3ndrome amelogen3sis imperfecta3refrocalcinosis: una revisi3n. <i>Duazary</i> , 2019 , 16, 129	0.2	
153	Micro-dissection of Enamel Organ from Mandibular Incisor of Rats Exposed to Environmental Toxicants. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	1
152	Respective role of membrane and nuclear estrogen receptor (ER) 3n the mandible of growing mice: Implications for ER3modulation. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1520-1531	6.3	6
151	Involvement of neural crest and paraxial mesoderm in oral mucosal development and healing. <i>Biomaterials</i> , 2018 , 172, 41-53	15.6	21
150	Preface to the proceedings of the 12th international conference on the chemistry and biology of mineralized tissues. <i>Connective Tissue Research</i> , 2018 , 59, 1-5	3.3	7
149	Amelogenesis imperfecta: therapeutic strategy from primary to permanent dentition across case reports. <i>BMC Oral Health</i> , 2018 , 18, 108	3.7	6
148	Physicochemical analysis of human pulpal mineralization secondary to FAM20A mutations. <i>Connective Tissue Research</i> , 2018 , 59, 46-51	3.3	4
147	Translation and validation of the French version of the Child Perceptions Questionnaire for children aged from 8 to 10 years old (CPQ). <i>Health and Quality of Life Outcomes</i> , 2018 , 16, 86	3	6

146	Patterns of Dental Agenesis Highlight the Nature of the Causative Mutated Genes. <i>Journal of Dental Research</i> , 2018 , 97, 1306-1316	8.1	25
145	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	3.7	33
144	Parental-Caregivers Perceptions Questionnaire (P-CPQ): translation and evaluation of psychometric properties of the French version of the questionnaire. <i>BMC Oral Health</i> , 2018 , 18, 211	3.7	3
143	Molecular and cellular characterizations of human cherubism: disease aggressiveness depends on osteoclast differentiation. <i>Orphanet Journal of Rare Diseases</i> , 2018 , 13, 166	4.2	11
142	Amelogenesis imperfecta in familial hypomagnesaemia and hypercalciuria with nephrocalcinosis caused by CLDN19 gene mutations. <i>Journal of Medical Genetics</i> , 2017 , 54, 26-37	5.8	28
141	Sclerostin Deficiency Promotes Reparative Dentinogenesis. <i>Journal of Dental Research</i> , 2017 , 96, 815-828	8.1	15
140	Management of rare diseases of the Head, Neck and Teeth: results of a French population-based prospective 8-year study. <i>Orphanet Journal of Rare Diseases</i> , 2017 , 12, 94	4.2	2
139	Gene Mutation: Amelogenesis or Ectopic Mineralization?. <i>Frontiers in Physiology</i> , 2017 , 8, 267	4.6	8
138	RANK/RANKL/OPG Signalization Implication in Periodontitis: New Evidence from a RANK Transgenic Mouse Model. <i>Frontiers in Physiology</i> , 2017 , 8, 338	4.6	19
137	Disruption of Steroid Axis, a New Paradigm for Molar Incisor Hypomineralization (MIH). <i>Frontiers in Physiology</i> , 2017 , 8, 343	4.6	14
136	Enamel Research: Priorities and Future Directions. <i>Frontiers in Physiology</i> , 2017 , 8, 513	4.6	10
135	Ameloblastin as Biomarker of Bone. <i>Biomarkers in Disease</i> , 2017 , 267-300		0
134	Distorted Patterns of Dentinogenesis and Eruption in Msx2 Null Mutants: Involvement of Sost/Sclerostin. <i>American Journal of Pathology</i> , 2016 , 186, 2577-87	5.8	11
133	Defining a new aggressiveness classification and using NFATc1 localization as a prognostic factor in cherubism. <i>Human Pathology</i> , 2016 , 58, 62-71	3.7	12
132	Androgen Receptor Involvement in Rat Amelogenesis: An Additional Way for Endocrine-Disrupting Chemicals to Affect Enamel Synthesis. <i>Endocrinology</i> , 2016 , 157, 4287-4296	4.8	13
131	Comparative Physicochemical Analysis of Pulp Stone and Dentin. <i>Journal of Endodontics</i> , 2016 , 42, 432-8	4.7	24
130	Mineral studies in enamel, an exemplary model system at the interface between physics, chemistry and medical sciences. <i>Comptes Rendus Chimie</i> , 2016 , 19, 1656-1664	2.7	5
129	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	5.8	68

128	Effects of High-Temperature-Pressure Polymerized Resin-Infiltrated Ceramic Networks on Oral Stem Cells. <i>PLoS ONE</i> , 2016 , 11, e0155450	3.7	8
127	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, 6261490	5	12
126	Expression of Steroid Receptors in Ameloblasts during Amelogenesis in Rat Incisors. <i>Frontiers in Physiology</i> , 2016 , 7, 503	4.6	12
125	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	6.3	36
124	Chronic Exposure to Bisphenol A Exacerbates Dental Fluorosis in Growing Rats. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1955-1966	6.3	15
123	Isolated dentinogenesis imperfecta and dentin dysplasia: revision of the classification. <i>European Journal of Human Genetics</i> , 2015 , 23, 445-51	5.3	61
122	The calcineurin inhibitor tacrolimus as a new therapy in severe cherubism. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 878-85	6.3	27
121	Evaluation of the Impact of Alveolar Bone Resorption on the Root Formation of Molars in Transgenic Mice with RANK Over-expression. <i>International Journal of Odontostomatology</i> , 2015 , 9, 357-372	3.6	96
120	Early dental epithelial transcription factors distinguish ameloblastoma from keratocystic odontogenic tumor. <i>Journal of Dental Research</i> , 2015 , 94, 101-11	8.1	60
119	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, 51-9	4.7	21
118	Ameloblastin as Biomarker of Bone. <i>Exposure and Health</i> , 2015 , 1-34	8.8	
117	MSX2 in ameloblast cell fate and activity. <i>Frontiers in Physiology</i> , 2014 , 5, 510	4.6	16
116	Specificity of paediatric jawbone lesions: tumours and pseudotumours. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014 , 42, 125-31	3.6	10
115	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, 103-7	4.7	29
114	Estrogen and bisphenol A affect male rat enamel formation and promote ameloblast proliferation. <i>Endocrinology</i> , 2014 , 155, 3365-75	4.8	20
113	Msx1 role in craniofacial bone morphogenesis. <i>Bone</i> , 2014 , 66, 96-104	4.7	28
112	Formation of cartilage and synovial tissue by human gingival stem cells. <i>Stem Cells and Development</i> , 2014 , 23, 2895-907	4.4	20
111	Ameloblastin as a putative marker of specific bone compartments. <i>Connective Tissue Research</i> , 2014 , 55 Suppl 1, 117-20	3.3	8

110	Cephalometric assessment of craniofacial dysmorphologies in relation with Msx2 mutations in mouse. <i>Orthodontics and Craniofacial Research</i> , 2014 , 17, 92-105	3	11
109	Asporin and the mineralization process in fluoride-treated rats. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 1446-55	6.3	11
108	Pathognomonic oral profile of Enamel Renal Syndrome (ERS) caused by recessive FAM20A mutations. <i>Orphanet Journal of Rare Diseases</i> , 2014 , 9, 84	4.2	46
107	Enamel hypomineralization due to endocrine disruptors. <i>Connective Tissue Research</i> , 2014 , 55 Suppl 1, 43-7	3.3	13
106	Regenerative endodontics: regeneration or repair?. <i>Journal of Endodontics</i> , 2014 , 40, S70-5	4.7	38
105	Tracking endogenous amelogenin and ameloblastin in vivo. <i>PLoS ONE</i> , 2014 , 9, e99626	3.7	17
104	Enamel defects reflect perinatal exposure to bisphenol A. <i>American Journal of Pathology</i> , 2013 , 183, 108-18	5.8	75
103	PTCH1 mutation and local aggressiveness of odontogenic keratocystic tumors in children: is there a relationship?. <i>Human Pathology</i> , 2013 , 44, 1071-8	3.7	4
102	In vivo impact of Dlx3 conditional inactivation in neural crest-derived craniofacial bones. <i>Journal of Cellular Physiology</i> , 2013 , 228, 654-64	7	17
101	The Pulp Healing Process: From Generation to Regeneration* 2013 , 313-332		0
100	Osteonecrosis of the jaw and nonmalignant disease: is there an association with rheumatoid arthritis?. <i>Journal of Rheumatology</i> , 2013 , 40, 781-6	4.1	20
99	Role of RANKL (TNFSF11)-dependent osteopetrosis in the dental phenotype of Msx2 null mutant mice. <i>PLoS ONE</i> , 2013 , 8, e80054	3.7	10
98	Les taches de l'ail : quoi de neuf ?. <i>Revue D'orthopedie Dento-faciale</i> , 2013 , 47, 295-300	0	1
97	Production and significance of CCAAT enhancer binding proteins alpha and beta in sinonasal inverted papilloma. <i>Histology and Histopathology</i> , 2013 , 28, 53-60	1.4	3
96	Aberrant beta-catenin and LEF1 expression may predict the clinical outcome for patients with oropharyngeal cancer. <i>International Journal of Immunopathology and Pharmacology</i> , 2012 , 25, 135-46	3	10
95	The effect of etidronate on the periodontium of ovariectomized rats. <i>Journal of Periodontology</i> , 2012 , 83, 1063-8	4.6	9
94	Biodentine induces immortalized murine pulp cell differentiation into odontoblast-like cells and stimulates biomineralization. <i>Journal of Endodontics</i> , 2012 , 38, 1220-6	4.7	184
93	Wnt/Catenin signaling and Msx1 promote outgrowth of the maxillary prominences. <i>Frontiers in Physiology</i> , 2012 , 3, 375	4.6	21

92	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, 12230-40	5-4	49
91	Regulation of calbindin-D(28k) expression by <i>Msx2</i> in the dental epithelium. <i>Journal of Histochemistry and Cytochemistry</i> , 2012 , 60, 603-10	3-4	7
90	RANKL induces organized lymph node growth by stromal cell proliferation. <i>Journal of Immunology</i> , 2012 , 188, 1245-54	5-3	36
89	The pulp healing process: from generation to regeneration. <i>Endodontic Topics</i> , 2012 , 26, 41-56		17
88	Nephrocalcinosis (enamel renal syndrome) caused by autosomal recessive <i>FAM20A</i> mutations. <i>Nephron Physiology</i> , 2012 , 122, 1-6		70
87	Oral phenotype and scoring of vascular Ehlers-Danlos syndrome: a case-control study. <i>BMJ Open</i> , 2012 , 2, e000705	3	12
86	Vitamin D and Oral Health 2011 , 521-532		1
85	Dentin-pulp complex regeneration: from lab to clinic. <i>Advances in Dental Research</i> , 2011 , 23, 340-5	2-3	66
84	Sodium fluoride influences the expression of keratins in cultured keratinocytes. <i>Cell Biology and Toxicology</i> , 2011 , 27, 69-81	7-4	8
83	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	7	40
82	Osteoclasts in the dental microenvironment: a delicate balance controls dental histogenesis. <i>Cells Tissues Organs</i> , 2011 , 194, 238-43	2-1	8
81	Transcriptional regulation of <i>MSX1</i> natural antisense transcript. <i>Cells Tissues Organs</i> , 2011 , 194, 151-5	2-1	8
80	Effects of strontium-doped bioactive glass on the differentiation of cultured osteogenic cells. <i>European Cells and Materials</i> , 2011 , 21, 130-43	4-3	125
79	Increased vitamin D-driven signalling and expression of the vitamin D receptor, <i>MSX2</i> , and <i>RANKL</i> in tooth resorption in cats. <i>European Journal of Oral Sciences</i> , 2010 , 118, 39-46	2-3	14
78	Tissue-engineered ligament: implant constructs for tooth replacement. <i>Journal of Clinical Periodontology</i> , 2010 , 37, 750-8	7-7	61
77	Facts and Hypothesis on Osteolytic Lesions Related to Normal and Tumoral Epithelial Dental Cell Differentiation 2010 , 77-96		
76	Physiopathology of dental rickets in vitamin D receptor-ablated mice. <i>Journal of Dental Research</i> , 2010 , 89, 1427-32	8-1	21
75	The MAP kinase pathway is involved in odontoblast stimulation via p38 phosphorylation. <i>Journal of Endodontics</i> , 2010 , 36, 256-9	4-7	69

74	Trauma and dentinogenesis: a case report. <i>Journal of Endodontics</i> , 2010 , 36, 342-4	4.7	3
73	Enamel protein regulation and dental and periodontal physiopathology in MSX2 mutant mice. <i>American Journal of Pathology</i> , 2010 , 177, 2516-26	5.8	25
72	Dlx homeobox gene family expression in osteoclasts. <i>Journal of Cellular Physiology</i> , 2010 , 223, 779-87	7	14
71	Msx and dlx homeogene expression in epithelial odontogenic tumors. <i>Journal of Histochemistry and Cytochemistry</i> , 2009 , 57, 69-78	3.4	21
70	Msx1 expression regulation by its own antisense RNA: consequence on tooth development and bone regeneration. <i>Cells Tissues Organs</i> , 2009 , 189, 115-21	2.1	23
69	Differential impact of MSX1 and MSX2 homeogenes on mouse maxillofacial skeleton. <i>Cells Tissues Organs</i> , 2009 , 189, 126-32	2.1	17
68	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 , 89, 585-93	5.4	15
67	Autoregulatory loop of Msx1 expression involving its antisense transcripts. <i>Journal of Cellular Physiology</i> , 2009 , 220, 303-10	7	15
66	Platelet-poor plasma stimulates the proliferation but inhibits the differentiation of rat osteoblastic cells in vitro. <i>Clinical Oral Implants Research</i> , 2009 , 20, 616-23	4.8	15
65	Molecular characterization of young and mature odontoblasts. <i>Bone</i> , 2009 , 45, 693-703	4.7	78
64	Altered desmoplakin expression at transcriptional and protein levels provides prognostic information in human oropharyngeal cancer. <i>Human Pathology</i> , 2009 , 40, 1320-9	3.7	40
63	A treatment algorithm for adult ameloblastomas according to the PitiéSalpêtrière Hospital experience. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2009 , 37, 363-9	3.6	18
62	Evaluation of a new laboratory model for pulp healing: preliminary study. <i>International Endodontic Journal</i> , 2008 , 41, 781-90	5.4	51
61	Nasal inverted papilloma expresses the muscle segment homeobox gene Msx2: possible prognostic implications. <i>Human Pathology</i> , 2008 , 39, 350-8	3.7	7
60	The genetic basis of inherited anomalies of the teeth. Part 1: clinical and molecular aspects of non-syndromic dental disorders. <i>European Journal of Medical Genetics</i> , 2008 , 51, 273-91	2.6	127
59	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	2.6	66
58	Fluoride at non-toxic dose affects odontoblast gene expression in vitro. <i>Toxicology</i> , 2008 , 249, 26-34	4.4	43
57	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, 1861-9	4.5	13

56	Physiological implications of DLX homeoproteins in enamel formation. <i>Journal of Cellular Physiology</i> , 2008 , 216, 688-97	7	44
55	Endocrinopathies et dysmorphoses cranio-faciales : intérêt pour l'orthodontiste. <i>International Orthodontics</i> , 2007 , 5, 3-15	0.9	1
54	The use of mineral trioxide aggregate in one-visit apexification treatment: a prospective study. <i>International Endodontic Journal</i> , 2007 , 40, 186-97	5.4	179
53	In Vitro Bone Formation on Bioactive Titanium. <i>Key Engineering Materials</i> , 2007 , 361-363, 939-942	0.4	1
52	Msx2 -/- transgenic mice develop compound amelogenesis imperfecta, dentinogenesis imperfecta and periodontal osteopetrosis. <i>Bone</i> , 2007 , 41, 851-9	4.7	70
51	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 , 76, 811-9	5.4	23
50	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, 4730-7	4.8	47
49	Endocrinopathies and craniofacial dysmorphia: what can the orthodontist learn?: Première partie. <i>International Orthodontics</i> , 2006 , 4, 229-240	0.9	3
48	Endocrinopathies et dysmorphoses craniofaciales : intérêt pour l'orthodontiste. <i>International Orthodontics</i> , 2006 , 4, 355-368	0.9	
47	Vitamin D and tissue non-specific alkaline phosphatase in dental cells. <i>European Journal of Oral Sciences</i> , 2006 , 114 Suppl 1, 178-82; discussion 201-2, 381	2.3	11
46	Ultrastructural and immunocytochemical characterization of immortalized odontoblast MO6-G3. <i>International Endodontic Journal</i> , 2006 , 39, 453-63	5.4	8
45	Expression and regulation of the Msx1 natural antisense transcript during development. <i>Nucleic Acids Research</i> , 2005 , 33, 5208-18	20.1	43
44	Expression pattern of Dlx3 during cell differentiation in mineralized tissues. <i>Bone</i> , 2005 , 37, 799-809	4.7	48
43	Potential of biomimetic surfaces to promote in vitro osteoblast-like cell differentiation. <i>Biomaterials</i> , 2005 , 26, 839-48	15.6	65
42	Modulation of 1alpha,25-dihydroxyvitamin D3-membrane associated, rapid response steroid binding protein expression in mouse odontoblasts by 1alpha,25-(OH)2D3. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 139-52	4.7	11
41	Dento-alveolar Bone Complex and Vitamin D 2005 , 599-607		10
40	Natural antisense transcripts: sound or silence?. <i>Physiological Genomics</i> , 2005 , 23, 125-31	3.6	67
39	The modulation of tissue-specific gene expression in rat nasal chondrocyte cultures by bioactive glasses. <i>Biomaterials</i> , 2004 , 25, 5621-30	15.6	29

38	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	3.7	15
37	Does Vitamin D play a role on Msx1 homeoprotein expression involving an endogenous antisense mRNA?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 89-90, 413-7	5.1	6
36	Dental alveolar bone defects related to Vitamin D and calcium status. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 89-90, 615-8	5.1	17
35	Chondrogenic differentiation during midfacial development in the mouse: in vivo and in vitro studies. <i>Biology of the Cell</i> , 2003 , 95, 75-86	3.5	12
34	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, 911-22	4.7	8
33	Expression of amelogenin in odontoblasts. <i>Bone</i> , 2003 , 32, 228-40	4.7	97
32	Putative Membrane Receptor for 1,25(OH) ₂ Vitamin D ₃ in Human Mineralized Tissues During Prenatal Development. <i>Connective Tissue Research</i> , 2003 , 44, 136-140	3.3	6
31	Osteoblast precursors at different anatomic sites. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2003 , 13, 147-61	1.3	9
30	Expression of a 1,25-dihydroxyvitamin D ₃ 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, 1588-96	6.3	31
29	The biomimetics of bone: engineered glass-ceramics a paradigm for in vitro biomineralization studies. <i>Connective Tissue Research</i> , 2002 , 43, 524-8	3.3	9
28	Cross-talk between Msx/Dlx homeobox genes and vitamin D during tooth mineralization. <i>Connective Tissue Research</i> , 2002 , 43, 509-14	3.3	26
27	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, 372-5	3.3	19
26	Investigation of osteocalcin, osteonectin, and dentin sialophosphoprotein in developing human teeth. <i>Bone</i> , 2002 , 30, 377-85	4.7	149
25	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	2.9	33
24	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, 7336-41	11.5	101
23	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> , 2000 , 15, 430-41	6.3	28
22	Cloning, characterization and immunolocalization of human ameloblastin. <i>European Journal of Oral Sciences</i> , 2000 , 108, 303-10	2.3	42
21	Epithelial Dlx-2 homeogene expression and cementogenesis. <i>Journal of Histochemistry and Cytochemistry</i> , 2000 , 48, 277-84	3.4	44

20	Evidence for regulation of amelogenin gene expression by 1,25-dihydroxyvitamin D(3) in vivo. <i>Journal of Cellular Biochemistry</i> , 1999 , 76, 194-205	4.7	25
19	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, 1541-52	3.4	41
18	Aberrant gene expression in epithelial cells of mixed odontogenic tumors. <i>Journal of Dental Research</i> , 1999 , 78, 20-30	8.1	49
17	Expression of DLX5 during human embryonic craniofacial development. <i>Mechanisms of Development</i> , 1999 , 81, 183-6	1.7	22
16	Comparative study of MSX-2, DLX-5, and DLX-7 gene expression during early human tooth development. <i>Pediatric Research</i> , 1999 , 46, 650-6	3.2	34
15	RGTA11, a new healing agent, triggers developmental events during healing of craniotomy defects in adult rats. <i>Growth Factors</i> , 1998 , 16, 23-38	1.6	32
14	Dentin sialoprotein (DSP) transcripts: developmentally-sustained expression in odontoblasts and transient expression in pre-ameloblasts. <i>European Journal of Oral Sciences</i> , 1997 , 105, 405-13	2.3	65
13	Calbindin-D9k and calbindin-D28k expression in rat mineralized tissues in vivo. <i>Journal of Bone and Mineral Research</i> , 1996 , 11, 768-79	6.3	37
12	Immunolocalization of vitamin D receptor and calbindin-D28k in human tooth germ. <i>Pediatric Research</i> , 1996 , 39, 636-42	3.2	21
11	In situ hybridization of calbindin-D 28 k transcripts in undecalcified sections of the rat continuously erupting incisor. <i>Connective Tissue Research</i> , 1995 , 32, 137-43	3.3	29
10	EGF receptor expression in mineralized tissues: an in situ hybridization and immunocytochemical investigation in rat and human mandibles. <i>Connective Tissue Research</i> , 1995 , 32, 47-53	3.3	27
9	Cell- and stage-specific expression of vitamin D receptor and calbindin genes in rat incisor: regulation by 1,25-dihydroxyvitamin D3. <i>Developmental Biology</i> , 1993 , 155, 172-9	3.1	67
8	Tooth structure studied using the atomic force microscope 1993 , 1855, 17		6
7	Developmental pattern and subcellular localization of parvalbumin in the rat tooth germ. <i>Archives of Oral Biology</i> , 1993 , 38, 707-15	2.8	17
6	Differential expression of calbindin-D 28 kDa in rat incisor ameloblasts throughout enamel development. <i>The Anatomical Record</i> , 1991 , 230, 149-63		37
5	Subcellular co-localization and co-variations of two vitamin D-dependent proteins in rat ameloblasts. <i>Archives of Oral Biology</i> , 1991 , 36, 715-25	2.8	19
4	Calbindins D-9kda and-28kda and Enamel Secretion in Vitamin D-Deficient and Control Rats. <i>Connective Tissue Research</i> , 1989 , 22, 791-797	3.3	9
3	Immunological characterization, developmental pattern and vitamin-D-dependency of calbindin D-28 K in rat teeth ameloblasts. <i>Differentiation</i> , 1989 , 40, 27-35	3.5	15

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