# Shuiqiao Yuan

List of Publications by Year
in descending order



| 58 | 2,089 | 23 | 42 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| | | 279701 | 265120 |

| 65 | 65 | 65 | 2985 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mitochondrial regulation during male germ cell development. Cellular and Molecular Life Sciences, 2022, 79, 91. | 2.4 | 16 |
| 2 | Transcription factor-like 5 is a potential DNA- and RNA-binding protein essential for maintaining male fertility in mice. Journal of Cell Science, 2022, 135, . | 1.2 | 7 |
| 3 | WDFY1, a WD40 repeat protein, is not essential for spermatogenesis and male fertility in mice. Biochemical and Biophysical Research Communications, 2022, 596, 71-75. | 1.0 | 2 |
| 4 | METTL21A, a Non-Histone Methyltransferase, Is Dispensable for Spermatogenesis and Male Fertility in Mice. International Journal of Molecular Sciences, 2022, 23, 1942. | 1.8 | 1 |
| 5 | Retrotransposons in the Mammalian Male Germline. Sexual Development, 2022, 16, 404-422. | 1.1 | 3 |
| 6 | UHRF1 is indispensable for meiotic sex chromosome inactivation and interacts with the DNA damage response pathway in mice. Biology of Reproduction, 2022, 107, 168-182. | 1.2 | 1 |
| 7 | UHRF1 establishes crosstalk between somatic and germ cells in male reproduction. Cell Death and Disease, 2022, 13, 377. | 2.7 | 7 |
| 8 | hnRNPH1 recruits PTBP2 and SRSF3 to modulate alternative splicing in germ cells. Nature Communications, 2022, 13, . | 5.8 | 15 |
| 9 | Pathological and molecular examinations of postmortem testis biopsies reveal SARS-CoV-2 infection in the testis and spermatogenesis damage in COVID-19 patients. Cellular and Molecular Immunology, 2021, 18, 487-489. | 4.8 | 115 |
| 10 | Epigenetic Regulation of Spermatogonial Stem Cell Homeostasis: From DNA Methylation to Histone Modification. Stem Cell Reviews and Reports, 2021, 17, 562-580. | 1.7 | 12 |
| 11 | Triptonide is a reversible non-hormonal male contraceptive agent in mice and non-human primates. Nature Communications, 2021, 12, 1253. | 5.8 | 44 |
| 12 | An Immunological Perspective: What Happened to Pregnant Women After Recovering From COVID-19?. Frontiers in Immunology, 2021, 12, 631044. | 2.2 | 14 |
| 13 | Epigenetic regulations in mammalian spermatogenesis: RNA-m6A modification and beyond. Cellular and Molecular Life Sciences, 2021, 78, 4893-4905. | 2.4 | 31 |
| 14 | Dnmt2-null sperm block maternal transmission of a paramutant phenotypeâ€. Biology of Reproduction, 2021, 105, 603-612. | 1.2 | 5 |
| 15 | MFN2 interacts with nuage-associated proteins and is essential for male germ cell development by controlling mRNA fate during spermatogenesis. Development (Cambridge), 2021, 148, . | 1.2 | 12 |
| 16 | Oviductal motile cilia are essential for oocyte pickup but dispensable for sperm and embryo transport. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 46 |
| 17 | OTOGL, a gelforming mucin protein, is nonessential for male germ cell development and spermatogenesis in mice. Reproductive Biology and Endocrinology, 2021, 19, 95. | 1.4 | 4 |
| 18 | Response to stress in biological disorders: Implications of stress granule assembly and function. Cell Proliferation, 2021, 54, e13086. | 2.4 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Lack of miR-379/miR-544 Cluster Resists High-Fat Diet-Induced Obesity and Prevents Hepatic Triglyceride Accumulation in Mice. Frontiers in Cell and Developmental Biology, 2021, 9, 720900. | 1.8 | 7 |
| 20 | AXDND1, a novel testis-enriched gene, is required for spermiogenesis and male fertility. Cell Death Discovery, 2021, 7, 348. | 2.0 | 8 |
| 21 | hnRNPU in Sertoli cells cooperates with WT1 and is essential for testicular development by modulating transcriptional factors <i>Sox8/9</i>. Theranostics, 2021, 11, 10030-10046. | 4.6 | 16 |
| 22 | Xâ€linked <i>miRâ€506</i> family miRNAs promote FMRP expression in mouse spermatogonia. EMBO Reports, 2020, 21, e49024. | 2.0 | 12 |
| 23 | Roles of AMP-Activated Protein Kinase (AMPK) in Mammalian Reproduction. Frontiers in Cell and Developmental Biology, 2020, 8, 593005. | 1.8 | 23 |
| 24 | The Vehicle Determines the Destination: The Significance of Seminal Plasma Factors for Male Fertility. International Journal of Molecular Sciences, 2020, 21, 8499. | 1.8 | 14 |
| 25 | Role of Selective Autophagy in Spermatogenesis and Male Fertility. Cells, 2020, 9, 2523. | 1.8 | 31 |
| 26 | GOLGA4, A Golgi matrix protein, is dispensable for spermatogenesis and male fertility in mice. Biochemical and Biophysical Research Communications, 2020, 529, 642-646. | 1.0 | 6 |
| 27 | Mitochondria Associated Germinal Structures in Spermatogenesis: piRNA Pathway Regulation and Beyond. Cells, 2020, 9, 399. | 1.8 | 26 |
| 28 | Maternal UHRF1 Is Essential for Transcription Landscapes and Repression of Repetitive Elements During the Maternal-to-Zygotic Transition. Frontiers in Cell and Developmental Biology, 2020, 8, 610773. | 1.8 | 6 |
| 29 | UHRF1 suppresses retrotransposons and cooperates with PRMT5 and PIWI proteins in male germ cells. Nature Communications, 2019, 10, 4705. | 5.8 | 56 |
| 30 | Overexpression of MicroRNA-10a in Germ Cells Causes Male Infertility by Targeting Rad51 in Mouse and Human. Frontiers in Physiology, 2019, 10, 765. | 1.3 | 34 |
| 31 | Non-canonical RNA polyadenylation polymerase FAM46C is essential for fastening sperm head and flagellum in miceâ€. Biology of Reproduction, 2019, 100, 1673-1685. | 1.2 | 26 |
| 32 | Insertion of a chimeric retrotransposon sequence in mouse Axin1 locus causes metastable kinky tail phenotype. Mobile DNA, 2019, 10, 17. | 1.3 | 11 |
| 33 | Ovol2, a zinc finger transcription factor, is dispensable for spermatogenesis in mice. Reproductive Biology and Endocrinology, 2019, 17, 98. | 1.4 | 5 |
| 34 | Identification of programmed cell death 1 and its ligand in the testicular tissue of mice. American Journal of Reproductive Immunology, 2019, 81, e13079. | 1.2 | 5 |
| 35 | MicroRNA profile comparison of testicular tissues derived from successful and unsuccessful microdissection testicular sperm extraction retrieval in non-obstructive azoospermia patients. Reproduction, Fertility and Development, 2019, 31, 671. | 0.1 | 21 |
| 36 | Motile cilia of the male reproductive system require miR-34/miR-449 for development and function to generate luminal turbulence. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3584-3593. | 3.3 | 79 |

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|---|---|---|---|
| 37 | Testicular piRNA profile comparison between successful and unsuccessful micro-TESE retrieval in NOA patients. Journal of Assisted Reproduction and Genetics, 2018, 35, 801-808. | 1.2 | 22 |
| 38 | Maternally expressed miRâ€379/miRâ€544 cluster is dispensable for testicular development and spermatogenesis in mice. Molecular Reproduction and Development, 2018, 85, 175-177. | 1.0 | 6 |
| 39 | Enigma of Retrotransposon Biology in Mammalian Early Embryos and Embryonic Stem Cells. Stem Cells International, 2018, 2018, 1-6. | 1.2 | 20 |
| 40 | Systematic Inâ€Depth Proteomic Analysis of Mitochondriaâ€Associated Endoplasmic Reticulum Membranes in Mouse and Human Testes. Proteomics, 2018, 18, e1700478. | 1.3 | 39 |
| 41 | <i>Prps1l1</i>, a testisâ€specific gene, is dispensable for mouse spermatogenesis. Molecular Reproduction and Development, 2018, 85, 802-804. | 1.0 | 5 |
| 42 | Chemical and physical guidance of fish spermatozoa into the egg through the micropyleâ€,â€¡. Biology of Reproduction, 2017, 96, 780-799. | 1.2 | 67 |
| 43 | Paternal pachytene piRNAs are not required for fertilization, embryonic development and sperm-mediated epigenetic inheritance in mice. Environmental Epigenetics, 2016, 2, dvw021. | 0.9 | 5 |
| 44 | Micro <scp>RNA</scp> â€34/449 controls mitotic spindle orientation during mammalian cortex development. EMBO Journal, 2016, 35, 2386-2398. | 3.5 | 53 |
| 45 | SpermBase: A Database for Sperm-Borne RNA Contents. Biology of Reproduction, 2016, 95, 99-99. | 1.2 | 111 |
| 46 | <i>Ubqln3</i>, a testisâ€specific gene, is dispensable for embryonic development and spermatogenesis in mice. Molecular Reproduction and Development, 2015, 82, 266-267. | 1.0 | 7 |
| 47 | A testisâ€specific gene, <i>Ubqlnl</i>, is dispensable for mouse embryonic development and spermatogenesis. Molecular Reproduction and Development, 2015, 82, 408-409. | 1.0 | 15 |
| 48 | Sperm-borne miRNAs and endo-siRNAs are important for fertilization and preimplantation embryonic development. Development (Cambridge), 2015, 143, 635-47. | 1.2 | 211 |
| 49 | <i>Spata6</i> is required for normal assembly of the sperm connecting piece and tight headâ€“tail conjunction. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E430-9. | 3.3 | 129 |
| 50 | UPF2, a nonsense-mediated mRNA decay factor, is required for prepubertal Sertoli cell development and male fertility by ensuring fidelity of the transcriptome. Development (Cambridge), 2015, 142, 352-62. | 1.2 | 30 |
| 51 | mir-34b/c and mir-449a/b/c are required for spermatogenesis, but not for the first cleavage division in mice. Biology Open, 2015, 4, 212-223. | 0.6 | 157 |
| 52 | Breeding scheme and maternal small RNAs affect the efficiency of transgenerational inheritance of a paramutation in mice. Scientific Reports, 2015, 5, 9266. | 1.6 | 44 |
| 53 | Pervasive Genotypic Mosaicism in Founder Mice Derived from Genome Editing through Pronuclear Injection. PLoS ONE, 2015, 10, e0129457. | 1.1 | 55 |
| 54 | Murine Follicular Development Requires Oocyte DICER, but Not DROSHA1. Biology of Reproduction, 2014, 91, 39. | 1.2 | 32 |

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|---|---|---|---|
| 55 | Two miRNA clusters, <i>miR-34b/c</i> and <i>miR-449</i> , are essential for normal brain development, motile ciliogenesis, and spermatogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2851-7. | 3.3 | 244 |
| 56 | The cytoplasmic droplet may be indicative of sperm motility and normal spermiogenesis. Asian Journal of Andrology, 2013, 15, 799-805. | 0.8 | 37 |
| 57 | <i>Stk31</i> is dispensable for embryonic development and spermatogenesis in mice. Molecular Reproduction and Development, 2013, 80, 786-786. | 1.0 | 9 |
| 58 | Proteomic Analyses Reveal a Role of Cytoplasmic Droplets as an Energy Source during Epididymal Sperm Maturation. PLoS ONE, 2013, 8, e77466. | 1.1 | 56 |