Shaohua Ge

List of Publications by Citations

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	Application of Antimicrobial Nanoparticles in Dentistry. *Molecules*, **2019**, 24,	4.8	66
39	Stromal cell-derived factor-1 significantly induces proliferation, migration, and collagen type I expression in a human periodontal ligament stem cell subpopulation. *Journal of Periodontology*, **2012**, 83, 379-88	4.6	59
38	Local administration of stromal cell-derived factor-1 promotes stem cell recruitment and bone regeneration in a rat periodontal bone defect model. *Materials Science and Engineering C*, **2015**, 53, 83-94	8.3	54
37	Hydroxyapatite nanobelt/polylactic acid Janus membrane with osteoinduction/barrier dual functions for precise bone defect repair. *Acta Biomaterialia*, **2018**, 71, 108-117	10.8	42
36	Rho-kinase inhibitor Y-27632 facilitates the proliferation, migration and pluripotency of human periodontal ligament stem cells. *Journal of Cellular and Molecular Medicine*, **2017**, 21, 3100-3112	5.6	39
35	One-Dimensional Hydroxyapatite Nanostructures with Tunable Length for Efficient Stem Cell Differentiation Regulation. *ACS Applied Materials & Interfaces*, **2017**, 9, 33717-33727	9.5	34
34	Prolyl hydroxylases positively regulated LPS-induced inflammation in human gingival fibroblasts via TLR4/MyD88-mediated AKT/NF-B and MAPK pathways. *Cell Proliferation*, **2018**, 51, e12516	7.9	31
33	Sequential application of bFGF and BMP-2 facilitates osteogenic differentiation of human periodontal ligament stem cells. *Journal of Periodontal Research*, **2019**, 54, 424-434	4.3	29
32	TiO nanorod arrays modified Ti substrates promote the adhesion, proliferation and osteogenic differentiation of human periodontal ligament stem cells. *Materials Science and Engineering C*, **2017**, 76, 684-691	8.3	27
31	PTH/SDF-1 otherapy promotes proliferation, migration and osteogenic differentiation of human periodontal ligament stem cells. *Cell Proliferation*, **2016**, 49, 599-608	7.9	27
30	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. *Materials Science and Engineering C*, **2017**, 70, 62-70	8.3	26
29	PTH/SDF-1 otherapy induces CD90+CD34- stromal cells migration and promotes tissue regeneration in a rat periodontal defect model. *Scientific Reports*, **2016**, 6, 30403	4.9	24
28	Isolation and characterization of human gingiva-derived mesenchymal stem cells using limiting dilution method. *Journal of Dental Sciences*, **2016**, 11, 304-314	2.5	20
27	Metformin Inhibits Porphyromonas gingivalis Lipopolysaccharide-Influenced Inflammatory Response in Human Gingival Fibroblasts via Regulating Activating Transcription Factor-3 Expression. *Journal of Periodontology*, **2017**, 88, e169-e178	4.6	17
26	Piezoelectric nylon-11 nanoparticles with ultrasound assistance for high-efficiency promotion of stem cell osteogenic differentiation. *Journal of Materials Chemistry B*, **2019**, 7, 1847-1854	7.3	17
25	TiO nanorod arrays as a photocatalytic coating enhanced antifungal and antibacterial efficiency of Ti substrates. *Nanomedicine*, **2017**, 12, 761-776	5.6	16
24	Calcitriol suppresses lipopolysaccharide-induced alveolar bone damage in rats by regulating T helper cell subset polarization. *Journal of Periodontal Research*, **2019**, 54, 612-623	4.3	15

23	Rho-kinase inhibitor Y-27632 downregulates LPS-induced IL-6 and IL-8 production via blocking p38 MAPK and NF-B pathways in human gingival fibroblasts. *Journal of Periodontology*, **2018**, 89, 883-893	4.6	15
22	Advancing Versatile Ferroelectric Materials Toward Biomedical Applications. *Advanced Science*, **2020**, 8, 2003074	13.6	15
21	Oxytocin facilitates the proliferation, migration and osteogenic differentiation of human periodontal stem cells in vitro. *Archives of Oral Biology*, **2019**, 99, 126-133	2.8	14
20	A method to visually observe the degradation-diffusion-reconstruction behavior of hydroxyapatite in the bone repair process. *Acta Biomaterialia*, **2020**, 101, 554-564	10.8	13
19	Hydroxyapatite nanowires modified polylactic acid membrane plays barrier/osteoinduction dual roles and promotes bone regeneration in a rat mandible defect model. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 3099-3110	5.4	13
18	Dimethyloxallyl glycine/nanosilicates-loaded osteogenic/angiogenic difunctional fibrous structure for functional periodontal tissue regeneration. *Bioactive Materials*, **2021**, 6, 1175-1188	16.7	12
17	Metformin facilitates the proliferation, migration, and osteogenic differentiation of periodontal ligament stem cells in vitro. *Cell Biology International*, **2019**, 44, 70	4.5	10
16	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. *Cell Proliferation*, **2021**, 54, e12997	7.9	10
15	Nanotextured silk fibroin/hydroxyapatite biomimetic bilayer tough structure regulated osteogenic/chondrogenic differentiation of mesenchymal stem cells for osteochondral repair. *Cell Proliferation*, **2020**, 53, e12917	7.9	9
14	Super-assembled core/shell fibrous frameworks with dual growth factors for in situ cementum-ligament-bone complex regeneration. *Biomaterials Science*, **2020**, 8, 2459-2471	7.4	6
13	Gingipain-Responsive Thermosensitive Hydrogel Loaded with SDF-1 Facilitates Periodontal Tissue Regeneration. *ACS Applied Materials & Interfaces*, **2021**, 13, 36880-36893	9.5	5
12	Prolyl hydroxylase inhibitor DMOG suppressed inflammatory cytokine production in human gingival fibroblasts stimulated with Fusobacterium nucleatum. *Clinical Oral Investigations*, **2019**, 23, 3123-3132	4.2	5
11	An in situ tissue engineering scaffold with growth factors combining angiogenesis and osteoimmunomodulatory functions for advanced periodontal bone regeneration. *Journal of Nanobiotechnology*, **2021**, 19, 247	9.4	5
10	AGGF1 inhibits the expression of inflammatory mediators and promotes angiogenesis in dental pulp cells. *Clinical Oral Investigations*, **2021**, 25, 581-592	4.2	4
9	6-Bromoindirubin-3′-oxime Promotes Osteogenic Differentiation of Periodontal Ligament Stem Cells and Facilitates Bone Regeneration in a Mouse Periodontitis Model. *ACS Biomaterials Science and Engineering*, **2021**, 7, 232-241	5.5	3
8	Sustained and Microenvironment-Accelerated Release of Minocycline from Alginate Injectable Hydrogel for Bacteria-Infected Wound Healing.. *Polymers*, **2022**, 14,	4.5	3
7	N-WASP knockdown upregulates inflammatory cytokines expression in human gingival fibroblasts. *Archives of Oral Biology*, **2020**, 110, 104605	2.8	2
6	Conversion of stem cells from apical papilla into endothelial cells by small molecules and growth factors. *Stem Cell Research and Therapy*, **2021**, 12, 266	8.3	2

5	Unilateral Silver-Loaded Silk Fibroin Difunctional Membranes as Antibacterial Wound Dressings. *ACS Omega*, **2021**, 6, 17555-17565	3.9	2
4	Advances on biodegradable zinc-silver-based alloys for biomedical applications.. *Journal of Applied Biomaterials and Functional Materials*, **2021**, 19, 22808000211062407	1.8	1
3	Development of a thermosensitive hydrogel loaded with DTT and SDF-1 facilitating in situ periodontal bone regeneration. *Chemical Engineering Journal*, **2022**, 432, 134308	14.7	1
2	Transcriptome analysis reveals the mechanism of stromal cell-derived factor-1 and exendin-4 synergistically promoted periodontal ligament stem cells osteogenic differentiation. *PeerJ*, **2021**, 9, e12091	2.1	
1	Metabolic regulation of type 2 immune response during tissue repair and regeneration. *Journal of Leukocyte Biology*,	6.5	