

Craig M Hart

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,244
citations

331670

21
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

3177
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone Methyltransferase Activity of a Drosophila Polycomb Group Repressor Complex. <i>Cell</i> , 2002, 111, 197-208.	28.9	1,416
2	Visualization of chromosomal domains with boundary element-associated factor BEAF-32. <i>Cell</i> , 1995, 81, 879-889.	28.9	303
3	A Drosophila ESC-E(Z) Protein Complex Is Distinct from Other Polycomb Group Complexes and Contains Covalently Modified ESC. <i>Molecular and Cellular Biology</i> , 2000, 20, 3069-3078.	2.3	147
4	Regulated inactivation of homologous gene expression in transgenic <i>Nicotiana sylvestris</i> plants containing a defense-related tobacco chitinase gene. <i>Molecular Genetics and Genomics</i> , 1992, 235, 179-188.	2.4	139
5	The scsâ€™ Boundary Element: Characterization of Boundary Element-Associated Factors. <i>Molecular and Cellular Biology</i> , 1997, 17, 999-1009.	2.3	109
6	Facilitation of chromatin dynamics by SARs. <i>Current Opinion in Genetics and Development</i> , 1998, 8, 519-525.	3.3	105
7	A 61 bp enhancer element of the tobacco Î²-1,3-glucanase B gene interacts with one or more regulated nuclear proteins. <i>Plant Molecular Biology</i> , 1993, 21, 121-131.	3.9	95
8	Genome-Wide Mapping of Boundary Element-Associated Factor (BEAF) Binding Sites in <i>Drosophila melanogaster</i> Links BEAF to Transcription. <i>Molecular and Cellular Biology</i> , 2009, 29, 3556-3568.	2.3	95
9	Identification of a Class of Chromatin Boundary Elements. <i>Molecular and Cellular Biology</i> , 1998, 18, 7478-7486.	2.3	86
10	Evidence for an antagonistic relationship between the boundary element-associated factor BEAF and the transcription factor DREF. <i>Chromosoma</i> , 1999, 108, 375-383.	2.2	81
11	Evidence for a role of beta-1,3-glucanase in dicot seed germination. <i>Plant Journal</i> , 1994, 5, 273-278.	5.7	79
12	Developmental, hormonal, and pathogenesis-related regulation of the tobacco class I Î²-1,3-glucanase B promoter. <i>Plant Molecular Biology</i> , 1994, 25, 299-311.	3.9	73
13	Mapping geochemical singularity using multifractal analysis: Application to anomaly definition on stream sediments data from Funin Sheet, Yunnan, China. <i>Journal of Geochemical Exploration</i> , 2010, 104, 1-11.	3.2	69
14	BEAF Regulates Cell-Cycle Genes through the Controlled Deposition of H3K9 Methylation Marks into Its Conserved Dual-Core Binding Sites. <i>PLoS Biology</i> , 2008, 6, e327.	5.6	60
15	The Drosophila Boundary Element-Associated Factors BEAF-32A and BEAF-32B Affect Chromatin Structure. <i>Genetics</i> , 2006, 173, 1365-1375.	2.9	59
16	Characterization of BEAF Mutations Isolated by Homologous Recombination in Drosophila. <i>Genetics</i> , 2007, 176, 801-813.	2.9	49
17	Transcription antitermination by phage lambda gene Q protein requires a DNA segment spanning the RNA start site.. <i>Genes and Development</i> , 1987, 1, 217-226.	5.9	47
18	Identification of a multicopy chromatin boundary element at the borders of silenced chromosomal domains. <i>Chromosoma</i> , 2002, 110, 519-531.	2.2	47

#	ARTICLE	IF	CITATIONS
19	Genome-wide studies of the multi-zinc finger Drosophila Suppressor of Hairy-wing protein in the ovary. <i>Nucleic Acids Research</i> , 2012, 40, 5415-5431.	14.5	47
20	Studies of the Role of the Drosophila scs and scs ² Insulators in Defining Boundaries of a Chromosome Puff. <i>Molecular and Cellular Biology</i> , 2004, 24, 1470-1480.	2.3	36
21	Deletion Analysis of the Lambda tR1 Termination Region. <i>Journal of Molecular Biology</i> , 1994, 237, 255-265.	4.2	33
22	A genetic screen supports a broad role for the Drosophila insulator proteins BEAF-32A and BEAF-32B in maintaining patterns of gene expression. <i>Molecular Genetics and Genomics</i> , 2007, 277, 273-286.	2.1	21
23	4C-seq characterization of Drosophila BEAF binding regions provides evidence for highly variable long-distance interactions between active chromatin. <i>PLoS ONE</i> , 2018, 13, e0203843.	2.5	11
24	Promoter-Proximal Chromatin Domain Insulator Protein BEAF Mediates Local and Long-Range Communication with a Transcription Factor and Directly Activates a Housekeeping Promoter in <i>Drosophila</i> . <i>Genetics</i> , 2020, 215, 89-101.	2.9	10
25	Characterization of the Drosophila BEAF-32A and BEAF-32B Insulator Proteins. <i>PLoS ONE</i> , 2016, 11, e0162906.	2.5	10
26	Lack of the Drosophila BEAF insulator proteins alters regulation of genes in the Antennapedia complex. <i>Molecular Genetics and Genomics</i> , 2011, 285, 113-123.	2.1	4
27	Overlapping but Distinct Sequences Play Roles in the Insulator and Promoter Activities of the <i>Drosophila</i> BEAF-Dependent scs ² Insulator. <i>Genetics</i> , 2020, 215, 1003-1012.	2.9	4
28	Targeted gene replacement by homologous recombination in Drosophila stimulates production of second-site mutations. <i>Fly</i> , 2010, 4, 12-17.	1.7	3
29	Do the BEAF insulator proteins regulate genes involved in cell polarity and neoplastic growth?. <i>Developmental Biology</i> , 2014, 389, 121-123.	2.0	3
30	Using a phiC31 ϕ -Disintegrase to make new attP sites in the Drosophila genome at locations showing chromosomal position effects. <i>PLoS ONE</i> , 2018, 13, e0205538.	2.5	3