

Helen White-Cooper

List of Publications by Year in descending order

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43
papers

3,922
citations

201658

27
h-index

302107

39
g-index

45
all docs

45
docs citations

45
times ranked

4346
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereological estimates of dopaminergic, GABAergic and glutamatergic neurons in the ventral tegmental area, substantia nigra and retrorubral field in the rat. <i>Neuroscience</i> , 2008, 152, 1024-1031.	2.3	520
2	Somatic support cells restrict germline stem cell self-renewal and promote differentiation. <i>Nature</i> , 2000, 407, 750-754.	27.8	353
3	Late-acting dominant lethal genetic systems and mosquito control. <i>BMC Biology</i> , 2007, 5, 11.	3.8	342
4	Fly Cell Atlas: A single-nucleus transcriptomic atlas of the adult fruit fly. <i>Science</i> , 2022, 375, eabk2432.	12.6	295
5	Female-specific flightless phenotype for mosquito control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4550-4554.	7.1	291
6	Native E2F/RBF Complexes Contain Myb-Interacting Proteins and Repress Transcription of Developmentally Controlled E2F Target Genes. <i>Cell</i> , 2004, 119, 181-193.	28.9	255
7	twine, a cdc25 homolog that functions in the male and female germline of drosophila. <i>Cell</i> , 1992, 69, 977-988.	28.9	219
8	Analysis of the expression patterns, subcellular localisations and interaction partners of <i>Drosophila</i> proteins using a <i>pigP</i> protein trap library. <i>Development (Cambridge)</i> , 2014, 141, 3994-4005.	2.5	160
9	Molecular mechanisms of gene regulation during <i>Drosophila</i> spermatogenesis. <i>Reproduction</i> , 2010, 139, 11-21.	2.6	128
10	Post-meiotic transcription in <i>Drosophila</i> testes. <i>Development (Cambridge)</i> , 2008, 135, 1897-1902.	2.5	115
11	Exploitation of Diatom Frustules for Nanotechnology: Tethering Active Biomolecules. <i>Advanced Functional Materials</i> , 2008, 18, 369-374.	14.9	106
12	Mutations in <i>Drosophila</i> Greatwall/Scant Reveal Its Roles in Mitosis and Meiosis and Interdependence with Polo Kinase. <i>PLoS Genetics</i> , 2007, 3, e200.	3.5	95
13	Tissue, cell type and stage-specific ectopic gene expression and RNAi induction in the <i>Drosophila</i> testis. <i>Spermatogenesis</i> , 2012, 2, 11-22.	0.8	85
14	Evolution and spermatogenesis. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 1465-1480.	4.0	73
15	The Essential Role of PP1 ² in <i>Drosophila</i> Is to Regulate Nonmuscle Myosin. <i>Molecular Biology of the Cell</i> , 2004, 15, 4395-4405.	2.1	60
16	Transcriptional activation in <i>Drosophila</i> spermatogenesis involves the mutually dependent function of aly and a novel meiotic arrest gene cookie monster. <i>Development (Cambridge)</i> , 2003, 130, 563-573.	2.5	55
17	Tombola, a tesmin/TSO1-family protein, regulates transcriptional activation in the <i>Drosophila</i> male germline and physically interacts with Always early. <i>Development (Cambridge)</i> , 2007, 134, 1549-1559.	2.5	55
18	Modification of the physical and optical properties of the frustule of the diatom <i>Coscinodiscus wailesii</i> by nickel sulfate. <i>Nanotechnology</i> , 2007, 18, 295101.	2.6	55

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19	Drosophila TGIF is essential for developmentally regulated transcription in spermatogenesis. <i>Development (Cambridge)</i> , 2003, 130, 2841-2852.	2.5	54
20	Regulation of transcription of meiotic cell cycle and terminal differentiation genes by the testis-specific Zn-finger protein matotopetli. <i>Development (Cambridge)</i> , 2004, 131, 1691-1702.	2.5	54
21	Use of molecular cloning methods to map the distribution of epitopes on topoisomerase I (Scl-70) recognized by sera of scleroderma patients. <i>Arthritis and Rheumatism</i> , 1990, 33, 1501-1511.	6.7	44
22	Determination of gene expression patterns using in situ hybridization to <i>Drosophila</i> testes. <i>Nature Protocols</i> , 2009, 4, 1807-1819.	12.0	44
23	Spermatogenesis: Analysis of Meiosis and Morphogenesis. , 2004, 247, 45-76.		41
24	Unique Aspects of Transcription Regulation in Male Germ Cells. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a002626-a002626.	5.5	39
25	Studying how flies make spermâ€”Investigating gene function in <i>Drosophila</i> testes. <i>Molecular and Cellular Endocrinology</i> , 2009, 306, 66-74.	3.2	35
26	The evolution of spermatogenesis. , 2009, , 151-183.		35
27	<i>Drosophila</i> Uri, a PP1Î± binding protein, is essential for viability, maintenance of DNA integrity and normal transcriptional activity. <i>BMC Molecular Biology</i> , 2008, 9, 36.	3.0	34
28	FlyTED: the <i>Drosophila</i> Testis Gene Expression Database. <i>Nucleic Acids Research</i> , 2010, 38, D710-D715.	14.5	34
29	Mutations in New Cell Cycle Genes That Fail to Complement a Multiply Mutant Third Chromosome of <i>Drosophila</i> . <i>Genetics</i> , 1996, 144, 1097-1111.	2.9	32
30	Wake-up-call, a lin-52 paralogue, and Always early, a lin-9 homologue physically interact, but have opposing functions in regulating testis-specific gene expression. <i>Developmental Biology</i> , 2011, 355, 381-393.	2.0	27
31	OpenFlyData: An exemplar data web integrating gene expression data on the fruit fly <i>Drosophila melanogaster</i> . <i>Journal of Biomedical Informatics</i> , 2010, 43, 752-761.	4.3	22
32	The RNA Export Factor, Nxt1, Is Required for Tissue Specific Transcriptional Regulation. <i>PLoS Genetics</i> , 2013, 9, e1003526.	3.5	18
33	Transcriptional and Post-transcriptional Regulation of <i>Drosophila</i> Germline Stem Cells and Their Differentiating Progeny. <i>Advances in Experimental Medicine and Biology</i> , 2013, 786, 47-61.	1.6	17
34	Transcription factor Comr acts as a direct activator in the genetic program controlling spermatogenesis in <i>D. melanogaster</i> . <i>Molecular Biology</i> , 2014, 48, 130-140.	1.3	17
35	Comet and cup genes in <i>Drosophila</i> spermatogenesis: the first demonstration of post-meiotic transcription. <i>Biochemical Society Transactions</i> , 2008, 36, 540-542.	3.4	16
36	Gene structure and molecular analysis of <i>Arabidopsis thaliana</i> ALWAYS EARLY homologs. <i>Gene</i> , 2004, 336, 219-229.	2.2	15

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37	Genome-wide analysis of gene regulation mechanisms during <i>Drosophila</i> spermatogenesis. <i>Epigenetics and Chromatin</i> , 2018, 11, 14.	3.9	13
38	Degenerate evolution of the hedgehog gene in a hemichordate lineage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7491-7494.	7.1	12
39	Spatial and temporal control of mitotic cyclins by the Gnu regulator of embryonic mitosis in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2004, 117, 3571-3578.	2.0	7
40	Identification of genes for engineering the male germline of <i>Aedes aegypti</i> and <i>Ceratitis capitata</i> . <i>BMC Genomics</i> , 2016, 17, 948.	2.8	6
41	Roles for RNA export factor, <i>Nxt1</i> , in ensuring muscle integrity and normal RNA expression in <i>Drosophila</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	4
42	Mutations in <i>Drosophila</i> Greatwall/Scant reveal its roles in mitosis and meiosis and interdependence with Polo kinase. <i>PLoS Genetics</i> , 2005, preprint, e200.	3.5	0
43	The Meiotic Role of twine, A <i>Drosophila</i> Homologue of <i>cdc25</i> . , 1994, , 51-57.		0