

Michael Primig

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

4,203
citations

31
h-index

64
g-index

75
ext. papers

4,711
ext. citations

9.2
avg, IF

4.65
L-index

#	Paper	IF	Citations
73	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015 , 43, W589-98	20.1	468
72	The core meiotic transcriptome in budding yeasts. <i>Nature Genetics</i> , 2000 , 26, 415-23	36.3	378
71	The muscle regulatory factors MyoD and myf-5 undergo distinct cell cycle-specific expression in muscle cells. <i>Journal of Cell Biology</i> , 1998 , 142, 1447-59	7.3	257
70	A screen for genes required for meiosis and spore formation based on whole-genome expression. <i>Current Biology</i> , 2001 , 11, 1001-9	6.3	254
69	The transition from proliferation to differentiation is delayed in satellite cells from mice lacking MyoD. <i>Developmental Biology</i> , 1999 , 210, 440-55	3.1	216
68	The conserved transcriptome in human and rodent male gametogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 8346-51	11.5	212
67	Transcription of two long noncoding RNAs mediates mating-type control of gametogenesis in budding yeast. <i>Cell</i> , 2012 , 150, 1170-81	56.2	187
66	Anatomy of a transcription factor important for the start of the cell cycle in <i>Saccharomyces cerevisiae</i> . <i>Nature</i> , 1992 , 358, 593-7	50.4	133
65	BioMart Central Portal: an open database network for the biological community. <i>Database: the Journal of Biological Databases and Curation</i> , 2011 , 2011, bar041	5	124
64	Functional annotation and network reconstruction through cross-platform integration of microarray data. <i>Nature Biotechnology</i> , 2005 , 23, 238-43	44.5	118
63	Expression profiling of mammalian male meiosis and gametogenesis identifies novel candidate genes for roles in the regulation of fertility. <i>Molecular Biology of the Cell</i> , 2004 , 15, 1031-43	3.5	113
62	RhoA GTPase and serum response factor control selectively the expression of MyoD without affecting Myf5 in mouse myoblasts. <i>Molecular Biology of the Cell</i> , 1998 , 9, 1891-902	3.5	109
61	Execution of the meiotic noncoding RNA expression program and the onset of gametogenesis in yeast require the conserved exosome subunit Rrp6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 1058-63	11.5	103
60	Critical activities of Rac1 and Cdc42Hs in skeletal myogenesis: antagonistic effects of JNK and p38 pathways. <i>Molecular Biology of the Cell</i> , 2000 , 11, 2513-28	3.5	95
59	Gene profiling of skeletal muscle in an amyotrophic lateral sclerosis mouse model. <i>Physiological Genomics</i> , 2008 , 32, 207-18	3.6	93
58	The Ume6 regulon coordinates metabolic and meiotic gene expression in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13431-6	11.5	88
57	Screening for biomarkers of spermatogonia within the human testis: a whole genome approach. <i>Human Reproduction</i> , 2010 , 25, 1104-12	5.7	87

56	Global human tissue profiling and protein network analysis reveals distinct levels of transcriptional germline-specificity and identifies target genes for male infertility. <i>Human Reproduction</i> , 2012 , 27, 3233-48	5.7	65
55	Cross-platform gene expression signature of human spermatogenic failure reveals inflammatory-like response. <i>Human Reproduction</i> , 2007 , 22, 2936-46	5.7	63
54	Mammalian male germ cells are fertile ground for expression profiling of sexual reproduction. <i>Reproduction</i> , 2005 , 129, 1-7	3.8	57
53	The Annotation, Mapping, Expression and Network (AMEN) suite of tools for molecular systems biology. <i>BMC Bioinformatics</i> , 2008 , 9, 86	3.6	55
52	Differential marker protein expression specifies rarefaction zone-containing human Adark spermatogonia. <i>Reproduction</i> , 2012 , 143, 45-57	3.8	53
51	The epigenetic processes of meiosis in male mice are broadly affected by the widely used herbicide atrazine. <i>BMC Genomics</i> , 2015 , 16, 885	4.5	45
50	XY Sox9 embryonic loss-of-function mouse mutants show complete sex reversal and produce partially fertile XY oocytes. <i>Developmental Biology</i> , 2011 , 354, 111-22	3.1	44
49	NPR1 kinase and RSP5-BUL1/2 ubiquitin ligase control GLN3-dependent transcription in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2004 , 279, 37512-7	5.4	41
48	Novel response to microtubule perturbation in meiosis. <i>Molecular and Cellular Biology</i> , 2005 , 25, 4767-81	4.8	41
47	High-resolution profiling of novel transcribed regions during rat spermatogenesis. <i>Biology of Reproduction</i> , 2014 , 91, 5	3.9	40
46	Ashbya Genome Database 3.0: a cross-species genome and transcriptome browser for yeast biologists. <i>BMC Genomics</i> , 2007 , 8, 9	4.5	40
45	GermOnline 4.0 is a genomics gateway for germline development, meiosis and the mitotic cell cycle. <i>Database: the Journal of Biological Databases and Curation</i> , 2010 , 2010, baq030	5	38
44	Transgenerational Inheritance of Environmentally Induced Epigenetic Alterations during Mammalian Development. <i>Cells</i> , 2019 , 8,	7.9	37
43	Mining meiosis and gametogenesis with DNA microarrays. <i>Reproduction</i> , 2003 , 125, 447-56	3.8	34
42	Transcriptional signature of an adult brain tumor in <i>Drosophila</i> . <i>BMC Genomics</i> , 2004 , 5, 24	4.5	30
41	Muscle gene expression is a marker of amyotrophic lateral sclerosis severity. <i>Neurodegenerative Diseases</i> , 2012 , 9, 38-52	2.3	29
40	Genome-wide expression profiling, in vivo DNA binding analysis, and probabilistic motif prediction reveal novel Abf1 target genes during fermentation, respiration, and sporulation in yeast. <i>Molecular Biology of the Cell</i> , 2008 , 19, 2193-207	3.5	26
39	goCluster integrates statistical analysis and functional interpretation of microarray expression data. <i>Bioinformatics</i> , 2005 , 21, 3575-7	7.2	22

38	GermOnline, a cross-species community knowledgebase on germ cell differentiation. <i>Nucleic Acids Research</i> , 2004 , 32, D560-7	20.1	22
37	An enhancer directs differential expression of the linked Mrf4 and Myf5 myogenic regulatory genes in the mouse. <i>Developmental Biology</i> , 2004 , 269, 595-608	3.1	22
36	Evolutionary conservation of otd/Otx2 transcription factor action: a genome-wide microarray analysis in <i>Drosophila</i> . <i>Genome Biology</i> , 2002 , 3, RESEARCH0015	18.3	20
35	The GermOnline cross-species systems browser provides comprehensive information on genes and gene products relevant for sexual reproduction. <i>Nucleic Acids Research</i> , 2007 , 35, D457-62	20.1	18
34	GermOnline, a new cross-species community annotation database on germ-line development and gametogenesis. <i>Nature Genetics</i> , 2003 , 35, 291-2	36.3	18
33	Combining RNA and protein profiling data with network interactions identifies genes associated with spermatogenesis in mouse and human. <i>Biology of Reproduction</i> , 2015 , 92, 71	3.9	17
32	A DNA binding factor (UBF) interacts with a positive regulatory element in the promoters of genes expressed during meiosis and vegetative growth in yeast. <i>Nucleic Acids Research</i> , 1995 , 23, 3449-56	20.1	17
31	The conserved histone deacetylase Rpd3 and its DNA binding subunit Ume6 control dynamic transcript architecture during mitotic growth and meiotic development. <i>Nucleic Acids Research</i> , 2015 , 43, 115-28	20.1	16
30	Expression screening of cancer/testis genes in prostate cancer identifies NR6A1 as a novel marker of disease progression and aggressiveness. <i>Prostate</i> , 2013 , 73, 1103-14	4.2	16
29	Direct iterative protein profiling (DIPP) - an innovative method for large-scale protein detection applied to budding yeast mitosis. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, M111.012682	7.6	16
28	GPSy: a cross-species gene prioritization system for conserved biological processes--application in male gamete development. <i>Nucleic Acids Research</i> , 2012 , 40, W458-65	20.1	16
27	Toward understanding the core meiotic transcriptome in mammals and its implications for somatic cancer. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1120, 1-15	6.5	16
26	The Ashbya Genome Database (AGD)--a tool for the yeast community and genome biologists. <i>Nucleic Acids Research</i> , 2005 , 33, D348-52	20.1	15
25	Proteome analysis and genome-wide regulatory motif prediction identify novel potentially sex-hormone regulated proteins in rat efferent ducts. <i>Journal of Developmental and Physical Disabilities</i> , 2010 , 33, 661-74		14
24	Genome-wide identification of Sox8-, and Sox9-dependent genes during early post-natal testis development in the mouse. <i>Andrology</i> , 2013 , 1, 281-92	4.2	13
23	MIMAS 3.0 is a Multiomics Information Management and Annotation System. <i>BMC Bioinformatics</i> , 2009 , 10, 151	3.6	13
22	COVID-19 and human reproduction: A pandemic that packs a serious punch. <i>Systems Biology in Reproductive Medicine</i> , 2021 , 67, 3-23	2.9	13
21	EXOSC10/Rrp6 is post-translationally regulated in male germ cells and controls the onset of spermatogenesis. <i>Scientific Reports</i> , 2017 , 7, 15065	4.9	12

20	MIMAS: an innovative tool for network-based high density oligonucleotide microarray data management and annotation. <i>BMC Bioinformatics</i> , 2006 , 7, 190	3.6	12
19	Profiling spermatogenic failure in adult testes bearing Sox9-deficient Sertoli cells identifies genes involved in feminization, inflammation and stress. <i>Reproductive Biology and Endocrinology</i> , 2010 , 8, 154	5	11
18	Database model and specification of GermOnline Release 2.0, a cross-species community annotation knowledgebase on germ cell differentiation. <i>Bioinformatics</i> , 2004 , 20, 808-11	7.2	11
17	Developmental stage dependent metabolic regulation during meiotic differentiation in budding yeast. <i>BMC Biology</i> , 2014 , 12, 60	7.3	9
16	Fhl5/Act, a CREM-binding transcriptional activator required for normal sperm maturation and morphology, is not essential for testicular gene expression. <i>Reproductive Biology and Endocrinology</i> , 2009 , 7, 133	5	9
15	The conserved histone deacetylase Rpd3 and the DNA binding regulator Ume6 repress BOI1 δ meiotic transcript isoform during vegetative growth in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2015 , 96, 861-74	4.1	8
14	Global alterations of the transcriptional landscape during yeast growth and development in the absence of Ume6-dependent chromatin modification. <i>Molecular Genetics and Genomics</i> , 2015 , 290, 2031-46	3.1	8
13	Non-coding RNAs as cell wall regulators in. <i>Critical Reviews in Microbiology</i> , 2020 , 46, 15-25	7.8	7
12	The protein expression landscape of mitosis and meiosis in diploid budding yeast. <i>Journal of Proteomics</i> , 2017 , 156, 5-19	3.9	6
11	Mitotic expression of Spo13 alters M-phase progression and nucleolar localization of Cdc14 in budding yeast. <i>Genetics</i> , 2010 , 185, 841-54	4	6
10	Ndt80 activates the meiotic ORC1 transcript isoform and SMA2 via a bi-directional middle sporulation element in <i>Saccharomyces cerevisiae</i> . <i>RNA Biology</i> , 2016 , 13, 772-82	4.8	6
9	Integrated RNA- and protein profiling of fermentation and respiration in diploid budding yeast provides insight into nutrient control of cell growth and development. <i>Journal of Proteomics</i> , 2015 , 119, 30-44	3.9	4
8	The bioinformatics tool box for reproductive biology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 1880-95	6.9	4
7	A novel GFPneo vector designed for the isolation and analysis of enhancer elements in transfected mammalian cells. <i>Gene</i> , 1998 , 215, 181-9	3.8	4
6	Nuclear translocation of MRTFA in MCF7 breast cancer cells shifts ER α nuclear/genomic to extra-nuclear/non genomic actions. <i>Molecular and Cellular Endocrinology</i> , 2021 , 530, 111282	4.4	3
5	The anti-cancer drug 5-fluorouracil affects cell cycle regulators and potential regulatory long non-coding RNAs in yeast. <i>RNA Biology</i> , 2019 , 16, 727-741	4.8	3
4	Tex55 encodes a conserved putative A-kinase anchoring protein dispensable for male fertility in the mouse. <i>Biology of Reproduction</i> , 2021 , 104, 731-733	3.9	2
3	The histone deacetylase Rpd3/Sin3/Ume6 complex represses an acetate-inducible isoform of VTH2 in fermenting budding yeast cells. <i>FEBS Letters</i> , 2015 , 589, 924-32	3.8	1

- 2 Regulation of the conserved 3'5' cap-exonuclease EXOSC10/Rrp6 during cell division, development and cancer. *Biological Reviews*, **2021**, 96, 1092-1113 13.5 0
- 1 Combined RNA/tissue profiling identifies novel Cancer/testis genes. *Molecular Oncology*, **2021**, 15, 3003-3023