

Helen He

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,756
citations

361413

20
h-index

315739

38
g-index

75
all docs

75
docs citations

75
times ranked

2605
citing authors

#	ARTICLE	IF	CITATIONS
1	Viscoelasticity of biofilms and their recalcitrance to mechanical and chemical challenges. <i>FEMS Microbiology Reviews</i> , 2015, 39, 234-245.	8.6	237
2	Potential Roles of Dental Pulp Stem Cells in Neural Regeneration and Repair. <i>Stem Cells International</i> , 2018, 2018, 1-15.	2.5	101
3	A Thermosensitive Heparin-Poloxamer Hydrogel Bridges aFGF to Treat Spinal Cord Injury. <i>ACS Applied Materials & Interfaces</i> , 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. <i>Stem Cells International</i> , 2018, 2018, 1-13.	2.5	69
5	Optogenetic Activation of Adenosine A2A Receptor Signaling in the Dorsomedial Striatopallidal Neurons Suppresses Goal-Directed Behavior. <i>Neuropsychopharmacology</i> , 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. <i>Bioactive Materials</i> , 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. <i>Experimental Neurology</i> , 2017, 288, 1-10.	4.1	53
8	Enhanced eradication of bacterial biofilms with DNase I-loaded silver-doped mesoporous silica nanoparticles. <i>Nanoscale</i> , 2020, 12, 2328-2332.	5.6	53
9	Non-antibiotic antimicrobial agents to combat biofilm-forming bacteria. <i>Journal of Global Antimicrobial Resistance</i> , 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. <i>Oral Oncology</i> , 2015, 51, 991-997.	1.5	50
11	Psychosocial impact of dental esthetics regulates motivation to seek orthodontic treatment. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 150, 476-482.	1.7	49
12	Polymer- <i>“</i> Mesoporous Silica Nanoparticle Core <i>”</i> Shell Nanofibers as a Dual-Drug-Delivery System for Guided Tissue Regeneration. <i>ACS Applied Nano Materials</i> , 2020, 3, 1457-1467.	5.0	49
13	Thermosensitive bFGF-Modified Hydrogel with Dental Pulp Stem Cells on Neuroinflammation of Spinal Cord Injury. <i>ACS Omega</i> , 2020, 5, 16064-16075.	3.5	48
14	Nanoengineered hollow mesoporous silica nanoparticles for the delivery of antimicrobial proteins into biofilms. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1899-1902.	5.8	46
15	Dental pulp stem cell-derived exosomes alleviate cerebral ischaemia-reperfusion injury through suppressing inflammatory response. <i>Cell Proliferation</i> , 2021, 54, e13093.	5.3	45
16	The Corticostriatal Adenosine A2A Receptor Controls Maintenance and Retrieval of Spatial Working Memory. <i>Biological Psychiatry</i> , 2018, 83, 530-541.	1.3	42
17	Stress Relaxation Analysis Facilitates a Quantitative Approach towards Antimicrobial Penetration into Biofilms. <i>PLoS ONE</i> , 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. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2332-2339.	5.8	41

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37	BRD4 Inhibition Protects Against Acute Pancreatitis Through Restoring Impaired Autophagic Flux. <i>Frontiers in Pharmacology</i> , 2020, 11, 618.	3.5	13
38	Myocardial protection by heparin-based coacervate of FGF10. <i>Bioactive Materials</i> , 2021, 6, 1867-1877.	15.6	12
39	Inhibition of nicotinamide phosphoribosyltransferase protects against acute pancreatitis via modulating macrophage polarization and its related metabolites. <i>Pancreatology</i> , 2021, 21, 870-883.	1.1	11
40	Shape memory behaviour of gelatin " alginate interpenetrating network hydrogel. <i>Materials Letters</i> , 2020, 260, 126968.	2.6	10
41	Activation of $\hat{1}\pm 7nACh$ receptor protects against acute pancreatitis through enhancing TFEB-regulated autophagy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 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. <i>Journal of Endodontics</i> , 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. <i>RSC Advances</i> , 2017, 7, 46036-46044.	3.6	9
44	Legumain promotes fibrogenesis in chronic pancreatitis via activation of transforming growth factor $\hat{1}^21$. <i>Journal of Molecular Medicine</i> , 2020, 98, 863-874.	3.9	9
45	Striatopallidal adenosine A2A receptors in the nucleus accumbens confer motivational control of goal-directed behavior. <i>Neuropharmacology</i> , 2020, 168, 108010.	4.1	9
46	SIRT6 Promotes Osteogenic Differentiation of Adipose-Derived Mesenchymal Stem Cells Through Antagonizing DNMT1. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 648627.	3.7	9
47	An Evaluation of Norspermidine on Anti-fungal Effect on Mature <i>Candida albicans</i> Biofilms and Angiogenesis Potential of Dental Pulp Stem Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 948.	4.1	8
48	Dronabinol inhibits alveolar bone remodeling in tooth movement of rats. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 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. <i>Progress in Orthodontics</i> , 2015, 16, 37.	3.5	7
50	Striatopallidal Pathway Distinctly Modulates Goal-Directed Valuation and Acquisition of Instrumental Behavior via Striatopallidal Output Projections. <i>Cerebral Cortex</i> , 2020, 30, 1366-1381.	2.9	7
51	Dopamine D2 receptor activator quinpirole protects against trypsinogen activation during acute pancreatitis via upregulating HSP70. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G1000-G1012.	3.4	7
52	$\langle b \rangle \hat{1}\pm \langle /b \rangle$ -Synuclein Selectively Impairs Motor Sequence Learning and Value Sensitivity: Reversal by the Adenosine A2A Receptor Antagonists. <i>Cerebral Cortex</i> , 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. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 654654.	3.7	7
54	Dental pulp stem cells"based therapy for the oviduct injury via immunomodulation and angiogenesis in vivo. <i>Cell Proliferation</i> , 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 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