Peter J Ellis

List of Publications by Year
in descending order

38 papers	1,686 citations	331538 21 h-index	302012 39 g-index
57 all docs	57 docs citations	57 times ranked	1918 citing authors

#	Article	IF	Citations
1	Pachytene Asynapsis Drives Meiotic Sex Chromosome Inactivation and Leads to Substantial Postmeiotic Repression in Spermatids. Developmental Cell, 2006, 10, 521-529.	3.1	258
2	A Genetic Basis for a Postmeiotic X Versus Y Chromosome Intragenomic Conflict in the Mouse. PLoS Genetics, 2012, 8, e1002900.	1.5	165
3	The Multicopy Gene Sly Represses the Sex Chromosomes in the Male Mouse Germline after Meiosis. PLoS Biology, 2009, 7, e1000244.	2.6	142
4	Loss of TSLC1 Causes Male Infertility Due to a Defect at the Spermatid Stage of Spermatogenesis. Molecular and Cellular Biology, 2006, 26, 3595-3609.	1.1	96
5	Deletions on mouse Yq lead to upregulation of multiple X- and Y-linked transcripts in spermatids. Human Molecular Genetics, 2005, 14, 2705-2715.	1.4	91
6	Identification of novel Y chromosome encoded transcripts by testis transcriptome analysis of mice with deletions of the Y chromosome long arm. Genome Biology, 2005, 6, R102.	3.8	85
7	The pig X and Y Chromosomes: structure, sequence, and evolution. Genome Research, 2016, 26, 130-139.	2.4	69
8	The human RPS4 paralogue on Yq11.223 encodes a structurally conserved ribosomal protein and is preferentially expressed during spermatogenesis. BMC Molecular Biology, 2010, 11, 33.	3.0	60
9	Association of Sly with sex-linked gene amplification during mouse evolution: a side effect of genomic conflict in spermatids?. Human Molecular Genetics, 2011, 20, 3010-3021.	1.4	60
10	Deficiency in the Multicopy <i>Sycp3</i>-Like X-Linked Genes <i>Slx</i> and <i>Slxl1</i> Causes Major Defects in Spermatid Differentiation. Molecular Biology of the Cell, 2010, 21, 3497-3505.	0.9	58
11	Modulation of the mouse testis transcriptome during postnatal development and in selected models of male infertility. Molecular Human Reproduction, 2004, 10, 271-281.	1.3	45
12	Differential Sperm Motility Mediates the Sex Ratio Drive Shaping Mouse Sex Chromosome Evolution. Current Biology, 2019, 29, 3692-3698.e4.	1.8	40
13	A high-throughput method for unbiased quantitation and categorization of nuclear morphology. Biology of Reproduction, 2019, 100, 1250-1260.	1.2	38
14	Bidirectional transcription of a novel chimeric gene mapping to mouse chromosome Yq. BMC Evolutionary Biology, 2007, 7, 171.	3.2	32
15	Thrifty metabolic programming in rats is induced by both maternal undernutrition and postnatal leptin treatment, but masked in the presence of both: implications for models of developmental programming. BMC Genomics, 2014, 15, 49.	1.2	32
16	Coordinated transcriptional regulation patterns associated with infertility phenotypes in men. Journal of Medical Genetics, 2007, 44, 498-508.	1.5	30
17	Two novel mouse genes mapped to chromosome Yp are expressed specifically in spermatids. Mammalian Genome, 2009, 20, 193-206.	1.0	28
18	Transcriptional dynamics of the sex chromosomes and the search for offspring sex-specific antigens in sperm. Reproduction, 2011, 142, 609-619.	1.1	27

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19	Transcriptional Profiling of Luteinizing Hormone Receptor-Deficient Mice Before and after Testosterone Treatment Provides Insight into the Hormonal Control of Postnatal Testicular Development and Leydig Cell Differentiation1. Biology of Reproduction, 2010, 82, 1139-1150.	1.2	26
20	Deficiency of the multi-copy mouse Y gene <i>Sly</i> causes sperm DNA damage and abnormal chromatin packaging. Journal of Cell Science, 2013, 126, 803-13.	1.2	26
21	Meiosis and beyond â€" understanding the mechanistic and evolutionary processes shaping the germline genome. Biological Reviews, 2021, 96, 822-841.	4.7	25
22	Spermatid development in XO male mice with varying Y chromosome short-arm gene content: evidence for a Y gene controlling the initiation of sperm morphogenesis. Reproduction, 2012, 144, 433-445.	1.1	24
23	The expression of Y-linked Zfy2 in XY mouse oocytes leads to frequent meiosis 2 defects, a high incidence of subsequent early cleavage stage arrest and infertility. Development (Cambridge), 2014, 141, 855-866.	1.2	24
24	Spermatogenesis and sex chromosome gene content: An evolutionary perspective. Human Fertility, 2006, 9, 1-7.	0.7	21
25	Zfygenes are required for efficient meiotic sex chromosome inactivation (MSCI) in spermatocytes. Human Molecular Genetics, 2016, 25, ddw344.	1.4	21
26	Modelling suggests ABO histo-incompatibility may substantially reduce SARS-CoV-2 transmission. Epidemics, 2021, 35, 100446.	1.5	18
27	Quasi-Mendelian paternal inheritance of mitochondrial DNA: A notorious artifact, or anticipated behavior?. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14797-14798.	3.3	17
28	Hypogonadal Mouse, a Model to Study the Effects of the Endogenous Lack of Gonadotropins on Apoptosis1. Biology of Reproduction, 2008, 78, 77-90.	1.2	16
29	CRISPR-Cas9 effectors facilitate generation of single-sex litters and sex-specific phenotypes. Nature Communications, 2021, 12, 6926.	5.8	15
30	Expression and localization of creatine kinase in the preimplantation embryo. Molecular Reproduction and Development, 2013, 80, 185-192.	1.0	14
31	A Conserved Requirement for Fbxo7 During Male Germ Cell Cytoplasmic Remodeling. Frontiers in Physiology, 2019, 10, 1278.	1.3	11
32	Expansion of the HSFY gene family in pig lineages. BMC Genomics, 2015, 16, 442.	1.2	10
33	3D chromatin remodelling in the germ line modulates genome evolutionary plasticity. Nature Communications, 2022, 13, 2608.	5.8	10
34	Sex and suicide: The curious case of Toll-like receptors. PLoS Biology, 2020, 18, e3000663.	2.6	9
35	Automated Nuclear Cartography Reveals Conserved Sperm Chromosome Territory Localization across 2 Million Years of Mouse Evolution. Genes, 2019, 10, 109.	1.0	7
36	A Targeted and Tuneable DNA Damage Tool Using CRISPR/Cas9. Biomolecules, 2021, 11, 288.	1.8	5

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37	Identification of optimal assisted aspiration conditions of oocytes for use in porcine in vitro maturation: A reâ€evaluation of the relationship between the cumulus oocyte complex and oocyte quality. Veterinary Medicine and Science, 2021, 7, 465-473.	0.6	2
38	Form from Function, Order from Chaos in Male Germline Chromatin. Genes, 2020, 11, 210.	1.0	1