

Conditional*Alpl*Ablation Phenocopies Dental De

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Identification of altered brain metabolites associated with ⁺TNAP activity in a mouse model of hypophosphatasia using untargeted ⁺NMR-based metabolomics analysis. Journal of Neurochemistry, 2017, 140, 919-940.	2.1	34
2	Overlapping functions of bone sialoprotein and pyrophosphate regulators in directing cementogenesis. Bone, 2017, 105, 134-147.	1.4	31
3	Hypophosphatasia: oral cavity and dental disorders. Archives De Pediatrie, 2017, 24, 5S80-5S84.	0.4	18
4	Reduced Orthodontic Tooth Movement in ⁺Enpp1 Mutant Mice with Hypercementosis. Journal of Dental Research, 2018, 97, 937-945.	2.5	27
5	Hypercementosis Associated with ⁺ENPP1 Mutations and GACI. Journal of Dental Research, 2018, 97, 432-441.	2.5	45
6	Basic fibroblast growth factor regulates phosphate/pyrophosphate regulatory genes in stem cells isolated from human exfoliated deciduous teeth. Stem Cell Research and Therapy, 2018, 9, 345.	2.4	27
7	Alkaline Phosphatase Controls Lineage Switching of Mesenchymal Stem Cells by Regulating the LRP6/GSK3 ^β Complex in Hypophosphatasia. Theranostics, 2018, 8, 5575-5592.	4.6	24
8	Alpl prevents bone ageing sensitivity by specifically regulating senescence and differentiation in mesenchymal stem cells. Bone Research, 2018, 6, 27.	5.4	50
9	Manifestations of systemic diseases and conditions that affect the periodontal attachment apparatus: Case definitions and diagnostic considerations. Journal of Periodontology, 2018, 89, S183-S203.	1.7	117
10	Manifestations of systemic diseases and conditions that affect the periodontal attachment apparatus: Case definitions and diagnostic considerations. Journal of Clinical Periodontology, 2018, 45, S171-S189.	2.3	110
11	Rare Diseases with Periodontal Manifestations. International Journal of Environmental Research and Public Health, 2019, 16, 867.	1.2	22
12	Systemic inhibition of tissue-nonspecific alkaline phosphatase alters the brain-immune axis in experimental sepsis. Scientific Reports, 2019, 9, 18788.	1.6	20
13	The periodontium. , 2020, , 1061-1082.		1
14	Insights into dental mineralization from three heritable mineralization disorders. Journal of Structural Biology, 2020, 212, 107597.	1.3	15
15	Role of PTH1R Signaling in Prx1 ⁺ Mesenchymal Progenitors during Eruption. Journal of Dental Research, 2020, 99, 1296-1305.	2.5	27
16	Ionomycin ameliorates hypophosphatasia via rescuing alkaline phosphatase deficiency-mediated L-type Ca ²⁺ channel internalization in mesenchymal stem cells. Bone Research, 2020, 8, 19.	5.4	9
18	Guidelines for Micro-Computed Tomography Analysis of Rodent Dentoalveolar Tissues. JBMR Plus, 2021, 5, e10474.	1.3	21
19	Delivery of Alkaline Phosphatase Promotes Periodontal Regeneration in Mice. Journal of Dental Research, 2021, 100, 002203452110056.	2.5	6

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20	GSK3 ^β rephosphorylation rescues ALPL deficiency-induced impairment of odontoblastic differentiation of DPSCs. <i>Stem Cell Research and Therapy</i> , 2021, 12, 225.	2.4	3
21	Mitochondrial TNAP controls thermogenesis by hydrolysis of phosphocreatine. <i>Nature</i> , 2021, 593, 580-585.	13.7	64
22	Tissue-Nonspecific Alkaline Phosphatase in Central Nervous System Health and Disease: A Focus on Brain Microvascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5257.	1.8	8
23	Gene Therapy Using Adeno-Associated Virus Serotype 8 Encoding TNAP-D10 Improves the Skeletal and Dentoalveolar Phenotypes in <i>Alpl</i> ^{+/+} Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1835-1849.	3.1	14
24	Alkaline Phosphatase Replacement Therapy for Hypophosphatasia in Development and Practice. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1148, 279-322.	0.8	16
26	Baf45a Mediated Chromatin Remodeling Promotes Transcriptional Activation for Osteogenesis and Odontogenesis. <i>Frontiers in Endocrinology</i> , 2021, 12, 763392.	1.5	4
27	Tracing PRX1+ cells during molar formation and periodontal ligament reconstruction. <i>International Journal of Oral Science</i> , 2022, 14, 5.	3.6	15
28	Perspective on Dentoalveolar Manifestations Resulting From PHOSPHO1 Loss-of-Function: A Form of Pseudohypophosphatasia?. <i>Frontiers in Dental Medicine</i> , 2022, 3, .	0.5	3
29	A Comparative Genetic Analysis of Acellular Cementum. , 2022, , 83-93.		0
30	Between a rock and a hard place: Regulation of mineralization in the periodontium. <i>Genesis</i> , 2022, 60, e23474.	0.8	6
31	The Roles of SIBLING Proteins in Dental, Periodontal and Craniofacial Development. <i>Frontiers in Dental Medicine</i> , 0, 3, .	0.5	0
32	Dentoalveolar Defects of Hypophosphatasia are Recapitulated in a Sheep Knock-In Model. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 2005-2017.	3.1	1
33	Odontogenesis-Associated Phosphoprotein (ODAPH) Overexpression in Ameloblasts Disrupts Enamel Formation via Inducing Abnormal Mineralization of Enamel in Secretory Stage. <i>Calcified Tissue International</i> , 0, , .	1.5	1
35	[⁶⁸ Ga]Ga-Pentixafor and Sodium [¹⁸ F]Fluoride PET Can Non-Invasively Identify and Monitor the Dynamics of Orthodontic Tooth Movement in Mouse Model. <i>Cells</i> , 2022, 11, 2949.	1.8	3
36	<i>Npp1</i> prevents external tooth root resorption by regulation of cervical cementum integrity. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
37	Gene Therapy Using Recombinant AAV Type 8 Vector Encoding TNAP ¹⁰ Improves the Skeletal Phenotypes in Murine Models of Osteomalacia. <i>JBMR Plus</i> , 2023, 7, .	1.3	3
38	The RGD region of bone sialoprotein affects metabolic activity in mice. <i>Frontiers in Dental Medicine</i> , 0, 4, .	0.5	1
39	The impact of enzyme replacement therapy on the oral health manifestations of hypophosphatasia among children: a scoping review. <i>European Archives of Paediatric Dentistry: Official Journal of the European Academy of Paediatric Dentistry</i> , 0, , .	0.7	0

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