

Dale Dorsett

List of Publications by Year in descending order

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63
papers

4,561
citations

101543
36
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61
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69
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69
docs citations

69
times ranked

4123
citing authors

#	ARTICLE	IF	CITATIONS
1	Cornelia de Lange syndrome and the Cohesin complex: Abstracts from the 9th Biennial Scientific and Educational Virtual Symposium 2020. American Journal of Medical Genetics, Part A, 2022, 188, 1005-1014.	1.2	1
2	A Two-Step Process of Effector Programming Governs CD4+ T Cell Fate Determination Induced by Antigenic Activation in the Steady State. Cell Reports, 2020, 33, 108424.	6.4	15
3	The Many Roles of Cohesin in Drosophila Gene Transcription. Trends in Genetics, 2019, 35, 542-551.	6.7	21
4	Cohesin occupancy and composition at enhancers and promoters are linked to DNA replication origin proximity in <i>Drosophila</i> . Genome Research, 2019, 29, 602-612.	5.5	31
5	A Cell-Intrinsic Interferon-like Response Links Replication Stress to Cellular Aging Caused by Progerin. Cell Reports, 2018, 22, 2006-2015.	6.4	93
6	Brca2, Pds5 and Wapl differentially control cohesin chromosome association and function. PLoS Genetics, 2018, 14, e1007225.	3.5	28
7	Histone H3K4 monomethylation catalyzed by Trr and mammalian COMPASS-like proteins at enhancers is dispensable for development and viability. Nature Genetics, 2017, 49, 1647-1653.	21.4	168
8	Polycomb repressive complex 1 modifies transcription of active genes. Science Advances, 2017, 3, e1700944.	10.3	50
9	Measuring Sister Chromatid Cohesion Protein Genome Occupancy in Drosophila melanogaster by ChIP-seq. Methods in Molecular Biology, 2017, 1515, 125-139.	0.9	8
10	The <i>Drosophila melanogaster</i> model for Cornelia de Lange syndrome: Implications for etiology and therapeutics. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2016, 172, 129-137.	1.6	12
11	Drosophila TDP-43 RNA-Binding Protein Facilitates Association of Sister Chromatid Cohesion Proteins with Genes, Enhancers and Polycomb Response Elements. PLoS Genetics, 2016, 12, e1006331.	3.5	27
12	Vitamin D receptor signaling improves Hutchinson-Gilford progeria syndrome cellular phenotypes. Oncotarget, 2016, 7, 30018-30031.	1.8	53
13	Drosophila Nipped-B Mutants Model Cornelia de Lange Syndrome in Growth and Behavior. PLoS Genetics, 2015, 11, e1005655.	3.5	33
14	Germline gain-of-function mutations in AFF4 cause a developmental syndrome functionally linking the super elongation complex and cohesin. Nature Genetics, 2015, 47, 338-344.	21.4	109
15	HCoDES Reveals Chromosomal DNA End Structures with Single-Nucleotide Resolution. Molecular Cell, 2014, 56, 808-818.	9.7	31
16	<i>Sall1</i> balances self-renewal and differentiation of renal progenitor cells. Development (Cambridge), 2014, 141, 1047-1058.	2.5	48
17	Cornelia de Lange syndrome: Further delineation of phenotype, cohesin biology and educational focus, 5th Biennial Scientific and Educational Symposium abstracts. American Journal of Medical Genetics, Part A, 2014, 164, 1384-1393.	1.2	9
18	Checks and Balances between Cohesin and Polycomb in Gene Silencing and Transcription. Current Biology, 2014, 24, R535-R539.	3.9	19

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19	Cohesin at active genes: a unifying theme for cohesin and gene expression from model organisms to humans. <i>Current Opinion in Cell Biology</i> , 2013, 25, 327-333.	5.4	111
20	Genome-Wide Control of RNA Polymerase II Activity by Cohesin. <i>PLoS Genetics</i> , 2013, 9, e1003382.	3.5	97
21	The <i>Drosophila</i> Enhancer of split Gene Complex: Architecture and Coordinate Regulation by Notch, Cohesin, and Polycomb Group Proteins. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1785-1794.	1.8	21
22	Cohesin and Polycomb Proteins Functionally Interact to Control Transcription at Silenced and Active Genes. <i>PLoS Genetics</i> , 2013, 9, e1003560.	3.5	99
23	What fruit flies can tell us about human birth defects. <i>Missouri Medicine</i> , 2013, 110, 309-13.	0.3	0
24	The <i>Drosophila</i> Mi-2 Chromatin-Remodeling Factor Regulates Higher-Order Chromatin Structure and Cohesin Dynamics In Vivo. <i>PLoS Genetics</i> , 2012, 8, e1002878.	3.5	32
25	Wapl antagonizes cohesin binding and promotes Polycomb-group silencing in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2012, 139, 4172-4179.	2.5	41
26	The Ancient and Evolving Roles of Cohesin in Gene Expression and DNA Repair. <i>Current Biology</i> , 2012, 22, R240-R250.	3.9	138
27	Wapl antagonizes cohesin binding and promotes Polycomb-group silencing in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2012, 125, e1-e1.	2.0	0
28	Cohesin: genomic insights into controlling gene transcription and development. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 199-206.	3.3	167
29	Cohesin Selectively Binds and Regulates Genes with Paused RNA Polymerase. <i>Current Biology</i> , 2011, 21, 1624-1634.	3.9	77
30	Gene Regulation: The Cohesin Ring Connects Developmental Highways. <i>Current Biology</i> , 2010, 20, R886-R888.	3.9	14
31	Dosage-Sensitive Regulation of Cohesin Chromosome Binding and Dynamics by Nipped-B, Pds5, and Wapl. <i>Molecular and Cellular Biology</i> , 2010, 30, 4940-4951.	2.3	81
32	Positive regulation of c-Myc by cohesin is direct, and evolutionarily conserved. <i>Developmental Biology</i> , 2010, 344, 637-649.	2.0	101
33	Cohesin, gene expression and development: Lessons from <i>Drosophila</i> . <i>Chromosome Research</i> , 2009, 17, 185-200.	2.2	75
34	On the Molecular Etiology of Cornelia de Lange Syndrome. <i>Annals of the New York Academy of Sciences</i> , 2009, 1151, 22-37.	3.8	116
35	Dosage Effects of Cohesin Regulatory Factor PDS5 on Mammalian Development: Implications for Cohesinopathies. <i>PLoS ONE</i> , 2009, 4, e5232.	2.5	74
36	Regulation of the <i>Drosophila</i> Enhancer of split and invected-engrailed Gene Complexes by Sister Chromatid Cohesion Proteins. <i>PLoS ONE</i> , 2009, 4, e6202.	2.5	99

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37	Functional links between Drosophila Nipped-B and cohesin in somatic and meiotic cells. Chromosoma, 2008, 117, 51-66.	2.2	63
38	Association of cohesin and Nipped-B with transcriptionally active regions of the Drosophila melanogaster genome. Chromosoma, 2008, 117, 89-102.	2.2	194
39	Cohesin and CTCF: cooperating to control chromosome conformation?. BioEssays, 2008, 30, 715-718.	2.5	38
40	Running Rings around Chromosomes to Trim Axons and Target Dendrites. Developmental Cell, 2008, 14, 156-158.	7.0	5
41	The <i>Drosophila</i> cohesin subunit <i>Rad21</i> is a <i>trithorax</i> group (trxG) protein. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12405-12410.	7.1	61
42	Mutations in Cohesin Complex Members SMC3 and SMC1A Cause a Mild Variant of Cornelia de Lange Syndrome with Predominant Mental Retardation. American Journal of Human Genetics, 2007, 80, 485-494.	6.2	445
43	Son of Notch, a Winged-helix Gene Involved in Boundary Formation in the Drosophila Wing. IUBMB Life, 2007, 59, 781-790.	3.4	0
44	Roles of the sister chromatid cohesion apparatus in gene expression, development, and human syndromes. Chromosoma, 2007, 116, 1-13.	2.2	140
45	Roles of the sister chromatid cohesion apparatus in gene expression and development. FASEB Journal, 2007, 21, A655.	0.5	0
46	Nipped-A, the Tra1/TRRAP Subunit of the Drosophila SAGA and Tip60 Complexes, Has Multiple Roles in Notch Signaling during Wing Development. Molecular and Cellular Biology, 2006, 26, 2347-2359.	2.3	46
47	Drosophila Rtf1 functions in histone methylation, gene expression, and Notch signaling. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11970-11974.	7.1	68
48	Metazoan Scc4 Homologs Link Sister Chromatid Cohesion to Cell and Axon Migration Guidance. PLoS Biology, 2006, 4, e242.	5.6	95
49	Effects of sister chromatid cohesion proteins on cut gene expression during wing development in Drosophila. Development (Cambridge), 2005, 132, 4743-4753.	2.5	129
50	Drosophila Nipped-B Protein Supports Sister Chromatid Cohesion and Opposes the Stromalin/Scc3 Cohesion Factor To Facilitate Long-Range Activation of the cut Gene. Molecular and Cellular Biology, 2004, 24, 3100-3111.	2.3	207
51	Adherin: Key to the Cohesin Ring and Cornelia de Lange Syndrome. Current Biology, 2004, 14, R834-R836.	3.9	39
52	Insulation of Enhancer-Promoter Communication by a Gypsy Transposon Insert in the Drosophila cut Gene: Cooperation between Suppressor of Hairy-wing and Modifier of mdg4 Proteins. Molecular and Cellular Biology, 2001, 21, 4807-4817.	2.3	119
53	Chip interacts with diverse homeodomain proteins and potentiates Bicoid activity in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 2686-2691.	7.1	82
54	Distant liaisons: long-range enhancer-promoter interactions in Drosophila. Current Opinion in Genetics and Development, 1999, 9, 505-514.	3.3	172

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55	Nipped-B, a Drosophila Homologue of Chromosomal Adherins, Participates in Activation by Remote Enhancers in the cut and Ultrabithorax Genes. Genetics, 1999, 152, 577-593.	2.9	273
56	A Proline-Rich Region in the Zeste Protein Essential for Transvection and white Repression by Zeste1. Genetics, 1998, 148, 1865-1874.	2.9	12
57	Structure and Expression of Wild-Type and Suppressible Alleles of the Drosophila <i>purple</i> Gene. Genetics, 1996, 142, 1157-1168.	2.9	24
58	Genes Regulating the Remote Wing Margin Enhancer in the Drosophila cut Locus. Genetics, 1996, 144, 1143-1154.	2.9	75
59	Potential of a polyadenylation site by a downstream protein-DNA interaction.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 4373-4377.	7.1	64
60	Purification and biosynthesis of quench spot, a drosopterin precursor in Drosophila melanogaster. Biochemistry, 1982, 21, 1238-1243.	2.5	19
61	Biosynthesis, nonenzymic synthesis, and purification of the intermediate in synthesis of sepiapterin in Drosophila. Biochemistry, 1982, 21, 3892-3899.	2.5	15
62	A naturally occurring pyrimidodiazepine in Drosophila: chemical and spectral properties and relationship to drosopterin. Biochemistry, 1982, 21, 5700-5706.	2.5	25
63	Biosynthesis of "drosopterins" by an enzyme system from Drosophila melanogaster. Biochemistry, 1979, 18, 2596-2600.	2.5	31