Tong Ming Liu

List of Publications by Year
in descending order

21 papers	1,798 citations	623188 14 h-index	794141 19 g-index
21 all docs	21 docs citations	21 times ranked	2944 citing authors

#	Article	IF	Citations
1	Identification of Common Pathways Mediating Differentiation of Bone Marrow- and Adipose Tissue-Derived Human Mesenchymal Stem Cells into Three Mesenchymal Lineages. Stem Cells, 2007, 25, 750-760.	1.4	377
2	Derivation of Clinically Compliant MSCs from CD105+, CD24â^' Differentiated Human ESCs. Stem Cells, 2007, 25, 425-436.	1.4	303
3	Transcriptional Regulatory Cascades in Runx2-Dependent Bone Development. Tissue Engineering - Part B: Reviews, 2013, 19, 254-263.	2.5	253
4	Establishment of a normal medakafish spermatogonial cell line capable of sperm production in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8011-8016.	3.3	193
5	Effects of Ectopic Nanog and Oct4 Overexpression on Mesenchymal Stem Cells. Stem Cells and Development, 2009, 18, 1013-1022.	1.1	143
6	The toxic effects of microcystin-LR on embryo-larval and juvenile development of loach, Misguruns mizolepis Gunthe. Toxicon, 2002, 40, 395-399.	0.8	92
7	Concise Review: Balancing Stem Cell Self-Renewal and Differentiation with PLZF. Stem Cells, 2016, 34, 277-287.	1.4	69
8	Zincâ€finger protein 145, acting as an upstream regulator of SOX9, improves the differentiation potential of human mesenchymal stem cells for cartilage regeneration and repair. Arthritis and Rheumatism, 2011, 63, 2711-2720.	6.7	60
9	Molecular Basis of Immortalization of Human Mesenchymal Stem Cells by Combination of p53 Knockdown and Human Telomerase Reverse Transcriptase Overexpression. Stem Cells and Development, 2013, 22, 268-278.	1.1	56
10	Activation of the mouse Oct4 promoter in medaka embryonic stem cells and its use for ablation of spontaneous differentiation. Mechanisms of Development, 2004, 121, 933-943.	1.7	46
11	Human Finger-Prick Induced Pluripotent Stem Cells Facilitate the Development of Stem Cell Banking. Stem Cells Translational Medicine, 2014, 3, 586-598.	1.6	41
12	Temporal Activation of Î²-Catenin Signaling in the Chondrogenic Process of Mesenchymal Stem Cells Affects the Phenotype of the Cartilage Generated. Stem Cells and Development, 2012, 21, 1966-1976.	1.1	36
13	Reprogramming mouse fibroblasts into engraftable myeloerythroid and lymphoid progenitors. Nature Communications, 2016, 7, 13396.	5.8	22
14	Application of mesenchymal stem cells derived from human pluripotent stem cells in regenerative medicine. World Journal of Stem Cells, 2021, 13, 1826-1844.	1.3	19
15	Ascorbate and Iron Are Required for the Specification and Long-Term Self-Renewal of Human Skeletal Mesenchymal Stromal Cells. Stem Cell Reports, 2020, 14, 210-225.	2.3	17
16	Factors affecting the efficiency of somatic cell nuclear transplantation in the fish embryo. The Journal of Experimental Zoology, 2002, 293, 719-725.	1.4	16
17	Strategies to enhance immunomodulatory properties and reduce heterogeneity in mesenchymal stromal cells during ex vivo expansion. Cytotherapy, 2022, 24, 456-472.	0.3	16
18	Sperm Nuclear Transfer and Transgenic Production in the Fish Medaka. International Journal of Biological Sciences, 2011, 7, 469-475.	2.6	15

#	Article	IF	Citations
19	SIRT2 and glycolytic enzyme acetylation in pluripotent stem cells. Nature Cell Biology, 2017, 19, 412-414.	4.6	15
20	Stemness of Mesenchymal Stem Cells. , 2017, 1, 071-073.		9
21	Gene Therapy for Articular Cartilage Repair. Pharmaceutica Analytica Acta, 2012, 03, .	0.2	0