

Weibo Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,958
citations

304368

22
h-index

476904

29
g-index

35
all docs

35
docs citations

35
times ranked

2059
citing authors

#	ARTICLE	IF	CITATIONS
1	Multilineage Differentiation Potential of Stem Cells Derived from Human Dental Pulp after Cryopreservation. <i>Tissue Engineering</i> , 2006, 12, 2813-2823.	4.9	344
2	The performance of human dental pulp stem cells on different three-dimensional scaffold materials. <i>Biomaterials</i> , 2006, 27, 5658-5668.	5.7	203
3	Differentiation Ability of Rat Postnatal Dental Pulp Cells in Vitro. <i>Tissue Engineering</i> , 2005, 11, 357-368.	4.9	113
4	Hard Tissue Formation in a Porous HA/TCP Ceramic Scaffold Loaded with Stromal Cells Derived from Dental Pulp and Bone Marrow. <i>Tissue Engineering - Part A</i> , 2008, 14, 285-294.	1.6	113
5	Bioengineered Dental Tissues Grown in the Rat Jaw. <i>Journal of Dental Research</i> , 2008, 87, 745-750.	2.5	110
6	Vital Pulp Therapy—Current Progress of Dental Pulp Regeneration and Revascularization. <i>International Journal of Dentistry</i> , 2010, 2010, 1-9.	0.5	110
7	In vivo evaluation of human dental pulp stem cells differentiated towards multiple lineages. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2008, 2, 117-125.	1.3	90
8	Reconstructing Mandibular Defects Using Autologous Tissue-Engineered Tooth and Bone Constructs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2009, 67, 335-347.	0.5	84
9	Accurately Shaped Tooth Bud Cell—Derived Mineralized Tissue Formation on Silk Scaffolds. <i>Tissue Engineering - Part A</i> , 2008, 14, 549-557.	1.6	74
10	Tissue engineered hybrid tooth—bone constructs. <i>Methods</i> , 2009, 47, 122-128.	1.9	73
11	The odontogenic potential of STRO-1 sorted rat dental pulp stem cells in vitro. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2007, 1, 66-73.	1.3	71
12	The formation of tertiary dentin after pulp capping with a calcium phosphate cement, loaded with PLGA microparticles containing TGF β 1. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 85A, 439-444.	2.1	71
13	Multilineage potential of STRO-1+ rat dental pulp cells in vitro. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2007, 1, 128-135.	1.3	64
14	Human dental pulp progenitor cell behavior on aqueous and hexafluoroisopropanol based silk scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 97A, 414-422.	2.1	57
15	The effect of BMP-mimetic peptide tethering bioinks on the differentiation of dental pulp stem cells (DPSCs) in 3D bioprinted dental constructs. <i>Biofabrication</i> , 2020, 12, 035029.	3.7	49
16	Three dimensional dental epithelial-mesenchymal constructs of predetermined size and shape for tooth regeneration. <i>Biomaterials</i> , 2010, 31, 7995-8003.	5.7	45
17	Developing a biomimetic tooth bud model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3326-3336.	1.3	40
18	Craniofacial Tissue Engineering. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a025775.	2.9	40

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19	Tooth Repair and Regeneration: Potential of Dental Stem Cells. Trends in Molecular Medicine, 2021, 27, 501-511.	3.5	39
20	Mandibular Jaw Bone Regeneration Using Human Dental Cell-Seeded Tyrosine-Derived Polycarbonate Scaffolds. Tissue Engineering - Part A, 2016, 22, 985-993.	1.6	35
21	Dental cell sheet biomimetic tooth bud model. Biomaterials, 2016, 106, 167-179.	5.7	34
22	The influence of electrospun fibre scaffold orientation and nano-hydroxyapatite content on the development of tooth bud stem cells in vitro. Odontology / the Society of the Nippon Dental University, 2014, 102, 14-21.	0.9	26
23	Influence of highly porous electrospun PLGA/PCL/nHA fibrous scaffolds on the differentiation of tooth bud cells <i>in vitro</i> . Journal of Biomedical Materials Research - Part A, 2017, 105, 2597-2607.	2.1	24
24	Use of Human Dental Pulp and Endothelial Cell Seeded Tyrosine-Derived Polycarbonate Scaffolds for Robust <i>in vivo</i> Alveolar Jaw Bone Regeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 796.	2.0	12
25	Calcium phosphate enriched synthetic tyrosine-derived polycarbonate dicalcium phosphate dihydrate polymer scaffolds for enhanced bone regeneration. Materialia, 2020, 9, 100616.	1.3	11
26	Self-Assembled Hydrogel Microparticle-Based Tooth-Germ Organoids. Bioengineering, 2022, 9, 215.	1.6	10
27	The related mechanism of complete Freund's adjuvant-induced chronic inflammation pain based on metabolomics analysis. Biomedical Chromatography, 2021, 35, e5020.	0.8	9
28	Discrete phosphorylated retinoblastoma protein isoform expression in mouse tooth development. Journal of Molecular Histology, 2012, 43, 281-288.	1.0	5
29	Factors affecting sufentanil consumption for intravenous controlled analgesia after hepatectomy: retrospective analysis. BMC Anesthesiology, 2021, 21, 308.	0.7	2
30	Tooth development and regeneration. , 0, , 555-569.		0
31	Tissue-Engineered Teeth. Reference Series in Biomedical Engineering, 2021, , 373-403.	0.1	0
32	Hard Tissue Formation in a Porous HA/TCP Ceramic Scaffold Loaded with Stromal Cells Derived from Dental Pulp and Bone Marrow. Tissue Engineering, 0, , 110306233438005.	4.9	0
33	Tissue-Engineered Teeth. , 2020, , 1-31.		0