

Minghui Li

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,616
citations

394286

19
h-index

377752

34
g-index

34
all docs

34
docs citations

34
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	A Tandem Duplicate of Anti-Müllerian Hormone with a Missense SNP on the Y Chromosome Is Essential for Male Sex Determination in Nile Tilapia, <i>Oreochromis niloticus</i> . <i>PLoS Genetics</i> , 2015, 11, e1005678.	1.5	315
2	Characterization of Gonadal Transcriptomes from Nile Tilapia (<i>Oreochromis niloticus</i>) Reveals Differentially Expressed Genes. <i>PLoS ONE</i> , 2013, 8, e63604.	1.1	195
3	Efficient and Heritable Gene Targeting in Tilapia by CRISPR/Cas9. <i>Genetics</i> , 2014, 197, 591-599.	1.2	191
4	Roles of estrogens in fish sexual plasticity and sex differentiation. <i>General and Comparative Endocrinology</i> , 2019, 277, 9-16.	0.8	85
5	Mutation of <i>foxl2</i> or <i>cyp19a1a</i> results in female to male sex reversal in XX Nile tilapia. <i>Endocrinology</i> , 2017, 158, 2634-2647.	1.4	76
6	Isolation of Doublesex- and Mab-3-Related Transcription Factor 6 and Its Involvement in Spermatogenesis in Tilapia. <i>Biology of Reproduction</i> , 2014, 91, 136.	1.2	64
7	Insulin-Like Growth Factor 3 Regulates Expression of Genes Encoding Steroidogenic Enzymes and Key Transcription Factors in the Nile Tilapia Gonad. <i>Biology of Reproduction</i> , 2012, 86, 163, 1-10.	1.2	60
8	Dmrt1 directly regulates the transcription of the testis-biased Sox9b gene in Nile tilapia (<i>Oreochromis</i>). <i>Tj ETQq0 0 Q rgBT /Overlock 10 T</i>	1.8	56
9	Retinoic acid triggers meiosis initiation via <i>stra8</i> -dependent pathway in Southern catfish, <i>Silurus meridionalis</i> . <i>General and Comparative Endocrinology</i> , 2016, 232, 191-198.	0.8	50
10	CRISPR/Cas9-induced disruption of <i>wt1a</i> and <i>wt1b</i> reveals their different roles in kidney and gonad development in Nile tilapia. <i>Developmental Biology</i> , 2017, 428, 63-73.	0.9	48
11	Germline sexual fate is determined by the antagonistic action of <i>dmrt1</i> and <i>foxl3/foxl2</i> in tilapia. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	47
12	<i>Amh</i> regulate female folliculogenesis and fertility in a dose-dependent manner through <i>Amhr2</i> in Nile tilapia. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110593.	1.6	42
13	Outsourced Biometric Identification With Privacy. <i>IEEE Transactions on Information Forensics and Security</i> , 2018, 13, 2448-2463.	4.5	41
14	Regulation of spermatogenesis and reproductive capacity by <i>lgf3</i> in tilapia. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4921-4938.	2.4	31
15	Loss of <i>Cyp11c1</i> causes delayed spermatogenesis due to the absence of 11-ketotestosterone. <i>Journal of Endocrinology</i> , 2020, 244, 487-499.	1.2	31
16	Heterozygous mutation of <i>eEF1A1b</i> resulted in spermatogenesis arrest and infertility in male tilapia, <i>Oreochromis niloticus</i> . <i>Scientific Reports</i> , 2017, 7, 43733.	1.6	30
17	Gene editing nuclease and its application in tilapia. <i>Science Bulletin</i> , 2017, 62, 165-173.	4.3	29
18	Chromosome-level genome assembly of a cyprinid fish <i>Onychostoma macrolepis</i> by integration of nanopore sequencing, Bionano and Hi-C technology. <i>Molecular Ecology Resources</i> , 2020, 20, 1361-1371.	2.2	27

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19	Igf3: a novel player in fish reproduction. <i>Biology of Reproduction</i> , 2021, 104, 1194-1204.	1.2	25
20	High Efficiency Targeting of Non-coding Sequences Using CRISPR/Cas9 System in Tilapia. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 287-295.	0.8	20
21	Roles of anti-Müllerian hormone and its duplicates in sex determination and germ cell proliferation of Nile tilapia. <i>Genetics</i> , 2022, 220, .	1.2	19
22	Role of sex steroids in fish sex determination and differentiation as revealed by gene editing. <i>General and Comparative Endocrinology</i> , 2021, 313, 113893.	0.8	17
23	CRISPR Knockouts of <i>pmela</i> and <i>pmelb</i> Engineered a Golden Tilapia by Regulating Relative Pigment Cell Abundance. <i>Journal of Heredity</i> , 2022, 113, 398-413.	1.0	17
24	Transcription of the Sox30 Gene Is Positively Regulated by Dmrt1 in Nile Tilapia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5487.	1.8	14
25	Mutation of <i>cyp19a1b</i> results in sterile males due to efferent duct obstruction in Nile tilapia. <i>Molecular Reproduction and Development</i> , 2019, 86, 1224-1235.	1.0	13
26	Rln3a is a prerequisite for spermatogenesis and fertility in male fish. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 197, 105517.	1.2	13
27	Impaired Membrane Lipid Homeostasis in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 1125-1135.	2.3	10
28	Hyaluronic acid-modified redox-sensitive hybrid nanocomplex loading with siRNA for non-small-cell lung carcinoma therapy. <i>Drug Delivery</i> , 2022, 29, 574-587.	2.5	10
29	Dysregulation of phospholipase and cyclooxygenase expression is involved in Schizophrenia. <i>EBioMedicine</i> , 2021, 64, 103239.	2.7	9
30	Salivary Metabolomics Reveals that Metabolic Alterations Precede the Onset of Schizophrenia. <i>Journal of Proteome Research</i> , 2021, 20, 5010-5023.	1.8	9
31	A detailed procedure for CRISPR/Cas9-mediated gene editing in tilapia. <i>Hydrobiologia</i> , 2021, 848, 3865-3881.	1.0	8
32	Regulation of Female Folliculogenesis by Tsp1a in Nile Tilapia (<i>Oreochromis niloticus</i>). <i>International Journal of Molecular Sciences</i> , 2020, 21, 5893.	1.8	7
33	Decreased serum apolipoprotein A4 as a potential peripheral biomarker for patients with schizophrenia. <i>Journal of Psychiatric Research</i> , 2021, 137, 14-21.	1.5	4
34	Establishment of a stem Leydig cell line capable of 11-ketotestosterone production. <i>Reproduction, Fertility and Development</i> , 2020, 32, 1271.	0.1	3