

Shuo Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

407
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Expression of Cbfa1/Runx2 Isoforms in Teeth and Characterization of Binding Sites in the DSPP Gene. <i>Connective Tissue Research</i> , 2002, 43, 338-344.	2.3	52
2	Domain of Dentine Sialoprotein Mediates Proliferation and Differentiation of Human Periodontal Ligament Stem Cells. <i>PLoS ONE</i> , 2013, 8, e81655.	2.5	43
3	Expression and processing of small integrin-binding ligand N-linked glycoproteins in mouse odontoblastic cells. <i>Archives of Oral Biology</i> , 2008, 53, 879-889.	1.8	37
4	Altered gene expression in human cleidocranial dysplasia dental pulp cells. <i>Archives of Oral Biology</i> , 2005, 50, 227-236.	1.8	31
5	Transit amplifying cells coordinate mouse incisor mesenchymal stem cell activation. <i>Nature Communications</i> , 2019, 10, 3596.	12.8	31
6	Klf10 regulates odontoblast differentiation and mineralization via promoting expression of dentin matrix protein 1 and dentin sialophosphoprotein genes. <i>Cell and Tissue Research</i> , 2016, 363, 385-398.	2.9	27
7	Dentin sialoprotein facilitates dental mesenchymal cell differentiation and dentin formation. <i>Scientific Reports</i> , 2017, 7, 300.	3.3	25
8	BMP-2 induced Dspp transcription is mediated by Dlx3/Osx signaling pathway in odontoblasts. <i>Scientific Reports</i> , 2017, 7, 10775.	3.3	25
9	Regulation of the Cell Type-specific Dentin Sialophosphoprotein Gene Expression in Mouse Odontoblasts by a Novel Transcription Repressor and an Activator CCAAT-binding Factor. <i>Journal of Biological Chemistry</i> , 2004, 279, 42182-42191.	3.4	23
10	BMP Signaling Pathway in Dentin Development and Diseases. <i>Cells</i> , 2022, 11, 2216.	4.1	20
11	MEPE Localization in the Craniofacial Complex and Function in Tooth Dentin Formation. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 224-236.	2.5	17
12	Klf5 Mediates Odontoblastic Differentiation through Regulating Dentin-Specific Extracellular Matrix Gene Expression during Mouse Tooth Development. <i>Scientific Reports</i> , 2017, 7, 46746.	3.3	16
13	Establishment of Immortalized Mouse Bmp2 Knock-Out Dental Papilla Mesenchymal Cells Necessary for Study of Odontoblastic Differentiation and Odontogenesis. <i>Journal of Cellular Physiology</i> , 2015, 230, 2588-2595.	4.1	13
14	Binding of two nuclear factors to a novel silencer element in human dentin matrix protein 1 (DMP1) promoter regulates the cell type-specific DMP1 gene expression. <i>Journal of Cellular Biochemistry</i> , 2004, 92, 332-349.	2.6	12
15	Immortalized Mouse Floxed Fam20c Dental Papillar Mesenchymal and Osteoblast Cell Lines Retain Their Primary Characteristics. <i>Journal of Cellular Physiology</i> , 2015, 230, 2581-2587.	4.1	12
16	Negative Regulation of DsbA-L Gene Expression by the Transcription Factor Sp1. <i>Diabetes</i> , 2014, 63, 4165-4171.	0.6	9
17	Establishment of Immortalized BMP2/4 Double Knock-Out Osteoblastic Cells Is Essential for Study of Osteoblast Growth, Differentiation, and Osteogenesis. <i>Journal of Cellular Physiology</i> , 2016, 231, 1189-1198.	4.1	6
18	Full Mouth Rehabilitation of Two Siblings with Dentinogenesis Imperfecta Type II Using Different Treatment Modalities. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7029.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Differential lncRNA/mRNA Expression Profiling and Functional Network Analyses in Bmp2 Deletion of Mouse Dental Papilla Cells. <i>Frontiers in Genetics</i> , 2021, 12, 702540.	2.3	4
20	Establishment of an Immortalized Mouse Bmp2 Knockout Dental Papilla Mesenchymal Cell Line. <i>Methods in Molecular Biology</i> , 2019, 1922, 13-19.	0.9	0