

Peter J Ellis

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,686
citations

331259

21
h-index

301761

39
g-index

57
all docs

57
docs citations

57
times ranked

1918
citing authors

#	ARTICLE	IF	CITATIONS
1	3D chromatin remodelling in the germ line modulates genome evolutionary plasticity. <i>Nature Communications</i> , 2022, 13, 2608.	5.8	10
2	Identification of optimal assisted aspiration conditions of oocytes for use in porcine in vitro maturation: A re-evaluation of the relationship between the cumulus oocyte complex and oocyte quality. <i>Veterinary Medicine and Science</i> , 2021, 7, 465-473.	0.6	2
3	Meiosis and beyond – understanding the mechanistic and evolutionary processes shaping the germline genome. <i>Biological Reviews</i> , 2021, 96, 822-841.	4.7	25
4	A Targeted and Tuneable DNA Damage Tool Using CRISPR/Cas9. <i>Biomolecules</i> , 2021, 11, 288.	1.8	5
5	Modelling suggests ABO histo-incompatibility may substantially reduce SARS-CoV-2 transmission. <i>Epidemics</i> , 2021, 35, 100446.	1.5	18
6	CRISPR-Cas9 effectors facilitate generation of single-sex litters and sex-specific phenotypes. <i>Nature Communications</i> , 2021, 12, 6926.	5.8	15
7	Sex and suicide: The curious case of Toll-like receptors. <i>PLoS Biology</i> , 2020, 18, e3000663.	2.6	9
8	Form from Function, Order from Chaos in Male Germline Chromatin. <i>Genes</i> , 2020, 11, 210.	1.0	1
9	Quasi-Mendelian paternal inheritance of mitochondrial DNA: A notorious artifact, or anticipated behavior?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14797-14798.	3.3	17
10	A Conserved Requirement for Fbxo7 During Male Germ Cell Cytoplasmic Remodeling. <i>Frontiers in Physiology</i> , 2019, 10, 1278.	1.3	11
11	Differential Sperm Motility Mediates the Sex Ratio Drive Shaping Mouse Sex Chromosome Evolution. <i>Current Biology</i> , 2019, 29, 3692-3698.e4.	1.8	40
12	Automated Nuclear Cartography Reveals Conserved Sperm Chromosome Territory Localization across 2 Million Years of Mouse Evolution. <i>Genes</i> , 2019, 10, 109.	1.0	7
13	A high-throughput method for unbiased quantitation and categorization of nuclear morphology. <i>Biology of Reproduction</i> , 2019, 100, 1250-1260.	1.2	38
14	Zfygenes are required for efficient meiotic sex chromosome inactivation (MSCI) in spermatocytes. <i>Human Molecular Genetics</i> , 2016, 25, ddd344.	1.4	21
15	The pig X and Y Chromosomes: structure, sequence, and evolution. <i>Genome Research</i> , 2016, 26, 130-139.	2.4	69
16	Expansion of the HSFY gene family in pig lineages. <i>BMC Genomics</i> , 2015, 16, 442.	1.2	10
17	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. <i>Development (Cambridge)</i> , 2014, 141, 855-866.	1.2	24
18	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. <i>BMC Genomics</i> , 2014, 15, 49.	1.2	32

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19	Deficiency of the multi-copy mouse Y gene <i>Sly</i> causes sperm DNA damage and abnormal chromatin packaging. <i>Journal of Cell Science</i> , 2013, 126, 803-13.	1.2	26
20	Expression and localization of creatine kinase in the preimplantation embryo. <i>Molecular Reproduction and Development</i> , 2013, 80, 185-192.	1.0	14
21	A Genetic Basis for a Postmeiotic X Versus Y Chromosome Intragenomic Conflict in the Mouse. <i>PLoS Genetics</i> , 2012, 8, e1002900.	1.5	165
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. <i>Reproduction</i> , 2012, 144, 433-445.	1.1	24
23	Transcriptional dynamics of the sex chromosomes and the search for offspring sex-specific antigens in sperm. <i>Reproduction</i> , 2011, 142, 609-619.	1.1	27
24	Association of <i>Sly</i> with sex-linked gene amplification during mouse evolution: a side effect of genomic conflict in spermatids?. <i>Human Molecular Genetics</i> , 2011, 20, 3010-3021.	1.4	60
25	The human RPS4 paralogue on Yq11.223 encodes a structurally conserved ribosomal protein and is preferentially expressed during spermatogenesis. <i>BMC Molecular Biology</i> , 2010, 11, 33.	3.0	60
26	Deficiency in the Multicopy <i>Sycp3</i> -Like X-Linked Genes <i>Slx</i> and <i>Slx1</i> Causes Major Defects in Spermatid Differentiation. <i>Molecular Biology of the Cell</i> , 2010, 21, 3497-3505.	0.9	58
27	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 Differentiation. <i>Biological Reproduction</i> , 2010, 82, 1139-1150.	1.2	26
28	The Multicopy Gene <i>Sly</i> Represses the Sex Chromosomes in the Male Mouse Germline after Meiosis. <i>PLoS Biology</i> , 2009, 7, e1000244.	2.6	142
29	Two novel mouse genes mapped to chromosome Yp are expressed specifically in spermatids. <i>Mammalian Genome</i> , 2009, 20, 193-206.	1.0	28
30	Hypogonadal Mouse, a Model to Study the Effects of the Endogenous Lack of Gonadotropins on Apoptosis. <i>Biological Reproduction</i> , 2008, 78, 77-90.	1.2	16
31	Coordinated transcriptional regulation patterns associated with infertility phenotypes in men. <i>Journal of Medical Genetics</i> , 2007, 44, 498-508.	1.5	30
32	Bidirectional transcription of a novel chimeric gene mapping to mouse chromosome Yq. <i>BMC Evolutionary Biology</i> , 2007, 7, 171.	3.2	32
33	Spermatogenesis and sex chromosome gene content: An evolutionary perspective. <i>Human Fertility</i> , 2006, 9, 1-7.	0.7	21
34	Pachytene Asynapsis Drives Meiotic Sex Chromosome Inactivation and Leads to Substantial Postmeiotic Repression in Spermatids. <i>Developmental Cell</i> , 2006, 10, 521-529.	3.1	258
35	Loss of TSLC1 Causes Male Infertility Due to a Defect at the Spermatid Stage of Spermatogenesis. <i>Molecular and Cellular Biology</i> , 2006, 26, 3595-3609.	1.1	96
36	Deletions on mouse Yq lead to upregulation of multiple X- and Y-linked transcripts in spermatids. <i>Human Molecular Genetics</i> , 2005, 14, 2705-2715.	1.4	91

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37	Identification of novel Y chromosome encoded transcripts by testis transcriptome analysis of mice with deletions of the Y chromosome long arm. <i>Genome Biology</i> , 2005, 6, R102.	3.8	85
38	Modulation of the mouse testis transcriptome during postnatal development and in selected models of male infertility. <i>Molecular Human Reproduction</i> , 2004, 10, 271-281.	1.3	45