

Maiko Omi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

460
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaffold Pore Curvature Influences iPS Cell Fate through Differential Cellular Organization and YAP/TAZ Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4499.	4.1	19
2	Roles of osteoclasts in alveolar bone remodeling. <i>Genesis</i> , 2022, 60, .	1.6	19
3	Role of osteoclasts in oral homeostasis and jawbone diseases. <i>Oral Science International</i> , 2021, 18, 14-27.	0.7	15
4	Efficacy of extracellular vesicles from dental pulp stem cells for bone regeneration in rat calvarial bone defects. <i>Inflammation and Regeneration</i> , 2021, 41, 12.	3.7	29
5	Macropore design of tissue engineering scaffolds regulates mesenchymal stem cell differentiation fate. <i>Biomaterials</i> , 2021, 272, 120769.	11.4	54
6	Sustainable Effects of Human Dental Pulp Stem Cell Transplantation on Diabetic Polyneuropathy in Streptozotocine-Induced Type 1 Diabetes Model Mice. <i>Cells</i> , 2021, 10, 2473.	4.1	9
7	BMP/Smad Signaling Regulates Postnatal Crown Dentinogenesis in Mouse Molar. <i>JBMR Plus</i> , 2020, 4, e10249.	2.7	17
8	Transplantation of human dental pulp stem cells ameliorates diabetic polyneuropathy in streptozotocin-induced diabetic nude mice: the role of angiogenic and neurotrophic factors. <i>Stem Cell Research and Therapy</i> , 2020, 11, 236.	5.5	11
9	Loss of BMP signaling mediated by BMPRI1A in osteoblasts leads to differential bone phenotypes in mice depending on anatomical location of the bones. <i>Bone</i> , 2020, 137, 115402.	2.9	10
10	Activin A receptor type 1-mediated BMP signaling regulates RANKL-induced osteoclastogenesis via canonical SMAD-signaling pathway. <i>Journal of Biological Chemistry</i> , 2019, 294, 17818-17836.	3.4	23
11	Covalent Attachment of P15 Peptide to Ti Alloy Surface Modified with Polymer to Enhance Osseointegration of Implants. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38531-38536.	8.0	16
12	Efficacy of a Self-Assembling Peptide Hydrogel, SPG-178-Gel, for Bone Regeneration and Three-Dimensional Osteogenic Induction of Dental Pulp Stem Cells. <i>Tissue Engineering - Part A</i> , 2017, 23, 1394-1402.	3.1	47
13	Transplantation of dental pulp stem cells improves long-term diabetic polyneuropathy together with improvement of nerve morphometrical evaluation. <i>Stem Cell Research and Therapy</i> , 2017, 8, 279.	5.5	39
14	Transplantation of dental pulp stem cells suppressed inflammation in sciatic nerves by promoting macrophage polarization towards anti-inflammatory phenotypes and ameliorated diabetic polyneuropathy. <i>Journal of Diabetes Investigation</i> , 2016, 7, 485-496.	2.4	70
15	Transplantation of cultured dental pulp stem cells into the skeletal muscles ameliorated diabetic polyneuropathy: therapeutic plausibility of freshly isolated and cryopreserved dental pulp stem cells. <i>Stem Cell Research and Therapy</i> , 2015, 6, 162.	5.5	40
16	Mechanical Stretch Increases the Proliferation While Inhibiting the Osteogenic Differentiation in Dental Pulp Stem Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 625-633.	3.1	42