

# I-Hsuan Liu

## List of Publications by Year in descending order

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27  
papers

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docs citations

28  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomal miR-10a derived from amniotic fluid stem cells preserves ovarian follicles after chemotherapy. <i>Scientific Reports</i> , 2016, 6, 23120.	3.3	127
2	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
3	Agrin binds $\hat{\alpha}$ -synuclein and modulates $\hat{\alpha}$ -synuclein fibrillation. <i>Glycobiology</i> , 2005, 15, 1320-1331.	2.5	65
4	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
5	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
6	Isolation and Characterization of Novel Murine Epiphysis Derived Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2012, 7, e36085.	2.5	32
7	Heparan sulfate glycosaminoglycans modulate migration and survival in zebrafish primordial germ cells. <i>Theriogenology</i> , 2014, 81, 1275-1285.e2.	2.1	26
8	Retina development in zebrafish requires the heparan sulfate proteoglycan agrin. <i>Developmental Neurobiology</i> , 2008, 68, 877-898.	3.0	25
9	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
10	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
11	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
12	Sterol O-Acyltransferase 2 Contributes to the Yolk Cholesterol Trafficking during Zebrafish Embryogenesis. <i>PLoS ONE</i> , 2016, 11, e0167644.	2.5	14
13	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
14	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
15	Stage-dependent piRNAs in chicken implicated roles in modulating male germ cell development. <i>BMC Genomics</i> , 2018, 19, 425.	2.8	9
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	Cell-intrinsic Fgf signaling contributes to primordial germ cell homing in zebrafish. <i>Theriogenology</i> , 2020, 158, 424-431.	2.1	5
18	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

#	ARTICLE	IF	CITATIONS
19	Age, but not short-term intensive swimming, affects chondrocyte turnover in zebrafish vertebral cartilage. PeerJ, 2018, 6, e5739.	2.0	5
20	Protective effect against focal cerebral ischemia injury in acute phase of a novel invasive device for regional hypothermia. Journal of the Chinese Medical Association, 2015, 78, 67-75.	1.4	3
21	The single nucleotide variant at c.662A>G in human RRM2B is a loss-of-function mutation. Molecular Genetics & Genomic Medicine, 2020, 8, e1497.	1.2	3
22	Topical application of Heparanase-1 facilitates bone remodeling during the healing of bone defects in a mouse model. Journal of the Chinese Medical Association, 2020, 83, 272-279.	1.4	3
23	Topical applications of allogeneic adipose-derived mesenchymal stem cells ameliorate the canine keratoconjunctivitis sicca. BMC Veterinary Research, 2022, 18, .	1.9	3
24	Glycosaminoglycans, Proteoglycans, and Conformational Disorders. , 2006, , 83-100.		2
25	Transcriptome Analysis of Dnmt3l Knock-Out Mice Derived Multipotent Mesenchymal Stem/Stromal Cells During Osteogenic Differentiation. Frontiers in Cell and Developmental Biology, 2021, 9, 615098.	3.7	2
26	Leucine-rich repeat containing 8A contributes to the expansion of brain ventricles in zebrafish embryos. Biology Open, 2020, 9, .	1.2	1
27	Application potential of mesenchymal stem cells from euthanased dogs: evaluation of the pathogen transmission risk. Veterinary Record, 2016, 178, 342-342.	0.3	0