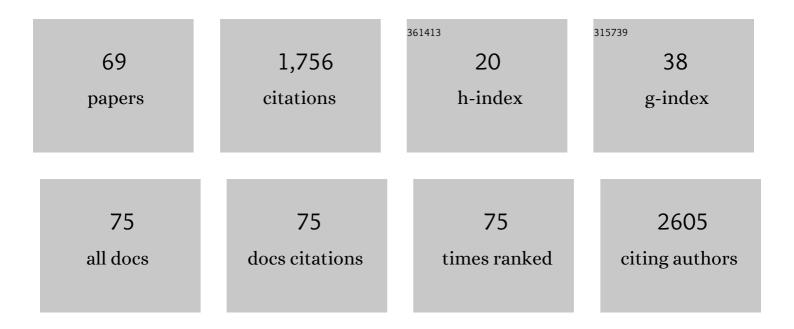
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Viscoelasticity of biofilms and their recalcitrance to mechanical and chemical challenges. FEMS Microbiology Reviews, 2015, 39, 234-245.	8.6	237
2	Potential Roles of Dental Pulp Stem Cells in Neural Regeneration and Repair. Stem Cells International, 2018, 2018, 1-15.	2.5	101
3	A Thermosensitive Heparin-Poloxamer Hydrogel Bridges aFGF to Treat Spinal Cord Injury. ACS Applied Materials & Interfaces, 2017, 9, 6725-6745.	8.0	90
4	Effects of Transplanted Heparin-Poloxamer Hydrogel Combining Dental Pulp Stem Cells and bFGF on Spinal Cord Injury Repair. Stem Cells International, 2018, 2018, 1-13.	2.5	69
5	Optogenetic Activation of Adenosine A2A Receptor Signaling in the Dorsomedial Striatopallidal Neurons Suppresses Goal-Directed Behavior. Neuropsychopharmacology, 2016, 41, 1003-1013.	5.4	67
6	Application of bioactive hydrogels combined with dental pulp stem cells for the repair of large gap peripheral nerve injuries. Bioactive Materials, 2021, 6, 638-654.	15.6	67
7	Single injection of a novel nerve growth factor coacervate improves structural and functional regeneration after sciatic nerve injury in adult rats. Experimental Neurology, 2017, 288, 1-10.	4.1	53
8	Enhanced eradication of bacterial biofilms with DNase I-loaded silver-doped mesoporous silica nanoparticles. Nanoscale, 2020, 12, 2328-2332.	5.6	53
9	Non-antibiotic antimicrobial agents to combat biofilm-forming bacteria. Journal of Global Antimicrobial Resistance, 2020, 21, 445-451.	2.2	53
10	Chronic stress promotes oral cancer growth and angiogenesis with increased circulating catecholamine and glucocorticoid levels in a mouse model. Oral Oncology, 2015, 51, 991-997.	1.5	50
11	Psychosocial impact of dental esthetics regulates motivation to seek orthodontic treatment. American Journal of Orthodontics and Dentofacial Orthopedics, 2016, 150, 476-482.	1.7	49
12	Polymer–Mesoporous Silica Nanoparticle Core–Shell Nanofibers as a Dual-Drug-Delivery System for Guided Tissue Regeneration. ACS Applied Nano Materials, 2020, 3, 1457-1467.	5.0	49
13	Thermosensitive bFGF-Modified Hydrogel with Dental Pulp Stem Cells on Neuroinflammation of Spinal Cord Injury. ACS Omega, 2020, 5, 16064-16075.	3.5	48
14	Nanoengineered hollow mesoporous silica nanoparticles for the delivery of antimicrobial proteins into biofilms. Journal of Materials Chemistry B, 2018, 6, 1899-1902.	5.8	46
15	Dental pulp stem cellâ€derived exosomes alleviate cerebral ischaemiaâ€reperfusion injury through suppressing inflammatory response. Cell Proliferation, 2021, 54, e13093.	5.3	45
16	The Corticostriatal Adenosine A2A Receptor Controls Maintenance and Retrieval of SpatialÂWorking Memory. Biological Psychiatry, 2018, 83, 530-541.	1.3	42
17	Stress Relaxation Analysis Facilitates a Quantitative Approach towards Antimicrobial Penetration into Biofilms. PLoS ONE, 2013, 8, e63750.	2.5	42
18	Microenvironment construction of strontium–calcium-based biomaterials for bone tissue regeneration: the equilibrium effect of calcium to strontium. Journal of Materials Chemistry B, 2018, 6, 2332-2339.	5.8	41

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19	Mesoporous silica rods with cone shaped pores modulate inflammation and deliver BMP-2 for bone regeneration. Nano Research, 2020, 13, 2323-2331.	10.4	39
20	Safety and efficacy assessment of allogeneic human dental pulp stem cells to treat patients with severe COVID-19: structured summary of a study protocol for a randomized controlled trial (Phase I /) Tj ETQq0 (	) 01r.gBT /C	Overlock 10 T
21	Generation of universal and hypoimmunogenic human pluripotent stem cells. Cell Proliferation, 2020, 53, e12946.	5.3	23
22	Orthodontic mechanical tension effects on the myofibroblast expression of alpha-smooth muscle actin. Angle Orthodontist, 2010, 80, 912-918.	2.4	22
23	The Regenerative Applicability of Bioactive Glass and Beta-Tricalcium Phosphate in Bone Tissue Engineering: A Transformation Perspective. Journal of Functional Biomaterials, 2019, 10, 16.	4.4	22
24	Hypoxia response element-directed expression of bFGF in dental pulp stem cells improve the hypoxic environment by targeting pericytes in SCI rats. Bioactive Materials, 2021, 6, 2452-2466.	15.6	21
25	A Scoping Review of 4 Decades of Outcomes in Nonsurgical Root Canal Treatment, Nonsurgical Retreatment, and Apexification Studies—Part 2: Outcome Measures. Journal of Endodontics, 2022, 48, 29-39.	3.1	20
26	Double-layered microsphere based dual growth factor delivery system for guided bone regeneration. RSC Advances, 2018, 8, 16503-16512.	3.6	18
27	15,16-dihydrotanshinone I Induces Apoptosis and Inhibits the Proliferation, Migration of Human Osteosarcoma Cell Line 143B in vitro. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1234-1242.	1.7	17
28	Adenosine A <sub>1</sub> Receptors Selectively Modulate Oxygen-Induced Retinopathy at the Hyperoxic and Hypoxic Phases by Distinct Cellular Mechanisms. , 2015, 56, 8108.		16
29	Neural Stem Cells Expressing bFGF Reduce Brain Damage and Restore Sensorimotor Function after Neonatal Hypoxia-Ischemia. Cellular Physiology and Biochemistry, 2018, 45, 108-118.	1.6	16
30	Pharmacological Blockade of Adenosine A2A but Not A1 Receptors Enhances Goal-Directed Valuation in Satiety-Based Instrumental Behavior. Frontiers in Pharmacology, 2018, 9, 393.	3.5	16
31	Effects and mechanisms of basic fibroblast growth factor on the proliferation and regenerative profiles of cryopreserved dental pulp stem cells. Cell Proliferation, 2021, 54, e12969.	5.3	16
32	Lithium chloride promotes osteogenesis and suppresses apoptosis during orthodontic tooth movement in osteoporotic model via regulating autophagy. Bioactive Materials, 2021, 6, 3074-3084.	15.6	16
33	Antimicrobial penetration in a dual-species oral biofilm after noncontact brushing: an in vitro study. Clinical Oral Investigations, 2014, 18, 1103-1109.	3.0	15
34	MicroRNAs Involved in the Regulation of Angiogenesis in Bone Regeneration. Calcified Tissue International, 2019, 105, 223-238.	3.1	15
35	Metal–Organic Framework-Based Composites for Protein Delivery and Therapeutics. ACS Biomaterials Science and Engineering, 2022, 8, 4028-4038.	5.2	15
36	Effect of codeine on CYP450 isoform activity of rats. Pharmaceutical Biology, 2017, 55, 1223-1227.	2.9	14

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37	BRD4 Inhibition Protects Against Acute Pancreatitis Through Restoring Impaired Autophagic Flux. Frontiers in Pharmacology, 2020, 11, 618.	3.5	13
38	Myocardial protection by heparin-based coacervate of FGF10. Bioactive Materials, 2021, 6, 1867-1877.	15.6	12
39	Inhibition of nicotinamide phosphoribosyltransferase protects against acute pancreatitis via modulating macrophage polarization and its related metabolites. Pancreatology, 2021, 21, 870-883.	1.1	11
40	Shape memory behaviour of gelatin – alginate interpenetrating network hydrogel. Materials Letters, 2020, 260, 126968.	2.6	10
41	Activation of α7nACh receptor protects against acute pancreatitis through enhancing TFEB-regulated autophagy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165971.	3.8	10
42	A Scoping Review of 4 Decades of Outcomes in Nonsurgical Root Canal Treatment, Nonsurgical Retreatment, and Apexification Studies—Part 1: Process and General Results. Journal of Endodontics, 2022, 48, 15-28.	3.1	10
43	Biocompatibility and safety evaluation of a silk fibroin-doped calcium polyphosphate scaffold copolymer in vitro and in vivo. RSC Advances, 2017, 7, 46036-46044.	3.6	9
44	Legumain promotes fibrogenesis in chronic pancreatitis via activation of transforming growth factor β1. Journal of Molecular Medicine, 2020, 98, 863-874.	3.9	9
45	Striatopallidal adenosine A2A receptors in the nucleus accumbens confer motivational control of goal-directed behavior. Neuropharmacology, 2020, 168, 108010.	4.1	9
46	SIRT6 Promotes Osteogenic Differentiation of Adipose-Derived Mesenchymal Stem Cells Through Antagonizing DNMT1. Frontiers in Cell and Developmental Biology, 2021, 9, 648627.	3.7	9
47	An Evaluation of Norspermidine on Anti-fungal Effect on Mature Candida albicans Biofilms and Angiogenesis Potential of Dental Pulp Stem Cells. Frontiers in Bioengineering and Biotechnology, 2020, 8, 948.	4.1	8
48	Dronabinol inhibits alveolar bone remodeling in tooth movement of rats. American Journal of Orthodontics and Dentofacial Orthopedics, 2022, 161, e215-e222.	1.7	8
49	Synergistic effect of wire bending and salivary pH on surface properties and mechanical properties of orthodontic stainless steel archwires. Progress in Orthodontics, 2015, 16, 37.	3.5	7
50	Striatopallidal Pathway Distinctly Modulates Goal-Directed Valuation and Acquisition of Instrumental Behavior via Striatopallidal Output Projections. Cerebral Cortex, 2020, 30, 1366-1381.	2.9	7
51	Dopamine D2 receptor activator quinpirole protects against trypsinogen activation during acute pancreatitis via upregulating HSP70. American Journal of Physiology - Renal Physiology, 2020, 318, G1000-G1012.	3.4	7
52	<b>α</b> -Synuclein Selectively Impairs Motor Sequence Learning and Value Sensitivity: Reversal by the Adenosine A2A Receptor Antagonists. Cerebral Cortex, 2022, 32, 808-823.	2.9	7
53	Titanium Nanotube Modified With Silver Cross-Linked Basic Fibroblast Growth Factor Improves Osteoblastic Activities of Dental Pulp Stem Cells and Antibacterial Effect. Frontiers in Cell and Developmental Biology, 2021, 9, 654654.	3.7	7
54	Dental pulp stem cellsâ€based therapy for the oviduct injury via immunomodulation and angiogenesis in vivo. Cell Proliferation, 2022, 55, .	5.3	6

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55	Individualized intervention to reduce anxiety in adult orthodontic patients based on Q methodology. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 152, 161-170.	1.7	5
56	Classification and Characteristics of Mesenchymal Stem Cells and Its Potential Therapeutic Mechanisms and Applications against Ischemic Stroke. Stem Cells International, 2021, 2021, 1-13.	2.5	5
57	Influence of Fluoride-Resistant Streptococcus mutans Within Antagonistic Dual-Species Biofilms Under Fluoride In Vitro. Frontiers in Cellular and Infection Microbiology, 2022, 12, 801569.	3.9	5
58	Dental pulp stem cell transplantation facilitates neuronal neuroprotection following cerebral ischemic stroke. Biomedicine and Pharmacotherapy, 2022, 152, 113234.	5.6	5
59	Coating a shell on alginate microsphere by liquid phase deposition. Materials Letters, 2017, 188, 152-155.	2.6	4
60	Biological Behavioral Alterations of the Post-neural Differentiated Dental Pulp Stem Cells Through an in situ Microenvironment. Frontiers in Cell and Developmental Biology, 2020, 8, 625151.	3.7	3
61	Role of magnesium-doped calcium sulfate and β-tricalcium phosphate composite ceramics in macrophage polarization and osteo-induction. Odontology / the Society of the Nippon Dental University, 2022, 110, 735-746.	1.9	3
62	Inhibition of Matrix Metalloproteinase with BB-94 Protects against Caerulein-Induced Pancreatitis via Modulating Neutrophil and Macrophage Activation. Gastroenterology Research and Practice, 2020, 2020, 1-10.	1.5	2
63	3D Printing for Oral and Maxillofacial Regeneration. , 2022, , 93-119.		2
64	Determination of modafinil in rat plasma by UPLC-MS/MS and a study of its pharmacokinetics and bioavailability. Acta Chromatographica, 2023, 35, 187-192.	1.3	2
65	Clinical evidence in the treatment of white spot lesions following fixed orthodontic therapy: a meta-analysis. Australasian Orthodontic Journal, 2018, 34, 45-60.	0.3	1
66	Reg4 regulates pancreatic regeneration following pancreatitis via modulating the Notch signaling. Journal of Cellular Physiology, 2021, 236, 7565-7577.	4.1	1
67	Construction of \$\$hbox {CaF}_{2}\$\$-appended PVA nanofibre scaffold. Bulletin of Materials Science, 2018, 41, 1.	1.7	0
68	Ischemia-Challenged human umbilical vascular endothelial cells: Proteomics data. Data in Brief, 2021, 36, 107121.	1.0	0
69	Regenerative Approaches in Orthodontic and Orthopedic Treatment. , 2021, , 151-170.		0