

Weibo Zhang

List of Publications by Year in descending order

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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	Self-Assembled Hydrogel Microparticle-Based Tooth-Germ Organoids. <i>Bioengineering</i> , 2022, 9, 215.	1.6	10
2	The related mechanism of complete Freund's adjuvant-induced chronic inflammation pain based on metabolomics analysis. <i>Biomedical Chromatography</i> , 2021, 35, e5020.	0.8	9
3	Tissue-Engineered Teeth. <i>Reference Series in Biomedical Engineering</i> , 2021, , 373-403.	0.1	0
4	Tooth Repair and Regeneration: Potential of Dental Stem Cells. <i>Trends in Molecular Medicine</i> , 2021, 27, 501-511.	3.5	39
5	Factors affecting sufentanil consumption for intravenous controlled analgesia after hepatectomy: retrospective analysis. <i>BMC Anesthesiology</i> , 2021, 21, 308.	0.7	2
6	Use of Human Dental Pulp and Endothelial Cell Seeded Tyrosine-Derived Polycarbonate Scaffolds for Robust in vivo Alveolar Jaw Bone Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 796.	2.0	12
7	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
8	Calcium phosphate enriched synthetic tyrosine-derived polycarbonate dicalcium phosphate dihydrate polymer scaffolds for enhanced bone regeneration. <i>Materialia</i> , 2020, 9, 100616.	1.3	11
9	Tissue-Engineered Teeth. , 2020, , 1-31.		0
10	Craniofacial Tissue Engineering. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a025775.	2.9	40
11	Developing a biomimetic tooth bud model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3326-3336.	1.3	40
12	Influence of highly porous electrospun PLGA/PCL/nHA fibrous scaffolds on the differentiation of tooth bud cells <i>in vitro</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2597-2607.	2.1	24
13	Dental cell sheet biomimetic tooth bud model. <i>Biomaterials</i> , 2016, 106, 167-179.	5.7	34
14	Mandibular Jaw Bone Regeneration Using Human Dental Cell-Seeded Tyrosine-Derived Polycarbonate Scaffolds. <i>Tissue Engineering - Part A</i> , 2016, 22, 985-993.	1.6	35
15	The influence of electrospun fibre scaffold orientation and nano-hydroxyapatite content on the development of tooth bud stem cells <i>in vitro</i> . <i>Odontology / the Society of the Nippon Dental University</i> , 2014, 102, 14-21.	0.9	26
16	Discrete phosphorylated retinoblastoma protein isoform expression in mouse tooth development. <i>Journal of Molecular Histology</i> , 2012, 43, 281-288.	1.0	5
17	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
18	Three dimensional dental epithelial-mesenchymal constructs of predetermined size and shape for tooth regeneration. <i>Biomaterials</i> , 2010, 31, 7995-8003.	5.7	45

#	ARTICLE	IF	CITATIONS
19	Vital Pulp Therapyâ€”Current Progress of Dental Pulp Regeneration and Revascularization. International Journal of Dentistry, 2010, 2010, 1-9.	0.5	110
20	Reconstructing Mandibular Defects Using Autologous Tissue-Engineered Tooth and Bone Constructs. Journal of Oral and Maxillofacial Surgery, 2009, 67, 335-347.	0.5	84
21	Tissue engineered hybrid toothâ€”bone constructs. Methods, 2009, 47, 122-128.	1.9	73
22	In vivo evaluation of human dental pulp stem cells differentiated towards multiple lineages. Journal of Tissue Engineering and Regenerative Medicine, 2008, 2, 117-125.	1.3	90
23	The formation of tertiary dentin after pulp capping with a calcium phosphate cement, loaded with PLGA microparticles containing TGFâ€”1. Journal of Biomedical Materials Research - Part A, 2008, 85A, 439-444.	2.1	71
24	Bioengineered Dental Tissues Grown in the Rat Jaw. Journal of Dental Research, 2008, 87, 745-750.	2.5	110
25	Hard Tissue Formation in a Porous HA/TCP Ceramic Scaffold Loaded with Stromal Cells Derived from Dental Pulp and Bone Marrow. Tissue Engineering - Part A, 2008, 14, 285-294.	1.6	113
26	Accurately Shaped Tooth Bud Cellâ€”Derived Mineralized Tissue Formation on Silk Scaffolds. Tissue Engineering - Part A, 2008, 14, 549-557.	1.6	74
27	Multilineage potential of STRO-1+ rat dental pulp cells in vitro. Journal of Tissue Engineering and Regenerative Medicine, 2007, 1, 128-135.	1.3	64
28	The odontogenic potential of STRO-1 sorted rat dental pulp stem cells in vitro. Journal of Tissue Engineering and Regenerative Medicine, 2007, 1, 66-73.	1.3	71
29	Multilineage Differentiation Potential of Stem Cells Derived from Human Dental Pulp after Cryopreservation. Tissue Engineering, 2006, 12, 2813-2823.	4.9	344
30	The performance of human dental pulp stem cells on different three-dimensional scaffold materials. Biomaterials, 2006, 27, 5658-5668.	5.7	203
31	Differentiation Ability of Rat Postnatal Dental Pulp Cells in Vitro. Tissue Engineering, 2005, 11, 357-368.	4.9	113
32	Tooth development and regeneration. , 0, , 555-569.		0
33	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