

Moira O'Bryan

List of Publications by Year in descending order

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191
papers

9,735
citations

28274

55
h-index

48315

88
g-index

199
all docs

199
docs citations

199
times ranked

10545
citing authors

#	ARTICLE	IF	CITATIONS
1	The CAP Superfamily: Cysteine-Rich Secretory Proteins, Antigen 5, and Pathogenesis-Related 1 Proteins—Roles in Reproduction, Cancer, and Immune Defense. <i>Endocrine Reviews</i> , 2008, 29, 865-897.	20.1	436
2	Spermiation. <i>Spermatogenesis</i> , 2011, 1, 14-35.	0.8	302
3	Meiotic and epigenetic defects in Dnmt3L-knockout mouse spermatogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4068-4073.	7.1	261
4	The Novel Angiotensin-Converting Enzyme (ACE) Homolog, ACE2, Is Selectively Expressed by Adult Leydig Cells of the Testis. <i>Endocrinology</i> , 2004, 145, 4703-4711.	2.8	223
5	Elevated paternal glucocorticoid exposure alters the small noncoding RNA profile in sperm and modifies anxiety and depressive phenotypes in the offspring. <i>Translational Psychiatry</i> , 2016, 6, e837-e837.	4.8	190
6	Regulation of Germ Cell and Sertoli Cell Development by Activin, Follistatin, and FSH. <i>Developmental Biology</i> , 2000, 220, 225-237.	2.0	184
7	Immunohistochemical Localization of Endothelial Nitric Oxide Synthase in Human Testis, Epididymis, and Vas Deferens Suggests a Possible Role for Nitric Oxide in Spermatogenesis, Sperm Maturation, and Programmed Cell Death. <i>Biology of Reproduction</i> , 1996, 55, 935-941.	2.7	182
8	Bacterial Lipopolysaccharide-Induced Inflammation Compromises Testicular Function at Multiple Levels <i>in Vivo</i> . <i>Endocrinology</i> , 2000, 141, 238-246.	2.8	176
9	Microtubules and spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2014, 30, 45-54.	5.0	165
10	State of the Art for Genetic Testing of Infertile Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1013-1024.	3.6	164
11	Bacteriophage-resistant <i>Acinetobacter baumannii</i> are resensitized to antimicrobials. <i>Nature Microbiology</i> , 2021, 6, 157-161.	13.3	159
12	Modifiers of epigenetic reprogramming show paternal effects in the mouse. <i>Nature Genetics</i> , 2007, 39, 614-622.	21.4	154
13	Fat Aussie—A New Alström Syndrome Mouse Showing a Critical Role for ALMS1 in Obesity, Diabetes, and Spermatogenesis. <i>Molecular Endocrinology</i> , 2006, 20, 1610-1622.	3.7	147
14	Developmental Expression of Thyroid Hormone Receptors in the Rat Testis. <i>Biology of Reproduction</i> , 2000, 62, 664-669.	2.7	139
15	Inducible Nitric Oxide Synthase in the Rat Testis: Evidence for Potential Roles in Both Normal Function and Inflammation-Mediated Infertility. <i>Biology of Reproduction</i> , 2000, 63, 1285-1293.	2.7	130
16	The Identification of Mouse Sperm-Surface-Associated Proteins and Characterization of Their Ability to Act as Decapacitation Factors. <i>Biology of Reproduction</i> , 2006, 74, 275-287.	2.7	128
17	A systematic review of the validated monogenic causes of human male infertility: 2020 update and a discussion of emerging gene-disease relationships. <i>Human Reproduction Update</i> , 2021, 28, 15-29.	10.8	121
18	The Cysteine-rich Secretory Protein Domain of Tpx-1 Is Related to Ion Channel Toxins and Regulates Ryanodine Receptor Ca ²⁺ Signaling. <i>Journal of Biological Chemistry</i> , 2006, 281, 4156-4163.	3.4	118

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19	Human seminal clusterin (SP-40,40). Isolation and characterization.. Journal of Clinical Investigation, 1990, 85, 1477-1486.	8.2	118
20	Aire-Deficient C57BL/6 Mice Mimicking the Common Human 13-Base Pair Deletion Mutation Present with Only a Mild Autoimmune Phenotype. Journal of Immunology, 2009, 182, 3902-3918.	0.8	117
21	SP-40,40 is an inhibitor of C5b-6-initiated haemolysis. International Immunology, 1989, 1, 551-554.	4.0	112
22	Mouse models in male fertility research. Asian Journal of Andrology, 2011, 13, 139-151.	1.6	111
23	The Y chromosome gr/gr subdeletion is associated with male infertility. Molecular Human Reproduction, 2005, 11, 507-512.	2.8	109
24	Human sperm endothelial nitric oxide synthase expression: correlation with sperm motility. Fertility and Sterility, 1998, 70, 1143-1147.	1.0	105
25	Epigenetic regulation in male germ cells. Reproduction, 2008, 136, 131-146.	2.6	101
26	Cellular Signaling by Fibroblast Growth Factors (FGFs) and Their Receptors (FGFRs) in Male Reproduction. Endocrine Reviews, 2008, 29, 193-216.	20.1	100
27	Involvement of multimeric protein complexes in mediating the capacitation-dependent binding of human spermatozoa to homologous zonae pellucidae. Developmental Biology, 2011, 356, 460-474.	2.0	100
28	The Ubiquitin Ligase Component Siah1a Is Required for Completion of Meiosis I in Male Mice. Molecular and Cellular Biology, 2002, 22, 2294-2303.	2.3	99
29	Cysteine-rich secretory protein 4 is an inhibitor of transient receptor potential M8 with a role in establishing sperm function. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7034-7039.	7.1	96
30	Bi-allelic Recessive Loss-of-Function Variants in FANCM Cause Non-obstructive Azoospermia. American Journal of Human Genetics, 2018, 103, 200-212.	6.2	95
31	HENMT1 and piRNA Stability Are Required for Adult Male Germ Cell Transposon Repression and to Define the Spermatogenic Program in the Mouse. PLoS Genetics, 2015, 11, e1005620.	3.5	95
32	Contribution of the Two Genes Encoding Histone Variant H3.3 to Viability and Fertility in Mice. PLoS Genetics, 2015, 11, e1004964.	3.5	93
33	Sox8 is a critical regulator of adult Sertoli cell function and male fertility. Developmental Biology, 2008, 316, 359-370.	2.0	92
34	Changes in Circulating and Testicular Levels of Inhibin A and B and Activin A During Postnatal Development in the Rat. Endocrinology, 2004, 145, 3532-3541.	2.8	91
35	The cytoskeleton in spermatogenesis. Reproduction, 2019, 157, R53-R72.	2.6	91
36	An Essential Role for Katanin p80 and Microtubule Severing in Male Gamete Production. PLoS Genetics, 2012, 8, e1002698.	3.5	89

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37	Phenotyping male infertility in the mouse: how to get the most out of a 'non-performer'. Human Reproduction Update, 2010, 16, 205-224.	10.8	88
38	Proteomic and functional analysis of human sperm detergent resistant membranes. Journal of Cellular Physiology, 2011, 226, 2651-2665.	4.1	81
39	Cytokine profiles in the testes of rats treated with lipopolysaccharide reveal localized suppression of inflammatory responses. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1744-R1755.	1.8	80
40	Tpx-1 is a component of the outer dense fibers and acrosome of rat spermatozoa. Molecular Reproduction and Development, 2001, 58, 116-125.	2.0	79
41	Andrology Lab Corner*: Shedding Light on Chemiluminescence: The Application of Chemiluminescence in Diagnostic Andrology. Journal of Andrology, 2004, 25, 455-465.	2.0	79
42	The response of testicular leukocytes to lipopolysaccharide-induced inflammation: further evidence for heterogeneity of the testicular macrophage population. Cell and Tissue Research, 2002, 308, 277-285.	2.9	78
43	Investigation of the mechanisms by which the molecular chaperone HSPA2 regulates the expression of sperm surface receptors involved in human sperm-oocyte recognition. Molecular Human Reproduction, 2013, 19, 120-135.	2.8	75
44	A mouse model of spinal and bulbar muscular atrophy. Human Molecular Genetics, 2002, 11, 2103-2111.	2.9	72
45	RAB-Like 2 Has an Essential Role in Male Fertility, Sperm Intra-Flagellar Transport, and Tail Assembly. PLoS Genetics, 2012, 8, e1002969.	3.5	72
46	FGFR-1 signaling is involved in spermiogenesis and sperm capacitation. Journal of Cell Science, 2006, 119, 75-84.	2.0	69
47	Expression and Localization of Activin Subunits and Follistatins in Tissues from Men with High Grade Prostate Cancer. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3851-3858.	3.6	68
48	Mouse models for genes involved in impaired spermatogenesis. Journal of Developmental and Physical Disabilities, 2006, 29, 76-89.	3.6	68
49	RBM5 Is a Male Germ Cell Splicing Factor and Is Required for Spermatid Differentiation and Male Fertility. PLoS Genetics, 2013, 9, e1003628.	3.5	68
50	Activin C Antagonizes Activin A in Vitro and Overexpression Leads to Pathologies in Vivo. American Journal of Pathology, 2009, 174, 184-195.	3.8	67
51	Identification of a rat testis-specific gene encoding a potential rat outer dense fibre protein. Molecular Reproduction and Development, 1998, 50, 313-322.	2.0	66
52	Phenotypic variation within European carriers of the Y-chromosomal gr/gr deletion is independent of Y-chromosomal background. Journal of Medical Genetics, 2008, 46, 21-31.	3.2	65
53	KATNAL1 Regulation of Sertoli Cell Microtubule Dynamics Is Essential for Spermiogenesis and Male Fertility. PLoS Genetics, 2012, 8, e1002697.	3.5	62
54	Inflammatory Networks in the Control of Spermatogenesis. Advances in Experimental Medicine and Biology, 2009, 636, 92-114.	1.6	61

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55	The roles of inhibin and related peptides in gonadal function. <i>Molecular and Cellular Endocrinology</i> , 2000, 161, 43-46.	3.2	59
56	LRGUK-1 Is Required for Basal Body and Manchette Function during Spermatogenesis and Male Fertility. <i>PLoS Genetics</i> , 2015, 11, e1005090.	3.5	59
57	Differential effects of dexamethasone treatment on lipopolysaccharide-induced testicular inflammation and reproductive hormone inhibition in adult rats. <i>Journal of Endocrinology</i> , 2001, 168, 193-201.	2.6	58
58	Development of hydrocephalus in mice lacking SOCS7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15446-15451.	7.1	57
59	Impact of the widespread pharmaceutical pollutant fluoxetine on behaviour and sperm traits in a freshwater fish. <i>Science of the Total Environment</i> , 2019, 650, 1771-1778.	8.0	57
60	Inhibins, activins and follistatin: actions on the testis. <i>Molecular and Cellular Endocrinology</i> , 2001, 180, 87-92.	3.2	56
61	Expression of monocyte chemoattractant protein-1 and macrophage colony-stimulating factor in normal and inflamed rat testis. <i>Molecular Human Reproduction</i> , 2002, 8, 518-524.	2.8	54
62	Cytology of the Testis and Intrinsic Control Mechanisms. , 2006, , 827-947.		53
63	The antidepressant fluoxetine alters mechanisms of pre- and post-copulatory sexual selection in the eastern mosquitofish (<i>Gambusia holbrooki</i>). <i>Environmental Pollution</i> , 2018, 238, 238-247.	7.5	53
64	Cysteine-rich secretory proteins are not exclusively expressed in the male reproductive tract. <i>Developmental Dynamics</i> , 2008, 237, 3313-3323.	1.8	52
65	Deletion of the Parkin co-regulated gene causes defects in ependymal ciliary motility and hydrocephalus in the quakingviable mutant mouse. <i>Human Molecular Genetics</i> , 2010, 19, 1593-1602.	2.9	52
66	Glioma Pathogenesis-Related 1-Like 1 Is Testis Enriched, Dynamically Modified, and Redistributed during Male Germ Cell Maturation and Has a Potential Role in Sperm-Oocyte Binding. <i>Endocrinology</i> , 2010, 151, 2331-2342.	2.8	52
67	The role of cysteine-rich secretory proteins in male fertility. <i>Asian Journal of Andrology</i> , 2011, 13, 111-117.	1.6	52
68	Haploid male germ cells—the Grand Central Station of protein transport. <i>Human Reproduction Update</i> , 2020, 26, 474-500.	10.8	51
69	SOX30 is required for male fertility in mice. <i>Scientific Reports</i> , 2017, 7, 17619.	3.3	50
70	TRPM8 in mouse sperm detects temperature changes and may influence the acrosome reaction. <i>Journal of Cellular Physiology</i> , 2011, 226, 1620-1631.	4.1	49
71	Bacterial Lipopolysaccharide-Induced Inflammation Compromises Testicular Function at Multiple Levels in Vivo. <i>Endocrinology</i> , 2000, 141, 238-246.	2.8	49
72	Identification of a Novel Testis-Specific Member of the Phosphatidylethanolamine Binding Protein Family, pebp-21. <i>Biology of Reproduction</i> , 2002, 67, 917-927.	2.7	48

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73	Identification of the Molecular Chaperone, Heat Shock Protein 1 (Chaperonin 10), in the Reproductive Tract and in Capacitating Spermatozoa in the Male Mouse. <i>Biology of Reproduction</i> , 2008, 78, 983-993.	2.7	48
74	Katanin-like 2 (KATNAL2) functions in multiple aspects of haploid male germ cell development in the mouse. <i>PLoS Genetics</i> , 2017, 13, e1007078.	3.5	48
75	Clusterin levels increase during neuronal development. <i>Journal of Neurobiology</i> , 1993, 24, 421-432.	3.6	46
76	Vinclozolin Exposure in Utero Induces Postpubertal Prostatitis and Reduces Sperm Production via a Reversible Hormone-Regulated Mechanism. <i>Endocrinology</i> , 2010, 151, 783-792.	2.8	46
77	Validation and application of a novel integrated genetic screening method to a cohort of 1,112 men with idiopathic azoospermia or severe oligozoospermia. <i>Human Mutation</i> , 2017, 38, 1592-1605.	2.5	45
78	DNA Double Strand Breaks but Not Interstrand Crosslinks Prevent Progress through Meiosis in Fully Grown Mouse Oocytes. <i>PLoS ONE</i> , 2012, 7, e43875.	2.5	44
79	Immunohistological Localization of Clusterin in the Male Genital Tract in Humans and Marmosets. <i>Biology of Reproduction</i> , 1994, 50, 502-509.	2.7	43
80	Constitutive Expression of Prostaglandin-Endoperoxide Synthase 2 by Somatic and Spermatogenic Cells Is Responsible for Prostaglandin E2 Production in the Adult Rat Testis. <i>Biology of Reproduction</i> , 2007, 76, 759-768.	2.7	43
81	Characterization of gametogenetin 1 (GGN1) and its potential role in male fertility through the interaction with the ion channel regulator, cysteine-rich secretory protein 2 (CRISP2) in the sperm tail. <i>Reproduction</i> , 2008, 135, 751-759.	2.6	43
82	Cep55 overexpression causes male-specific sterility in mice by suppressing Foxo1 nuclear retention through sustained activation of PI3K/Akt signaling. <i>FASEB Journal</i> , 2018, 32, 4984-4999.	0.5	43
83	CRISP2 Is a Regulator of Multiple Aspects of Sperm Function and Male Fertility. <i>Endocrinology</i> , 2019, 160, 915-924.	2.8	43
84	The use of anticlusterin monoclonal antibodies for the combined assesment of human sperm morphology and acrosome integrity. <i>Human Reproduction</i> , 1994, 9, 1490-1496.	0.9	42
85	Human sperm nadh and nadph diaphorase cytochemistry: correlation with sperm motility. <i>Urology</i> , 1998, 51, 464-468.	1.0	41
86	Long-term follow-up of intra-cytoplasmic sperm injection-conceived offspring compared with in-vitro fertilization-conceived offspring: a systematic review of health outcomes beyond the neonatal period. <i>Andrology</i> , 2017, 5, 610-621.	3.5	41
87	Cloning and regulation of the rat activin betaE subunit. <i>Journal of Molecular Endocrinology</i> , 2000, 24, 409-418.	2.5	40
88	The testis and epididymis are productively infected by SIV and SHIV in juvenile macaques during the post-acute stage of infection. <i>Retrovirology</i> , 2007, 4, 7.	2.0	38
89	A de novo paradigm for male infertility. <i>Nature Communications</i> , 2022, 13, 154.	12.8	38
90	Copy number variation associated with meiotic arrest in idiopathic male infertility. <i>Fertility and Sterility</i> , 2015, 103, 214-219.	1.0	37

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91	Exome sequencing reveals novel causes as well as new candidate genes for human globozoospermia. <i>Human Reproduction</i> , 2020, 35, 240-252.	0.9	37
92	Normal live birth after testicular sperm extraction and intracytoplasmic sperm injection in a variant primary ciliary dyskinesia with completely immotile sperm and structurally abnormal sperm tails. <i>Fertility and Sterility</i> , 2012, 97, 313-318.	1.0	36
93	Reproduction in a polluted world: implications for wildlife. <i>Reproduction</i> , 2020, 160, R13-R23.	2.6	35
94	Differential expression of clusterin in inducible models of apoptosis. <i>International Immunology</i> , 1992, 4, 1225-1231.	4.0	33
95	Cysteine-Rich Secretory Protein 2 Binds to Mitogen-Activated Protein Kinase Kinase Kinase 11 in Mouse Sperm1. <i>Biology of Reproduction</i> , 2007, 77, 108-114.	2.7	33
96	A framework for high-resolution phenotyping of candidate male infertility mutants: from human to mouse. <i>Human Genetics</i> , 2021, 140, 155-182.	3.8	33
97	Cell-specific expression of ^{12}C -activin in the rat reproductive tract, adrenal and liver. <i>Molecular and Cellular Endocrinology</i> , 2004, 222, 61-69.	3.2	32
98	Long-term follow-up of ICSI-conceived offspring compared with spontaneously conceived offspring: a systematic review of health outcomes beyond the neonatal period. <i>Andrology</i> , 2018, 6, 635-653.	3.5	32
99	Exome sequencing reveals variants in known and novel candidate genes for severe sperm motility disorders. <i>Human Reproduction</i> , 2021, 36, 2597-2611.	0.9	32
100	Epididymal cysteine-rich secretory proteins are required for epididymal sperm maturation and optimal sperm function. <i>Molecular Human Reproduction</i> , 2018, 24, 111-122.	2.8	30
101	Glucocorticoid-Induced Leucine Zipper (GILZ) Regulates Testicular FOXO1 Activity and Spermatogonial Stem Cell (SSC) Function. <i>PLoS ONE</i> , 2013, 8, e59149.	2.5	29
102	In vivo evidence that RBM5 is a tumour suppressor in the lung. <i>Scientific Reports</i> , 2017, 7, 16323.	3.3	29
103	Expression patterns of HENMT1 and PIWIL1 in human testis: implications for transposon expression. <i>Reproduction</i> , 2017, 154, 363-374.	2.6	29
104	Human sperm associated antigen 4 (SPAG4) is a potential cancer marker. <i>Cell and Tissue Research</i> , 2004, 315, 279-283.	2.9	28
105	Polymorphisms in the human cysteine-rich secretory protein 2 (CRISP2) gene in Australian men. <i>Human Reproduction</i> , 2008, 23, 2151-2159.	0.9	28
106	Variants in GCNA, X-linked germ-cell genome integrity gene, identified in men with primary spermatogenic failure. <i>Human Genetics</i> , 2021, 140, 1169-1182.	3.8	27
107	Motility induced changes in viscosity of suspensions of swimming microbes in extensional flows. <i>Soft Matter</i> , 2015, 11, 4658-4668.	2.7	26
108	Curvature in the reproductive tract alters sperm-surface interactions. <i>Nature Communications</i> , 2021, 12, 3446.	12.8	26

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109	Claudin-11 and connexin-43 display altered spatial patterns of organization in men with primary seminiferous tubule failure compared with controls. <i>Fertility and Sterility</i> , 2013, 100, 658-666.e3.	1.0	25
110	Genetic variants in the ETV5 gene in infertile and infertile men with nonobstructive azoospermia associated with Sertoli cell-only syndrome. <i>Fertility and Sterility</i> , 2012, 98, 827-835.e3.	1.0	24
111	LRGUK1 is part of a multiprotein complex required for manchette function and male fertility. <i>FASEB Journal</i> , 2017, 31, 1141-1152.	0.5	24
112	PLAG1 deficiency impairs spermatogenesis and sperm motility in mice. <i>Scientific Reports</i> , 2017, 7, 5317.	3.3	24
113	Rare mutations in the complement regulatory gene CSMD1 are associated with male and female infertility. <i>Nature Communications</i> , 2019, 10, 4626.	12.8	24
114	Genome-wide ENU Mutagenesis for the Discovery of Novel Male Fertility Regulators. <i>Systems Biology in Reproductive Medicine</i> , 2010, 56, 246-259.	2.1	23
115	Cysteine rich secretory proteins in reproduction and venom. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 65, 261-7.	0.2	22
116	Endometrial CRISP3 Is Regulated Throughout the Mouse Estrous and Human Menstrual Cycle and Facilitates Adhesion and Proliferation of Endometrial Epithelial Cells. <i>Biology of Reproduction</i> , 2015, 92, 99.	2.7	21
117	A mutation in the viral sensor 2â€™-5â€™-oligoadenylate synthetase 2 causes failure of lactation. <i>PLoS Genetics</i> , 2017, 13, e1007072.	3.5	21
118	Expression and Localization of Activin Subunits and Follistatins in Tissues from Men with High Grade Prostate Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3851-3858.	3.6	21
119	Nitric oxide synthase activity in human seminal plasma. <i>Urology</i> , 2001, 58, 85-89.	1.0	20
120	N-ethyl-N-nitrosourea (ENU) mutagenesis and male fertility research. <i>Human Reproduction Update</i> , 2006, 12, 293-301.	10.8	20
121	DNMT3L Is a Regulator of X Chromosome Compaction and Post-Meiotic Gene Transcription. <i>PLoS ONE</i> , 2011, 6, e18276.	2.5	20
122	Generation of Stable Pluripotent Stem Cells From NOD Mouse Tail-Tip Fibroblasts. <i>Diabetes</i> , 2011, 60, 1393-1398.	0.6	20
123	GLIPR1L1 is an IZUMO-binding protein required for optimal fertilization in the mouse. <i>BMC Biology</i> , 2019, 17, 86.	3.8	20
124	The functions of CAP superfamily proteins in mammalian fertility and disease. <i>Human Reproduction Update</i> , 2020, 26, 689-723.	10.8	20
125	Loss of the Nuclear Receptor Corepressor SLIRP Compromises Male Fertility. <i>PLoS ONE</i> , 2013, 8, e70700.	2.5	19
126	A global approach to addressing the policy, research and social challenges of male reproductive health. <i>Human Reproduction Open</i> , 2021, 2021, hoab009.	5.4	19

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127	Flagellar energetics from high-resolution imaging of beating patterns in tethered mouse sperm. <i>ELife</i> , 2021, 10, .	6.0	19
128	A repository of ENU mutant mouse lines and their potential for male fertility research. <i>Molecular Human Reproduction</i> , 2005, 11, 871-880.	2.8	18
129	A novel protein, sperm head and tail associated protein (SHTAP), interacts with cysteine-rich secretory protein 2 (CRISP2) during spermatogenesis in the mouse. <i>Biology of the Cell</i> , 2010, 102, 93-106.	2.0	18
130	Deficiency of the <i>Tbc1d21</i> gene causes male infertility with morphological abnormalities of the sperm mitochondria and flagellum in mice. <i>PLoS Genetics</i> , 2020, 16, e1009020.	3.5	18
131	Reduced PRC2 function alters male germline epigenetic programming and paternal inheritance. <i>BMC Biology</i> , 2018, 16, 104.	3.8	17
132	The Generation of Live Offspring from Vitrified Oocytes. <i>PLoS ONE</i> , 2011, 6, e21597.	2.5	17
133	RABL2 Is Required for Hepatic Fatty Acid Homeostasis and Its Dysfunction Leads to Steatosis and a Diabetes-Like State. <i>Endocrinology</i> , 2016, 157, 4732-4743.	2.8	16
134	Expression of katanin p80 in human spermatogenesis. <i>Fertility and Sterility</i> , 2016, 106, 1683-1690.e1.	1.0	16
135	Molecular analysis of the Parkin co-regulated gene and association with male infertility. <i>Fertility and Sterility</i> , 2010, 93, 2262-2268.	1.0	15
136	<scp>KATNB</scp>1 in the human testis and its genetic variants in fertile and oligoasthenoteratozoospermic infertile men. <i>Andrology</i> , 2014, 2, 884-891.	3.5	15
137	Utilising the resources of the International Knockout Mouse Consortium: the Australian experience. <i>Mammalian Genome</i> , 2015, 26, 142-153.	2.2	15
138	KATNB1 is a master regulator of multiple katanin enzymes in male meiosis and haploid germ cell development. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	15
139	Loss of GGN Leads to Pre-Implantation Embryonic Lethality and Compromised Male Meiotic DNA Double Strand Break Repair in the Mouse. <i>PLoS ONE</i> , 2013, 8, e56955.	2.5	14
140	Context-specific behavioural changes induced by exposure to an androgenic endocrine disruptor. <i>Science of the Total Environment</i> , 2019, 664, 177-187.	8.0	14
141	Delta and epsilon tubulin in mammalian development. <i>Trends in Cell Biology</i> , 2021, 31, 774-787.	7.9	14
142	CRISP3 expression drives prostate cancer invasion and progression. <i>Endocrine-Related Cancer</i> , 2020, 27, 415-430.	3.1	14
143	High-frequency Ultrasound Boosts Bull and Human Sperm Motility. <i>Advanced Science</i> , 2022, 9, e2104362.	11.2	13
144	Genetic screening of infertile men. <i>Reproduction, Fertility and Development</i> , 2004, 16, 573.	0.4	12

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145	GGN1 in the testis and ovary and its variance within the Australian fertile and infertile male population. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, 624-632.	3.6	12
146	The Sertoli cell expressed gene <i>Secernin1</i> (<i>Scrn1</i>) is dispensable for male fertility in the mouse. <i>Developmental Dynamics</i> , 2021, 250, 922-931.	1.8	12
147	Sox8 and Sertoli-cell Function. <i>Annals of the New York Academy of Sciences</i> , 2007, 1120, 104-113.	3.8	11
148	A Missense Mutation in the Transcription Factor ETV5 Leads to Sterility, Increased Embryonic and Perinatal Death, Postnatal Growth Restriction, Renal Asymmetry and Polydactyly in the Mouse. <i>PLoS ONE</i> , 2013, 8, e77311.	2.5	11
149	Uncoupling of transcription and translation of Fanconi anemia (FANC) complex proteins during spermatogenesis. <i>Spermatogenesis</i> , 2015, 5, e979061.	0.8	11
150	Expression of ciliated bronchial epithelium 1 during human spermatogenesis. <i>Fertility and Sterility</i> , 2017, 108, 47-54.	1.0	11
151	An optimised STAPUT method for the purification of mouse spermatocyte and spermatid populations. <i>Molecular Human Reproduction</i> , 2019, 25, 675-683.	2.8	11
152	Synthesis and application of peptide immunogens related to the sperm tail protein tpx-1, a member of the CRISP superfamily of proteins. <i>Chemical Biology and Drug Design</i> , 2001, 57, 1-10.	1.1	10
153	Genetic variants in the RABL2A gene in fertile and oligoasthenospermic infertile men. <i>Fertility and Sterility</i> , 2014, 102, 223-229.	1.0	10
154	Eukaryotic expression, purification and structure/function analysis of native, recombinant CRISP3 from human and mouse. <i>Scientific Reports</i> , 2014, 4, 4217.	3.3	10
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