

Mei Yu

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,439
citations

394421

19
h-index

361022

35
g-index

53
all docs

53
docs citations

53
times ranked

1910
citing authors

#	ARTICLE	IF	CITATIONS
1	Autographa californica Multiple Nucleopolyhedrovirus Nucleocapsid Assembly Is Interrupted upon Deletion of the 38K Gene. <i>Journal of Virology</i> , 2006, 80, 11475-11485.	3.4	113
2	Combination of aligned PLGA/Gelatin electrospun sheets, native dental pulp extracellular matrix and treated dentin matrix as substrates for tooth root regeneration. <i>Biomaterials</i> , 2015, 52, 56-70.	11.4	113
3	Physiological and pathological impact of exosomes of adipose tissue. <i>Cell Proliferation</i> , 2016, 49, 3-13.	5.3	96
4	miR-450a-5p within rat adipose tissue exosome-like vesicles promotes adipogenic differentiation by targeting WISP2. <i>Journal of Cell Science</i> , 2017, 130, 1158-1168.	2.0	78
5	Cryopreserved dentin matrix as a scaffold material for dentin-pulp tissue regeneration. <i>Biomaterials</i> , 2014, 35, 4929-4939.	11.4	66
6	Improved Fat Graft Survival by Different Volume Fractions of Platelet-Rich Plasma and Adipose-Derived Stem Cells. <i>Aesthetic Surgery Journal</i> , 2015, 35, 319-333.	1.6	64
7	TGF- β 1 and FGF2 Stimulate the Epithelial-Mesenchymal Transition of HERS Cells Through a MEK-Dependent Mechanism. <i>Journal of Cellular Physiology</i> , 2014, 229, 1647-1659.	4.1	63
8	Comparison of Odontogenic Differentiation of Human Dental Follicle Cells and Human Dental Papilla Cells. <i>PLoS ONE</i> , 2013, 8, e62332.	2.5	62
9	Exosome-Like Vesicles Derived from Adipose Tissue Provide Biochemical Cues for Adipose Tissue Regeneration. <i>Tissue Engineering - Part A</i> , 2017, 23, 1221-1230.	3.1	53
10	CAD based design sensitivity analysis and shape optimization of scaffolds for bio-root regeneration in swine. <i>Biomaterials</i> , 2015, 57, 59-72.	11.4	46
11	Treated dentin matrix paste as a novel pulp capping agent for dentin regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3428-3436.	2.7	40
12	Metabolic reprogramming by HIF-1 α activation enhances survivability of human adipose-derived stem cells in ischaemic microenvironments. <i>Cell Proliferation</i> , 2017, 50, .	5.3	38
13	Hertwig's epithelial root sheath cells regulate osteogenic differentiation of dental follicle cells through the Wnt pathway. <i>Bone</i> , 2014, 63, 158-165.	2.9	35
14	DNA Demethylation Rescues the Impaired Osteogenic Differentiation Ability of Human Periodontal Ligament Stem Cells in High Glucose. <i>Scientific Reports</i> , 2016, 6, 27447.	3.3	34
15	A Therapeutic Strategy for Spinal Cord Defect: Human Dental Follicle Cells Combined with Aligned PCL/PLGA Electrospun Material. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	33
16	Comparison of human dental follicle cells and human periodontal ligament cells for dentin tissue regeneration. <i>Regenerative Medicine</i> , 2015, 10, 461-479.	1.7	27
17	Secretory Factors From Rat Adipose Tissue Explants Promote Adipogenesis and Angiogenesis. <i>Artificial Organs</i> , 2014, 38, E33-45.	1.9	24
18	Wnt5a regulates the cell proliferation and adipogenesis via MAPK-independent pathway in early stage of obesity. <i>Cell Biology International</i> , 2018, 42, 63-74.	3.0	24

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19	Comparison of the Odontogenic Differentiation Potential of Dental Follicle, Dental Papilla, and Cranial Neural Crest Cells. <i>Journal of Endodontics</i> , 2015, 41, 1091-1099.	3.1	22
20	Physioxia: a more effective approach for culturing human adipose-derived stem cells for cell transplantation. <i>Stem Cell Research and Therapy</i> , 2018, 9, 148.	5.5	21
21	Characterization of a baculovirus nuclear localization signal domain in the late expression factor 3 protein. <i>Virology</i> , 2009, 385, 209-217.	2.4	20
22	GSK3 β regulates ameloblast differentiation via Wnt and TGF β pathways. <i>Journal of Cellular Physiology</i> , 2018, 233, 5322-5333.	4.1	20
23	Identification of Novel Adipokines through Proteomic Profiling of Small Extracellular Vesicles Derived from Adipose Tissue. <i>Journal of Proteome Research</i> , 2020, 19, 3130-3142.	3.7	20
24	Schwann cells secrete extracellular vesicles to promote and maintain the proliferation and multipotency of hDPCs. <i>Cell Proliferation</i> , 2017, 50, .	5.3	19
25	Recent developments and clinical potential on decellularized adipose tissue. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2563-2574.	4.0	19
26	<p>Comparison of the Therapeutic Effect of Allogeneic and Xenogeneic Small Extracellular Vesicles in Soft Tissue Repair</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6975-6991.	6.7	19
27	Biomechanical analysis and comparison of 12 dental implant systems using 3D finite element study. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2015, 18, 1340-1348.	1.6	18
28	Characterization of gp41 gene of Spodoptera litura multicapsid nucleopolyhedrovirus. <i>Virus Research</i> , 2005, 110, 73-79.	2.2	17
29	The Potential of Dental Stem Cells Differentiating into Neurogenic Cell Lineage after Cultivation in Different Modes <i>In Vitro</i> . <i>Cellular Reprogramming</i> , 2014, 16, 379-391.	0.9	17
30	Identification of the Apoptosis Inhibitor Gene p49 of Spodoptera litura Multicapsid Nucleopolyhedrovirus. <i>Virus Genes</i> , 2005, 31, 145-151.	1.6	16
31	Identification of a Domain of the Baculovirus <i>Autographa californica</i> Multiple Nucleopolyhedrovirus Single-Strand DNA-Binding Protein LEF-3 Essential for Viral DNA Replication. <i>Journal of Virology</i> , 2010, 84, 6153-6162.	3.4	15
32	Inhibition of Ape1 Redox Activity Promotes Odonto/osteogenic Differentiation of Dental Papilla Cells. <i>Scientific Reports</i> , 2015, 5, 17483.	3.3	15
33	Therapeutic applications of conditioned medium from adipose tissue. <i>Cell Proliferation</i> , 2016, 49, 561-567.	5.3	15
34	Functional analysis of Spodoptera litura nucleopolyhedrovirus p49 gene during <i>Autographa californica</i> nucleopolyhedrovirus infection of SpLi-221 cells. <i>Virus Genes</i> , 2010, 41, 441-449.	1.6	14
35	Expression of Nfic during root formation in first mandibular molar of rat. <i>Journal of Molecular Histology</i> , 2014, 45, 619-626.	2.2	14
36	Disruption of kif3a results in defective osteoblastic differentiation in dental mesenchymal stem/precursor cells via the Wnt signaling pathway. <i>Molecular Medicine Reports</i> , 2016, 14, 1891-1900.	2.4	13

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37	Characterization of p24 Gene of Spodoptera litura Multicapsid Nucleopolyhedrovirus. <i>Virus Genes</i> , 2005, 30, 349-356.	1.6	12
38	Phenotype-related drug sensitivity analysis of single CTCs for medicine evaluation. <i>Chemical Science</i> , 2020, 11, 8895-8900.	7.4	12
39	Preservation of Small Extracellular Vesicle in Gelatin Methacryloyl Hydrogel Through Reduced Particles Aggregation for Therapeutic Applications. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7831-7846.	6.7	12
40	Comparison of two cell-free therapeutics derived from adipose tissue: small extracellular vesicles versus conditioned medium. <i>Stem Cell Research and Therapy</i> , 2022, 13, 86.	5.5	10
41	Optimizing adipose tissue extract isolation with stirred suspension culture. <i>Connective Tissue Research</i> , 2019, 60, 178-188.	2.3	9
42	Choristoneura fumiferana multiple nucleopolyhedrovirus LEF-3â€P143 complex can complement DNA replication and budded virus in an AcMNPV LEF-3â€P143 double knockout bacmid. <i>Journal of General Virology</i> , 2012, 93, 383-388.	2.9	8
43	Expression and roles of syndecan-4 in dental epithelial cell differentiation. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1301-1308.	4.0	8
44	Tumorigenicity analysis of heterogeneous dental stem cells and its self-modification for chromosome instability. <i>Cell Cycle</i> , 2015, 14, 3396-3407.	2.6	8
45	Effect of canonical NF-ÎB signaling pathway on the differentiation of rat dental epithelial stem cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 139.	5.5	8
46	Diverse RNAs in adipose-derived extracellular vesicles and their therapeutic potential. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 665-677.	5.1	7
47	Nucleophosmin3 carried by small extracellular vesicles contribute to white adipose tissue browning. <i>Journal of Nanobiotechnology</i> , 2022, 20, 165.	9.1	7
48	Characterization of bro-a Gene of Spodoptera litura Multicapsid Nucleopolyhedrovirus. <i>Virus Genes</i> , 2004, 28, 231-238.	1.6	4
49	Characterization of an Autographa californica multiple nucleopolyhedrovirus mutant lacking the ac39(p43) gene. <i>Virus Research</i> , 2011, 155, 300-306.	2.2	4
50	Effects of macrophage regulation on fat grafting survival: Improvement, mechanisms, and potential applicationâ€A review. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 54-61.	1.6	4
51	<i>In vitro</i> threeâ€dimensional development of mouse molar tooth germs in a rotary cell culture system. <i>International Journal of Paediatric Dentistry</i> , 2014, 24, 175-183.	1.8	3