

Yukiko Nakano

List of Publications by Year in descending order

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29
papers

866
citations

567281

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31
times ranked

1069
citing authors

#	ARTICLE	IF	CITATIONS
1	MEPE-ASARM Peptides Control Extracellular Matrix Mineralization by Binding to Hydroxyapatite: An Inhibition Regulated by PHEX Cleavage of ASARM. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 1638-1649.	2.8	174
2	Transglutaminase activity regulates osteoblast differentiation and matrix mineralization in MC3T3-E1 osteoblast cultures. <i>Matrix Biology</i> , 2006, 25, 135-148.	3.6	104
3	ATP-mediated mineralization of MC3T3-E1 osteoblast cultures. <i>Bone</i> , 2007, 41, 549-561.	2.9	77
4	Comparative Temporospatial Expression Profiling of Murine Amelotin Protein during Amelogenesis. <i>Cells Tissues Organs</i> , 2012, 195, 535-549.	2.3	56
5	Size Distribution and Molecular Associations of Plasma Fibronectin and Fibronectin Crosslinked by Transglutaminase \AA 2. <i>Protein Journal</i> , 2008, 27, 223-233.	1.6	47
6	Site-specific localization of two distinct phosphatases along the osteoblast plasma membrane: tissue non-specific alkaline phosphatase and plasma membrane calcium ATPase. <i>Bone</i> , 2004, 35, 1077-1085.	2.9	43
7	Expression and Localization of Plasma Transglutaminase Factor XIIIa in Bone. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 675-685.	2.5	43
8	Eccentric Localization of Osteocytes Expressing Enzymatic Activities, Protein, and mRNA Signals for Type 5 Tartrate-resistant Acid Phosphatase (TRAP). <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 1475-1482.	2.5	40
9	The bioorganic chemistry of transglutaminase \AA 2 from mechanism to inhibition and engineering. <i>Canadian Journal of Chemistry</i> , 2008, 86, 271-276.	1.1	39
10	The existence of CD11c+ sentinel and F4/80+ interstitial dendritic cells in dental pulp and their dynamics and functional properties. <i>International Immunology</i> , 2006, 18, 1375-1384.	4.0	36
11	A Critical Role of TRPM7 As an Ion Channel Protein in Mediating the Mineralization of the Craniofacial Hard Tissues. <i>Frontiers in Physiology</i> , 2016, 7, 258.	2.8	34
12	Regulation of ATPase activity of transglutaminase 2 by MT1 \AA MMP: Implications for mineralization of MC3T3 \AA E1 osteoblast cultures. <i>Journal of Cellular Physiology</i> , 2010, 223, 260-269.	4.1	25
13	SATB1 establishes ameloblast cell polarity and regulates directional amelogenin secretion for enamel formation. <i>BMC Biology</i> , 2019, 17, 104.	3.8	20
14	Possible role of dentin matrix in region-specific deposition of cellular and acellular extrinsic fibre cementum. <i>Journal of Electron Microscopy</i> , 2003, 52, 573-580.	0.9	18
15	Amelogenin Exon4 Forms a Novel miRNA That Directs Ameloblast and Osteoblast Differentiation. <i>Journal of Dental Research</i> , 2016, 95, 423-429.	5.2	15
16	Fluorosed Mouse Ameloblasts Have Increased SATB1 Retention and \AA q Activity. <i>PLoS ONE</i> , 2014, 9, e103994.	2.5	13
17	Leucine rich amelogenin peptide alters ameloblast differentiation in vivo. <i>Matrix Biology</i> , 2013, 32, 432-442.	3.6	12
18	Fluoride related changes in behavioral outcomes may relate to increased serotonin. <i>Physiology and Behavior</i> , 2019, 206, 76-83.	2.1	9

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19	Fluoride Alters Signaling Pathways Associated with the Initiation of Dentin Mineralization in Enamel Fluorosis Susceptible Mice. <i>Biological Trace Element Research</i> , 2021, 199, 3021-3034.	3.5	9
20	Phosphatase Activities of Rat Intestinal Enterocytes and Their Relation to Diverse Luminal pH, with Special References to the Possible Localization of Phytase along the Brush Border Membrane. <i>Archives of Histology and Cytology</i> , 2001, 64, 483-492.	0.2	8
21	Fluoride Alters Klk4 Expression in Maturation Ameloblasts through Androgen and Progesterone Receptor Signaling. <i>Frontiers in Physiology</i> , 2017, 8, 925.	2.8	8
22	WDR72 regulates vesicle trafficking in ameloblasts. <i>Scientific Reports</i> , 2022, 12, 2820.	3.3	8
23	Expression of bone type 1 PTH receptor in rats with chronic renal failure. <i>Clinical and Experimental Nephrology</i> , 2007, 11, 34-40.	1.6	7
24	The induction of enamel and dentin complexes by subcutaneous implantation of reconstructed human and murine tooth germ elements. <i>Archives of Histology and Cytology</i> , 2004, 67, 65-77.	0.2	6
25	Formation of acellular cementum-like layers, with and without extrinsic fiber insertion, along inert bone surfaces of aging c-Src gene knockout mice. <i>European Journal of Oral Sciences</i> , 2006, 114, 524-534.	1.5	6
26	An miRNA derived from amelogenin exon4 regulates expression of transcription factor Runx2 by directly targeting upstream activators Nfia and Prkch. <i>Journal of Biological Chemistry</i> , 2022, 298, 101807.	3.4	3
27	Extracellular Matrix Proteins: Nomenclature and Functions in Biomineralization. <i>Biology of Extracellular Matrix</i> , 2021, , 35-51.	0.3	2
28	Proteolysis on maturing enamel surface, as shown by gel-coating methods. <i>European Journal of Oral Sciences</i> , 2006, 114, 52-58.	1.5	1
29	Fluoride. , 2016, , 173-184.		0