

# Yue Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9018945/publications.pdf>

Version: 2024-02-01

20  
papers

260  
citations

840776

11  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

141  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning, differential tissue expression of a novel hcApo gene, and its correlation with total carotenoid content in purple and white inner-shell color pearl mussel <i>Hyriopsis cumingii</i> . <i>Gene</i> , 2014, 538, 258-265.	2.2	33
2	Challenges in Development of Sperm Repositories for Biomedical Fishes: Quality Control in Small-Bodied Species. <i>Zebrafish</i> , 2017, 14, 552-560.	1.1	27
3	Development of germplasm repositories to assist conservation of endangered fishes: Examples from small-bodied livebearing fishes. <i>Theriogenology</i> , 2019, 135, 138-151.	2.1	26
4	The emerging role of open technologies for community-based improvement of cryopreservation and quality management for repository development in aquatic species. <i>Animal Reproduction Science</i> , 2022, 246, 106871.	1.5	18
5	Comparison of growth and pearl production in males and females of the freshwater mussel, <i>Hyriopsis cumingii</i> , in China. <i>Aquaculture International</i> , 2013, 21, 1301-1310.	2.2	14
6	3-D printed customizable vitrification devices for preservation of genetic resources of aquatic species. <i>Aquacultural Engineering</i> , 2020, 90, 102097.	3.1	14
7	Quality evaluation of sperm from livebearing fishes: Standardized assessment of sperm bundles (spermatozeugmata) from <i>Xenotoca eiseni</i> (Goodeidae). <i>Theriogenology</i> , 2018, 107, 50-56.	2.1	12
8	Activation of free sperm and dissociation of sperm bundles (spermatozeugmata) of an endangered viviparous fish, <i>Xenotoca eiseni</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2018, 218, 35-45.	1.8	11
9	The role of alkalinization-induced Ca <sup>2+</sup> influx in sperm motility activation of a viviparous fish Redtail Splitfin ( <i>Xenotoca eiseni</i> ). <i>Biology of Reproduction</i> , 2018, 99, 1159-1170.	2.7	11
10	Design, alpha testing, and beta testing of a 3-D printed open-hardware portable cryopreservation device for aquatic species. <i>Journal of Applied Aquaculture</i> , 2023, 35, 213-236.	1.4	11
11	A 3D Printed Vitrification Device for Storage in Cryopreservation Vials. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7977.	2.5	11
12	Low-Cost Resin 3-D Printing for Rapid Prototyping of Microdevices: Opportunities for Supporting Aquatic Germplasm Repositories. <i>Fishes</i> , 2022, 7, 49.	1.7	11
13	Development of an open hardware 3-D printed conveyor device for continuous cryopreservation of non-batched samples. <i>Aquacultural Engineering</i> , 2021, 95, 102202.	3.1	10
14	Microfabrication of low-cost customisable counting chambers for standardised estimation of sperm concentration. <i>Reproduction, Fertility and Development</i> , 2020, 32, 873.	0.4	9
15	Healing and regeneration of the freshwater pearl mussel <i>Hyriopsis cumingii</i> Lea after donating mantle saibos. <i>Aquaculture</i> , 2013, 392-395, 34-43.	3.5	8
16	Cryopreservation of sperm bundles (spermatozeugmata) from endangered livebearing goodeids. <i>Cryobiology</i> , 2018, 82, 49-56.	0.7	8
17	Production of live young with cryopreserved sperm from the endangered livebearing fish Redtail Splitfin ( <i>Xenotoca eiseni</i> , Rutter, 1896). <i>Animal Reproduction Science</i> , 2018, 196, 77-90.	1.5	7
18	An open hardware 3-D printed device for measuring tensile properties of thermoplastic filament polymers at cryogenic temperatures. <i>Cryogenics</i> , 2022, 121, 103409.	1.7	7

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19	A practical evaluation of machine learning for classification of ultrasound images of ovarian development in channel catfish ( <i>Ictalurus punctatus</i> ). <i>Aquaculture</i> , 2022, 552, 738039.	3.5	7
20	An Open-Hardware Insemination Device for Small-Bodied Live-Bearing Fishes to Support Development and Use of Germplasm Repositories. <i>Animals</i> , 2022, 12, 961.	2.3	5