

# Dale Dorsett

## List of Publications by Year in descending order

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63  
papers

4,561  
citations

116194

36  
h-index

139680

61  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4578  
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.	0.7	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.	2.9	15
3	The Many Roles of Cohesin in Drosophila Gene Transcription. Trends in Genetics, 2019, 35, 542-551.	2.9	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.	2.4	31
5	A Cell-Intrinsic Interferon-like Response Links Replication Stress to Cellular Aging Caused by Progerin. Cell Reports, 2018, 22, 2006-2015.	2.9	93
6	Brca2, Pds5 and Wapl differentially control cohesin chromosome association and function. PLoS Genetics, 2018, 14, e1007225.	1.5	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.	9.4	168
8	Polycomb repressive complex 1 modifies transcription of active genes. Science Advances, 2017, 3, e1700944.	4.7	50
9	Measuring Sister Chromatid Cohesion Protein Genome Occupancy in <i>Drosophila melanogaster</i> by CHIP-seq. Methods in Molecular Biology, 2017, 1515, 125-139.	0.4	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.	0.7	12
11	<i>Drosophila</i> TDP-43 RNA-Binding Protein Facilitates Association of Sister Chromatid Cohesion Proteins with Genes, Enhancers and Polycomb Response Elements. PLoS Genetics, 2016, 12, e1006331.	1.5	27
12	Vitamin D receptor signaling improves Hutchinson-Gilford progeria syndrome cellular phenotypes. Oncotarget, 2016, 7, 30018-30031.	0.8	53
13	<i>Drosophila</i> Nipped-B Mutants Model Cornelia de Lange Syndrome in Growth and Behavior. PLoS Genetics, 2015, 11, e1005655.	1.5	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.	9.4	109
15	HCoDES Reveals Chromosomal DNA End Structures with Single-Nucleotide Resolution. Molecular Cell, 2014, 56, 808-818.	4.5	31
16	<i>Sall1</i> balances self-renewal and differentiation of renal progenitor cells. Development (Cambridge), 2014, 141, 1047-1058.	1.2	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.	0.7	9
18	Checks and Balances between Cohesin and Polycomb in Gene Silencing and Transcription. Current Biology, 2014, 24, R535-R539.	1.8	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.	2.6	111
20	Genome-Wide Control of RNA Polymerase II Activity by Cohesin. <i>PLoS Genetics</i> , 2013, 9, e1003382.	1.5	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.	0.8	21
22	Cohesin and Polycomb Proteins Functionally Interact to Control Transcription at Silenced and Active Genes. <i>PLoS Genetics</i> , 2013, 9, e1003560.	1.5	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.	1.5	32
25	Wapl antagonizes cohesin binding and promotes Polycomb-group silencing in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2012, 139, 4172-4179.	1.2	41
26	The Ancient and Evolving Roles of Cohesin in Gene Expression and DNA Repair. <i>Current Biology</i> , 2012, 22, R240-R250.	1.8	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.	1.2	0
28	Cohesin: genomic insights into controlling gene transcription and development. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 199-206.	1.5	167
29	Cohesin Selectively Binds and Regulates Genes with Paused RNA Polymerase. <i>Current Biology</i> , 2011, 21, 1624-1634.	1.8	77
30	Gene Regulation: The Cohesin Ring Connects Developmental Highways. <i>Current Biology</i> , 2010, 20, R886-R888.	1.8	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.	1.1	81
32	Positive regulation of c-Myc by cohesin is direct, and evolutionarily conserved. <i>Developmental Biology</i> , 2010, 344, 637-649.	0.9	101
33	Cohesin, gene expression and development: Lessons from <i>Drosophila</i> . <i>Chromosome Research</i> , 2009, 17, 185-200.	1.0	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.	1.8	116
35	Dosage Effects of Cohesin Regulatory Factor PDS5 on Mammalian Development: Implications for Cohesinopathies. <i>PLoS ONE</i> , 2009, 4, e5232.	1.1	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.	1.1	99

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37	Functional links between Drosophila Nipped-B and cohesin in somatic and meiotic cells. <i>Chromosoma</i> , 2008, 117, 51-66.	1.0	63
38	Association of cohesin and Nipped-B with transcriptionally active regions of the Drosophila melanogaster genome. <i>Chromosoma</i> , 2008, 117, 89-102.	1.0	194
39	Cohesin and CTCF: cooperating to control chromosome conformation?. <i>BioEssays</i> , 2008, 30, 715-718.	1.2	38
40	Running Rings around Chromosomes to Trim Axons and Target Dendrites. <i>Developmental Cell</i> , 2008, 14, 156-158.	3.1	5
41	The <i>Drosophila</i> cohesin subunit <i>Rad21</i> is a <i>trithorax</i> group ( <i>trxG</i> ) protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12405-12410.	3.3	61
42	Mutations in Cohesin Complex Members SMC3 and SMC1A Cause a Mild Variant of Cornelia de Lange Syndrome with Predominant Mental Retardation. <i>American Journal of Human Genetics</i> , 2007, 80, 485-494.	2.6	445
43	Son of Notch, a Winged-helix Gene Involved in Boundary Formation in the Drosophila Wing. <i>IUBMB Life</i> , 2007, 59, 781-790.	1.5	0
44	Roles of the sister chromatid cohesion apparatus in gene expression, development, and human syndromes. <i>Chromosoma</i> , 2007, 116, 1-13.	1.0	140
45	Roles of the sister chromatid cohesion apparatus in gene expression and development. <i>FASEB Journal</i> , 2007, 21, A655.	0.2	0
46	Nipped-A, the Tra1/TRRAP Subunit of the Drosophila SAGA and Tip60 Complexes, Has Multiple Roles in Notch Signaling during Wing Development. <i>Molecular and Cellular Biology</i> , 2006, 26, 2347-2359.	1.1	46
47	Drosophila Rtf1 functions in histone methylation, gene expression, and Notch signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11970-11974.	3.3	68
48	Metazoan Scc4 Homologs Link Sister Chromatid Cohesion to Cell and Axon Migration Guidance. <i>PLoS Biology</i> , 2006, 4, e242.	2.6	95
49	Effects of sister chromatid cohesion proteins on cut gene expression during wing development in Drosophila. <i>Development (Cambridge)</i> , 2005, 132, 4743-4753.	1.2	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. <i>Molecular and Cellular Biology</i> , 2004, 24, 3100-3111.	1.1	207
51	Adherin: Key to the Cohesin Ring and Cornelia de Lange Syndrome. <i>Current Biology</i> , 2004, 14, R834-R836.	1.8	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 <i>mdg4</i> Proteins. <i>Molecular and Cellular Biology</i> , 2001, 21, 4807-4817.	1.1	119
53	Chip interacts with diverse homeodomain proteins and potentiates Bicoid activity in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 2686-2691.	3.3	82
54	Distant liaisons: long-range enhancer-promoter interactions in Drosophila. <i>Current Opinion in Genetics and Development</i> , 1999, 9, 505-514.	1.5	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. <i>Genetics</i> , 1999, 152, 577-593.	1.2	273
56	A Proline-Rich Region in the Zeste Protein Essential for Transvection and white Repression by Zeste1. <i>Genetics</i> , 1998, 148, 1865-1874.	1.2	12
57	Structure and Expression of Wild-Type and Suppressible Alleles of the Drosophila <i>purple</i> Gene. <i>Genetics</i> , 1996, 142, 1157-1168.	1.2	24
58	Genes Regulating the Remote Wing Margin Enhancer in the Drosophila cut Locus. <i>Genetics</i> , 1996, 144, 1143-1154.	1.2	75
59	Potential of a polyadenylation site by a downstream protein-DNA interaction.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 4373-4377.	3.3	64
60	Purification and biosynthesis of quench spot, a drosopterin precursor in Drosophila melanogaster. <i>Biochemistry</i> , 1982, 21, 1238-1243.	1.2	19
61	Biosynthesis, nonenzymic synthesis, and purification of the intermediate in synthesis of sepiapterin in Drosophila. <i>Biochemistry</i> , 1982, 21, 3892-3899.	1.2	15
62	A naturally occurring pyrimidodiazepine in Drosophila: chemical and spectral properties and relationship to drosopterin. <i>Biochemistry</i> , 1982, 21, 5700-5706.	1.2	25
63	Biosynthesis of "drosopterins" by an enzyme system from Drosophila melanogaster. <i>Biochemistry</i> , 1979, 18, 2596-2600.	1.2	31