

Ren-He Xu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,175
citations

361413

20
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

4855
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of human mesenchymal stem cells resistant to multiple natural killer subtypes. <i>International Journal of Biological Sciences</i> , 2022, 18, 426-440.	6.4	3
2	The global case fatality rate of coronavirus disease 2019 by continents and national income: A meta-analysis. <i>Journal of Medical Virology</i> , 2022, 94, 2402-2413.	5.0	46
3	mRNA vaccines for COVID-19: what, why and how. <i>International Journal of Biological Sciences</i> , 2021, 17, 1446-1460.	6.4	185
4	Human ESC-derived MSCs enhance fat engraftment by promoting adipocyte reaggregation, secreting CCL2 and mobilizing macrophages. <i>Biomaterials</i> , 2021, 272, 120756.	11.4	8
5	Stagewise keratinocyte differentiation from human embryonic stem cells by defined signal transduction modulators. <i>International Journal of Biological Sciences</i> , 2020, 16, 1450-1462.	6.4	13
6	COVID-19: what has been learned and to be learned about the novel coronavirus disease. <i>International Journal of Biological Sciences</i> , 2020, 16, 1753-1766.	6.4	579
7	PI3K/Akt signaling pathway is essential for de novo hair follicle regeneration. <i>Stem Cell Research and Therapy</i> , 2020, 11, 144.	5.5	51
8	Alternative splicing in mesenchymal stem cell differentiation. <i>Stem Cells</i> , 2020, 38, 1229-1240.	3.2	28
9	Noninvasive application of mesenchymal stem cell spheres derived from hESC accelerates wound healing in a CXCL12-CXCR4 axis-dependent manner. <i>Theranostics</i> , 2019, 9, 6112-6128.	10.0	33
10	Transplantation of human ESC-derived mesenchymal stem cell spheroids ameliorates spontaneous osteoarthritis in rhesus macaques. <i>Theranostics</i> , 2019, 9, 6587-6600.	10.0	31
11	TSA restores hair follicle-inductive capacity of skin-derived precursors. <i>Scientific Reports</i> , 2019, 9, 2867.	3.3	18
12	Concise Review: Mesenchymal Stem Cells Derived from Human Pluripotent Cells, an Unlimited and Quality-Controllable Source for Therapeutic Applications. <i>Stem Cells</i> , 2019, 37, 572-581.	3.2	76
13	PAX6 Alternative Splicing and Corneal Development. <i>Stem Cells and Development</i> , 2018, 27, 367-377.	2.1	13
14	A Standard Nomenclature for Referencing and Authentication of Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 1-6.	4.8	53
15	Universal Corneal Epithelial-Like Cells Derived from Human Embryonic Stem Cells for Cellularization of a Corneal Scaffold. <i>Translational Vision Science and Technology</i> , 2018, 7, 23.	2.2	17
16	Generation of Mesenchymal Stem Cells from Human Embryonic Stem Cells in a Complete Serum-free Condition. <i>International Journal of Biological Sciences</i> , 2018, 14, 1901-1909.	6.4	25
17	Scalable Generation of Mesenchymal Stem Cells from Human Embryonic Stem Cells in 3D. <i>International Journal of Biological Sciences</i> , 2018, 14, 1196-1210.	6.4	31
18	Intrathecal delivery of human ESC-derived mesenchymal stem cell spheres promotes recovery of a primate multiple sclerosis model. <i>Cell Death Discovery</i> , 2018, 4, 28.	4.7	29

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19	Novel Variants Identified in Multiple Sclerosis Patients From Southern China. <i>Frontiers in Neurology</i> , 2018, 9, 582.	2.4	4
20	Critical Role of Tumor Necrosis Factor Signaling in Mesenchymal Stem Cell-Based Therapy for Autoimmune and Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2018, 9, 1658.	4.8	77
21	Heterogenic transplantation of bone marrow-derived rhesus macaque mesenchymal stem cells ameliorates liver fibrosis induced by carbon tetrachloride in mouse. <i>PeerJ</i> , 2018, 6, e4336.	2.0	15
22	Spheroidal formation preserves human stem cells for prolonged time under ambient conditions for facile storage and transportation. <i>Biomaterials</i> , 2017, 133, 275-286.	11.4	50
23	Recapitulating and Correcting Marfan Syndrome in a Cellular Model. <i>International Journal of Biological Sciences</i> , 2017, 13, 588-603.	6.4	19
24	Mesenchymal Stem Cells Attenuate Radiation-Induced Brain Injury by Inhibiting Microglia Pyroptosis. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	56
25	CRISPR/Cas9-AAV Mediated Knock-in at NRL Locus in Human Embryonic Stem Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e393.	5.1	9
26	Concise Review: One Stone for Multiple Birds: Generating Universally Compatible Human Embryonic Stem Cells. <i>Stem Cells</i> , 2016, 34, 2269-2275.	3.2	31
27	Immune modulatory mesenchymal stem cells derived from human embryonic stem cells through a trophoblast-like stage. <i>Stem Cells</i> , 2016, 34, 380-391.	3.2	55
28	Human ESC-Derived MSCs Outperform Bone Marrow MSCs in the Treatment of an EAE Model of Multiple Sclerosis. <i>Stem Cell Reports</i> , 2014, 3, 115-130.	4.8	140
29	NANOG Is a Direct Target of TGF β ² /Activin-Mediated SMAD Signaling in Human ESCs. <i>Cell Stem Cell</i> , 2008, 3, 196-206.	11.1	446
30	BMP4 initiates human embryonic stem cell differentiation to trophoblast. <i>Nature Biotechnology</i> , 2002, 20, 1261-1264.	17.5	1,033