

Shaohua Ge

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

694
citations

16
h-index

25
g-index

43
ext. papers

989
ext. citations

6.6
avg, IF

4.65
L-index

#	Paper	IF	Citations
40	Development of a thermosensitive hydrogel loaded with DTT and SDF-1 facilitating in situ periodontal bone regeneration. <i>Chemical Engineering Journal</i> , 2022 , 432, 134308	14.7	1
39	Sustained and Microenvironment-Accelerated Release of Minocycline from Alginate Injectable Hydrogel for Bacteria-Infected Wound Healing.. <i>Polymers</i> , 2022 , 14,	4.5	3
38	Advances on biodegradable zinc-silver-based alloys for biomedical applications.. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2021 , 19, 22808000211062407	1.8	1
37	Conversion of stem cells from apical papilla into endothelial cells by small molecules and growth factors. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 266	8.3	2
36	Unilateral Silver-Loaded Silk Fibroin Difunctional Membranes as Antibacterial Wound Dressings. <i>ACS Omega</i> , 2021 , 6, 17555-17565	3.9	2
35	Gingipain-Responsive Thermosensitive Hydrogel Loaded with SDF-1 Facilitates Periodontal Tissue Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 36880-36893	9.5	5
34	Dimethyloxallyl glycine/nanosilicates-loaded osteogenic/angiogenic difunctional fibrous structure for functional periodontal tissue regeneration. <i>Bioactive Materials</i> , 2021 , 6, 1175-1188	16.7	12
33	AGGF1 inhibits the expression of inflammatory mediators and promotes angiogenesis in dental pulp cells. <i>Clinical Oral Investigations</i> , 2021 , 25, 581-592	4.2	4
32	6-Bromoindirubin-3-O-xime Promotes Osteogenic Differentiation of Periodontal Ligament Stem Cells and Facilitates Bone Regeneration in a Mouse Periodontitis Model. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 232-241	5.5	3
31	Stromal cell-derived factor-1/Exendin-4 cotherapy facilitates the proliferation, migration and osteogenic differentiation of human periodontal ligament stem cells in vitro and promotes periodontal bone regeneration in vivo. <i>Cell Proliferation</i> , 2021 , 54, e12997	7.9	10
30	Transcriptome analysis reveals the mechanism of stromal cell-derived factor-1 and exendin-4 synergistically promoted periodontal ligament stem cells osteogenic differentiation. <i>PeerJ</i> , 2021 , 9, e12091	2.1	1
29	An in situ tissue engineering scaffold with growth factors combining angiogenesis and osteoimmunomodulatory functions for advanced periodontal bone regeneration. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 247	9.4	5
28	Super-assembled core/shell fibrous frameworks with dual growth factors for in situ cementum-ligament-bone complex regeneration. <i>Biomaterials Science</i> , 2020 , 8, 2459-2471	7.4	6
27	A method to visually observe the degradation-diffusion-reconstruction behavior of hydroxyapatite in the bone repair process. <i>Acta Biomaterialia</i> , 2020 , 101, 554-564	10.8	13
26	N-WASP knockdown upregulates inflammatory cytokines expression in human gingival fibroblasts. <i>Archives of Oral Biology</i> , 2020 , 110, 104605	2.8	2
25	Nanotextured silk fibroin/hydroxyapatite biomimetic bilayer tough structure regulated osteogenic/chondrogenic differentiation of mesenchymal stem cells for osteochondral repair. <i>Cell Proliferation</i> , 2020 , 53, e12917	7.9	9
24	Advancing Versatile Ferroelectric Materials Toward Biomedical Applications. <i>Advanced Science</i> , 2020 , 8, 2003074	13.6	15

23	Oxytocin facilitates the proliferation, migration and osteogenic differentiation of human periodontal stem cells in vitro. <i>Archives of Oral Biology</i> , 2019 , 99, 126-133	2.8	14
22	Calcitriol suppresses lipopolysaccharide-induced alveolar bone damage in rats by regulating T helper cell subset polarization. <i>Journal of Periodontal Research</i> , 2019 , 54, 612-623	4.3	15
21	Application of Antimicrobial Nanoparticles in Dentistry. <i>Molecules</i> , 2019 , 24,	4.8	66
20	Sequential application of bFGF and BMP-2 facilitates osteogenic differentiation of human periodontal ligament stem cells. <i>Journal of Periodontal Research</i> , 2019 , 54, 424-434	4.3	29
19	Piezoelectric nylon-11 nanoparticles with ultrasound assistance for high-efficiency promotion of stem cell osteogenic differentiation. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1847-1854	7.3	17
18	Prolyl hydroxylase inhibitor DMOG suppressed inflammatory cytokine production in human gingival fibroblasts stimulated with <i>Fusobacterium nucleatum</i> . <i>Clinical Oral Investigations</i> , 2019 , 23, 3123-3132	4.2	5
17	Metformin facilitates the proliferation, migration, and osteogenic differentiation of periodontal ligament stem cells in vitro. <i>Cell Biology International</i> , 2019 , 44, 70	4.5	10
16	Rho-kinase inhibitor Y-27632 downregulates LPS-induced IL-6 and IL-8 production via blocking p38 MAPK and NF- κ B pathways in human gingival fibroblasts. <i>Journal of Periodontology</i> , 2018 , 89, 883-893	4.6	15
15	Hydroxyapatite nanobelt/polylactic acid Janus membrane with osteoinduction/barrier dual functions for precise bone defect repair. <i>Acta Biomaterialia</i> , 2018 , 71, 108-117	10.8	42
14	Prolyl hydroxylases positively regulated LPS-induced inflammation in human gingival fibroblasts via TLR4/MyD88-mediated AKT/NF- κ B and MAPK pathways. <i>Cell Proliferation</i> , 2018 , 51, e12516	7.9	31
13	Hydroxyapatite nanowires modified poly(lactic acid) membrane plays barrier/osteoinduction dual roles and promotes bone regeneration in a rat mandible defect model. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 3099-3110	5.4	13
12	Metformin Inhibits <i>Porphyromonas gingivalis</i> Lipopolysaccharide-Influenced Inflammatory Response in Human Gingival Fibroblasts via Regulating Activating Transcription Factor-3 Expression. <i>Journal of Periodontology</i> , 2017 , 88, e169-e178	4.6	17
11	TiO nanorod arrays as a photocatalytic coating enhanced antifungal and antibacterial efficiency of Ti substrates. <i>Nanomedicine</i> , 2017 , 12, 761-776	5.6	16
10	TiO nanorod arrays modified Ti substrates promote the adhesion, proliferation and osteogenic differentiation of human periodontal ligament stem cells. <i>Materials Science and Engineering C</i> , 2017 , 76, 684-691	8.3	27
9	One-Dimensional Hydroxyapatite Nanostructures with Tunable Length for Efficient Stem Cell Differentiation Regulation. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33717-33727	9.5	34
8	Rho-kinase inhibitor Y-27632 facilitates the proliferation, migration and pluripotency of human periodontal ligament stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3100-3112	5.6	39
7	Acellular dermal matrix loading with bFGF achieves similar acceleration of bone regeneration to BMP-2 via differential effects on recruitment, proliferation and sustained osteodifferentiation of mesenchymal stem cells. <i>Materials Science and Engineering C</i> , 2017 , 70, 62-70	8.3	26
6	PTH/SDF-1 α otherapy promotes proliferation, migration and osteogenic differentiation of human periodontal ligament stem cells. <i>Cell Proliferation</i> , 2016 , 49, 599-608	7.9	27

5	PTH/SDF-1 α therapy induces CD90+CD34- stromal cells migration and promotes tissue regeneration in a rat periodontal defect model. <i>Scientific Reports</i> , 2016 , 6, 30403	4.9	24
4	Isolation and characterization of human gingiva-derived mesenchymal stem cells using limiting dilution method. <i>Journal of Dental Sciences</i> , 2016 , 11, 304-314	2.5	20
3	Local administration of stromal cell-derived factor-1 promotes stem cell recruitment and bone regeneration in a rat periodontal bone defect model. <i>Materials Science and Engineering C</i> , 2015 , 53, 83-94	8.3	54
2	Stromal cell-derived factor-1 significantly induces proliferation, migration, and collagen type I expression in a human periodontal ligament stem cell subpopulation. <i>Journal of Periodontology</i> , 2012 , 83, 379-88	4.6	59
1	Metabolic regulation of type 2 immune response during tissue repair and regeneration. <i>Journal of Leukocyte Biology</i> ,	6.5	