

Yoshiyuki Mochida

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,810
citations

279798

23
h-index

315739

38
g-index

40
all docs

40
docs citations

40
times ranked

3509
citing authors

#	ARTICLE	IF	CITATIONS
1	ASK1 Is Essential for JNK/SAPK Activation by TRAF2. <i>Molecular Cell</i> , 1998, 2, 389-395.	9.7	625
2	Execution of Apoptosis Signal-regulating Kinase 1 (ASK1)-induced Apoptosis by the Mitochondria-dependent Caspase Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 26576-26581.	3.4	309
3	BMP signaling negatively regulates bone mass through sclerostin by inhibiting the canonical Wnt pathway. <i>Development (Cambridge)</i> , 2008, 135, 3801-3811.	2.5	243
4	Wnt inhibitors <i>Dkk1</i> and <i>Sost</i> are downstream targets of BMP signaling through the type IA receptor (BMPRIA) in osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 200-210.	2.8	190
5	Disruption of BMP Signaling in Osteoblasts Through Type IA Receptor (BMPRIA) Increases Bone Mass. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 2007-2017.	2.8	156
6	Lysyl Oxidase Binds Transforming Growth Factor- β and Regulates Its Signaling via Amine Oxidase Activity. <i>Journal of Biological Chemistry</i> , 2008, 283, 34229-34240.	3.4	118
7	Decorin modulates collagen matrix assembly and mineralization. <i>Matrix Biology</i> , 2009, 28, 44-52.	3.6	110
8	Sarcoendoplasmic reticulum Ca ²⁺ ATPase type 2 downregulated in human oral squamous cell carcinoma. <i>International Journal of Cancer</i> , 2004, 110, 225-231.	5.1	109
9	Biglycan Modulates Osteoblast Differentiation and Matrix Mineralization. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 1878-1886.	2.8	98
10	Decorin modulates matrix mineralization in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 6-9.	2.1	87
11	Lysyl Hydroxylase-2b Directs Collagen Cross-Linking Pathways in MC3T3-E1 Cells. <i>Journal of Bone and Mineral Research</i> , 2004, 19, 1349-1355.	2.8	83
12	Overexpression of Lysyl Hydroxylase-2b Leads to Defective Collagen Fibrillogenesis and Matrix Mineralization. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 81-87.	2.8	74
13	Immunohistochemical localization of matrix metalloproteinase-2 in human coronal dentin. <i>Archives of Oral Biology</i> , 2008, 53, 109-116.	1.8	59
14	ASK1 Inhibits Interleukin-1-induced NF- κ B Activity through Disruption of TRAF6-TAK1 Interaction. <i>Journal of Biological Chemistry</i> , 2000, 275, 32747-32752.	3.4	52
15	Identification of a Novel Bone Morphogenetic Protein-responsive Gene That May Function as a Noncoding RNA. <i>Journal of Biological Chemistry</i> , 1998, 273, 17079-17085.	3.4	49
16	Biglycan Is a Positive Modulator of BMP-2 Induced Osteoblast Differentiation. , 2006, 585, 101-113.		44
17	Identification and characterization of neural crest-derived cells in adult periodontal ligament of mice. <i>Archives of Oral Biology</i> , 2012, 57, 1668-1675.	1.8	37
18	Expression of lysyl oxidase isoforms in MC3T3-E1 osteoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 1042-1046.	2.1	35

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19	1,25(OH) 2 D 3 regulates collagen quality in an osteoblastic cell culture system. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 674-678.	2.1	35
20	FAM20A binds to and regulates FAM20C localization. <i>Scientific Reports</i> , 2016, 6, 27784.	3.3	35
21	Lysine hydroxylation of collagen in a fibroblast cell culture system. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 484-487.	2.1	32
22	Generation of <i>Evc2/Limbin</i> global and conditional <i>KO</i> mice and its roles during mineralized tissue formation. <i>Genesis</i> , 2015, 53, 612-626.	1.6	27
23	Nephrocyan, a Novel Member of the Small Leucine-rich Repeat Protein Family, Is an Inhibitor of Transforming Growth Factor- β Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 36044-36051.	3.4	26
24	Podocan-like protein: A novel small leucine-rich repeat matrix protein in bone. <i>Biochemical and Biophysical Research Communications</i> , 2011, 410, 333-338.	2.1	24
25	Post-translational modifications of collagen upon BMP-induced osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 463-468.	2.1	23
26	Elevated Fibroblast Growth Factor Signaling Is Critical for the Pathogenesis of the Dwarfism in <i>Evc2/Limbin</i> Mutant Mice. <i>PLoS Genetics</i> , 2016, 12, e1006510.	3.5	18
27	The Role of <i>Ellis Van Creveld 2 (EVC2)</i> in Mice During Cranial Bone Development. <i>Anatomical Record</i> , 2018, 301, 46-55.	1.4	18
28	Modulation of matrix mineralization by <i>Vwc2</i> -like protein and its novel splicing isoforms. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 12-16.	2.1	15
29	Expression of <i>Evc2</i> in craniofacial tissues and craniofacial bone defects in <i>Evc2</i> knockout mouse. <i>Archives of Oral Biology</i> , 2016, 68, 142-152.	1.8	13
30	<i>Ellis Van Creveld2</i> is Required for Postnatal Craniofacial Bone Development. <i>Anatomical Record</i> , 2016, 299, 1110-1120.	1.4	12
31	A Ciliary Protein <i>EVC2/LIMBIN</i> Plays a Critical Role in the Skull Base for Mid-Facial Development. <i>Frontiers in Physiology</i> , 2018, 9, 1484.	2.8	12
32	Distribution and relative activity of matrix metalloproteinase-2 in human coronal dentin. <i>International Journal of Oral Science</i> , 2011, 3, 192-199.	8.6	11
33	A Novel Proteolytic Processing of Prolysyl Oxidase. <i>Connective Tissue Research</i> , 2011, 52, 479-486.	2.3	9
34	N-terminal Dentin Sialoprotein fragment induces type I collagen production and upregulates dentinogenesis marker expression in osteoblasts. <i>Biochemistry and Biophysics Reports</i> , 2016, 6, 190-196.	1.3	9
35	<i>WVC2</i> Increases Bone Formation Through Inhibiting Activin Signaling. <i>Calcified Tissue International</i> , 2018, 103, 663-674.	3.1	6
36	<i>FAM20C</i> directly binds to and phosphorylates Periostin. <i>Scientific Reports</i> , 2020, 10, 17155.	3.3	3

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37	Identification of the C-terminal region in Amelogenesis Imperfecta causative protein WDR72 required for Golgi localization. <i>Scientific Reports</i> , 2022, 12, 4640.	3.3	2
38	Molecular Cloning of Mouse Homologue of Enamel Protein C4orf26 and Its Phosphorylation by FAM20C. <i>Calcified Tissue International</i> , 2021, 109, 445-454.	3.1	1
39	Small Leucine-Rich Proteoglycans (SLRPs) and Biomineralization. <i>Biology of Extracellular Matrix</i> , 2021, , 125-155.	0.3	0