

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 | Impaired Membrane Lipid Homeostasis in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2022, 48, 1125-1135. | 2.3 | 10 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Dysregulation of phospholipase and cyclooxygenase expression is involved in Schizophrenia. <i>EBioMedicine</i> , 2021, 64, 103239. | 2.7 | 9 |
| 6 | Igf3: a novel player in fish reproduction. <i>Biology of Reproduction</i> , 2021, 104, 1194-1204. | 1.2 | 25 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | A detailed procedure for CRISPR/Cas9-mediated gene editing in tilapia. <i>Hydrobiologia</i> , 2021, 848, 3865-3881. | 1.0 | 8 |
| 11 | Salivary Metabolomics Reveals that Metabolic Alterations Precede the Onset of Schizophrenia. <i>Journal of Proteome Research</i> , 2021, 20, 5010-5023. | 1.8 | 9 |
| 12 | Amh regulate female folliculogenesis and fertility in a dose-dependent manner through Amhr2 in Nile tilapia. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110593. | 1.6 | 42 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Regulation of spermatogenesis and reproductive capacity by Igf3 in tilapia. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4921-4938. | 2.4 | 31 |
| 17 | Establishment of a stem Leydig cell line capable of 11-ketotestosterone production. <i>Reproduction, Fertility and Development</i> , 2020, 32, 1271. | 0.1 | 3 |
| 18 | Loss of Cyp11c1 causes delayed spermatogenesis due to the absence of 11-ketotestosterone. <i>Journal of Endocrinology</i> , 2020, 244, 487-499. | 1.2 | 31 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Dmrt1 directly regulates the transcription of the testis-biased Sox9b gene in Nile tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 ggBT /Over | 1.0 | 58 |
| 22 | 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 |
| 23 | Roles of estrogens in fish sexual plasticity and sex differentiation. <i>General and Comparative Endocrinology</i> , 2019, 277, 9-16. | 0.8 | 85 |
| 24 | Outsourced Biometric Identification With Privacy. <i>IEEE Transactions on Information Forensics and Security</i> , 2018, 13, 2448-2463. | 4.5 | 41 |
| 25 | Gene editing nuclease and its application in tilapia. <i>Science Bulletin</i> , 2017, 62, 165-173. | 4.3 | 29 |
| 26 | Heterozygous mutation of eEF1A1b resulted in spermatogenesis arrest and infertility in male tilapia, <i>Oreochromis niloticus</i> . <i>Scientific Reports</i> , 2017, 7, 43733. | 1.6 | 30 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Efficient and Heritable Gene Targeting in Tilapia by CRISPR/Cas9. <i>Genetics</i> , 2014, 197, 591-599. | 1.2 | 191 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |