

I-Hsuan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

571
citations

759233

12
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Topical applications of allogeneic adipose-derived mesenchymal stem cells ameliorate the canine keratoconjunctivitis sicca. <i>BMC Veterinary Research</i> , 2022, 18, .	1.9	3
2	Transcriptome Analysis of Dnmt3l Knock-Out Mice Derived Multipotent Mesenchymal Stem/Stromal Cells During Osteogenic Differentiation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 615098.	3.7	2
3	Cell-intrinsic Fgf signaling contributes to primordial germ cell homing in zebrafish. <i>Theriogenology</i> , 2020, 158, 424-431.	2.1	5
4	Leucine-rich repeat containing 8A contributes to the expansion of brain ventricles in zebrafish embryos. <i>Biology Open</i> , 2020, 9, .	1.2	1
5	The single nucleotide variant at c.662A>G in human RRM2B is a loss-of-function mutation. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1497.	1.2	3
6	Topical application of Heparanase-1 facilitates bone remodeling during the healing of bone defects in a mouse model. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 272-279.	1.4	3
7	Chondroitin sulfate proteoglycan 4 regulates zebrafish body axis organization via Wnt/planar cell polarity pathway. <i>PLoS ONE</i> , 2020, 15, e0230943.	2.5	5
8	Temperature-induced embryonic diapause in blue-breasted quail (<i>Coturnix chinensis</i>) correlates with decreased mitochondrial-respiratory network and increased stress-response network. <i>Poultry Science</i> , 2019, 98, 2977-2988.	3.4	11
9	Stage-dependent piRNAs in chicken implicated roles in modulating male germ cell development. <i>BMC Genomics</i> , 2018, 19, 425.	2.8	9
10	Age, but not short-term intensive swimming, affects chondrocyte turnover in zebrafish vertebral cartilage. <i>PeerJ</i> , 2018, 6, e5739.	2.0	5
11	Outbreak of thiamine deficiency in cats associated with the feeding of defective dry food. <i>Journal of Feline Medicine and Surgery</i> , 2017, 19, 336-343.	1.6	16
12	Endothelial-derived extracellular matrix ameliorate the stemness deprivation during ex vivo expansion of mouse bone marrow-derived mesenchymal stem cells. <i>PLoS ONE</i> , 2017, 12, e0184111.	2.5	11
13	Sterol O-Acyltransferase 2 Contributes to the Yolk Cholesterol Trafficking during Zebrafish Embryogenesis. <i>PLoS ONE</i> , 2016, 11, e0167644.	2.5	14
14	Application potential of mesenchymal stem cells from euthanased dogs: evaluation of the pathogen transmission risk. <i>Veterinary Record</i> , 2016, 178, 342-342.	0.3	0
15	Exosomal miR-10a derived from amniotic fluid stem cells preserves ovarian follicles after chemotherapy. <i>Scientific Reports</i> , 2016, 6, 23120.	3.3	127
16	The canine epiphyseal-derived mesenchymal stem cells are comparable to bone marrow derived-mesenchymal stem cells. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 273-280.	0.9	8
17	Protective effect against focal cerebral ischemia injury in acute phase of a novel invasive device for regional hypothermia. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 67-75.	1.4	3
18	Emergence of differentially regulated pathways associated with the development of regional specificity in chicken skin. <i>BMC Genomics</i> , 2015, 16, 22.	2.8	15

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19	Cell-autonomous heparanase modulates self-renewal and migration in bone marrow-derived mesenchymal stem cells. <i>Journal of Biomedical Science</i> , 2014, 21, 21.	7.0	17
20	Heparan sulfate glycosaminoglycans modulate migration and survival in zebrafish primordial germ cells. <i>Theriogenology</i> , 2014, 81, 1275-1285.e2.	2.1	26
21	Amniotic Fluid Stem Cells Prevent Follicle Atresia and Rescue Fertility of Mice with Premature Ovarian Failure Induced by Chemotherapy. <i>PLoS ONE</i> , 2014, 9, e106538.	2.5	88
22	Taurine homeostasis requires de novo synthesis via cysteine sulfinic acid decarboxylase during zebrafish early embryogenesis. <i>Amino Acids</i> , 2013, 44, 615-629.	2.7	36
23	Isolation and Characterization of Novel Murine Epiphysis Derived Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e36085.	2.5	32
24	Retina development in zebrafish requires the heparan sulfate proteoglycan agrin. <i>Developmental Neurobiology</i> , 2008, 68, 877-898.	3.0	25
25	Agrin is required for posterior development and motor axon outgrowth and branching in embryonic zebrafish. <i>Glycobiology</i> , 2007, 17, 231-247.	2.5	39
26	Glycosaminoglycans, Proteoglycans, and Conformational Disorders. , 2006, , 83-100.		2
27	Agrin binds α -synuclein and modulates α -synuclein fibrillation. <i>Glycobiology</i> , 2005, 15, 1320-1331.	2.5	65