Ren-He Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4028560/publications.pdf

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		361413	434195
30	3,175	20	31
papers	citations	h-index	g-index

32	32	32	4855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BMP4 initiates human embryonic stem cell differentiation to trophoblast. Nature Biotechnology, 2002, 20, 1261-1264.	17.5	1,033
2	COVID-19: what has been learned and to be learned about the novel coronavirus disease. International Journal of Biological Sciences, 2020, 16, 1753-1766.	6.4	579
3	NANOG Is a Direct Target of TGFÎ²/Activin-Mediated SMAD Signaling in Human ESCs. Cell Stem Cell, 2008, 3, 196-206.	11.1	446
4	mRNA vaccines for COVID-19: what, why and how. International Journal of Biological Sciences, 2021, 17, 1446-1460.	6.4	185
5	Human ESC-Derived MSCs Outperform Bone Marrow MSCs in the Treatment of an EAE Model of Multiple Sclerosis. Stem Cell Reports, 2014, 3, 115-130.	4.8	140
6	Critical Role of Tumor Necrosis Factor Signaling in Mesenchymal Stem Cell-Based Therapy for Autoimmune and Inflammatory Diseases. Frontiers in Immunology, 2018, 9, 1658.	4.8	77
7	Concise Review: Mesenchymal Stem Cells Derived from Human Pluripotent Cells, an Unlimited and Quality-Controllable Source for Therapeutic Applications. Stem Cells, 2019, 37, 572-581.	3.2	76
8	Mesenchymal Stem Cells Attenuate Radiation-Induced Brain Injury by Inhibiting Microglia Pyroptosis. BioMed Research International, 2017, 2017, 1-11.	1.9	56
9	Immune modulatory mesenchymal stem cells derived from human embryonic stem cells through a trophoblast-like stage. Stem Cells, 2016, 34, 380-391.	3.2	55
10	A Standard Nomenclature for Referencing and Authentication of Pluripotent Stem Cells. Stem Cell Reports, 2018, 10, 1-6.	4.8	53
11	PI3K/Akt signaling pathway is essential for de novo hair follicle regeneration. Stem Cell Research and Therapy, 2020, 11, 144.	5.5	51
12	Spheroidal formation preserves human stem cells for prolonged time under ambient conditions for facile storage and transportation. Biomaterials, 2017, 133, 275-286.	11.4	50
13	The global case fatality rate of coronavirus disease 2019Âby continents and national income: A metaâ€anâ€analysis. Journal of Medical Virology, 2022, 94, 2402-2413.	5.0	46
14	Noninvasive application of mesenchymal stem cell spheres derived from hESC accelerates wound healing in a CXCL12-CXCR4 axis-dependent manner. Theranostics, 2019, 9, 6112-6128.	10.0	33
15	Concise Review: One Stone for Multiple Birds: Generating Universally Compatible Human Embryonic Stem Cells. Stem Cells, 2016, 34, 2269-2275.	3.2	31
16	Scalable Generation of Mesenchymal Stem Cells from Human Embryonic Stem Cells in 3D. International Journal of Biological Sciences, 2018, 14, 1196-1210.	6.4	31
17	Transplantation of human ESC-derived mesenchymal stem cell spheroids ameliorates spontaneous osteoarthritis in rhesus macaques. Theranostics, 2019, 9, 6587-6600.	10.0	31
18	Intrathecal delivery of human ESC-derived mesenchymal stem cell spheres promotes recovery of a primate multiple sclerosis model. Cell Death Discovery, 2018, 4, 28.	4.7	29

#	Article	IF	Citations
19	Alternative splicing in mesenchymal stem cell differentiation. Stem Cells, 2020, 38, 1229-1240.	3.2	28
20	Generation of Mesenchymal Stem Cells from Human Embryonic Stem Cells in a Complete Serum-free Condition. International Journal of Biological Sciences, 2018, 14, 1901-1909.	6.4	25
21	Recapitulating and Correcting Marfan Syndrome in a Cellular Model. International Journal of Biological Sciences, 2017, 13, 588-603.	6.4	19
22	TSA restores hair follicle-inductive capacity of skin-derived precursors. Scientific Reports, 2019, 9, 2867.	3.3	18
23	Universal Corneal Epithelial-Like Cells Derived from Human Embryonic Stem Cells for Cellularization of a Corneal Scaffold. Translational Vision Science and Technology, 2018, 7, 23.	2.2	17
24	Heterogenic transplantation of bone marrow-derived rhesus macaque mesenchymal stem cells ameliorates liver fibrosis induced by carbon tetrachloride in mouse. PeerJ, 2018, 6, e4336.	2.0	15
25	PAX6 Alternative Splicing and Corneal Development. Stem Cells and Development, 2018, 27, 367-377.	2.1	13
26	Stagewise keratinocyte differentiation from human embryonic stem cells by defined signal transduction modulators. International Journal of Biological Sciences, 2020, 16, 1450-1462.	6.4	13
27	CRISPR/Cas9-AAV Mediated Knock-in at NRL Locus in Human Embryonic Stem Cells. Molecular Therapy - Nucleic Acids, 2016, 5, e393.	5.1	9
28	Human ESC-derived MSCs enhance fat engraftment by promoting adipocyte reaggregation, secreting CCL2 and mobilizing macrophages. Biomaterials, 2021, 272, 120756.	11.4	8
29	Novel Variants Identified in Multiple Sclerosis Patients From Southern China. Frontiers in Neurology, 2018, 9, 582.	2.4	4
30	Engineering of human mesenchymal stem cells resistant to multiple natural killer subtypes. International Journal of Biological Sciences, 2022, 18, 426-440.	6.4	3