

Helen M Chamberlin

List of Publications by Year in descending order

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42
papers

892
citations

516215

16
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500791

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108
all docs

108
docs citations

108
times ranked

979
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated sequence sets in mitochondrial DNA molecules of root knot nematodes (<i>Meloidogyne</i>): nucleotide sequences, genome location and potential for host-race identification. <i>Nucleic Acids Research</i> , 1991, 19, 1619-1626.	6.5	122
2	<i>Caenorhabditis briggsae</i> Recombinant Inbred Line Genotypes Reveal Inter-Strain Incompatibility and the Evolution of Recombination. <i>PLoS Genetics</i> , 2011, 7, e1002174.	1.5	116
3	EGL-38 Pax regulates the <i>ovo</i> -related gene <i>lin-48</i> during <i>Caenorhabditis elegans</i> organ development. <i>Development (Cambridge)</i> , 2001, 128, 2857-2865.	1.2	64
4	Multiple regulatory changes contribute to the evolution of the <i>Caenorhabditis lin-48 ovo</i> gene. <i>Genes and Development</i> , 2002, 16, 2345-2349.	2.7	63
5	Evolutionary innovation of the excretory system in <i>Caenorhabditis elegans</i> . <i>Nature Genetics</i> , 2004, 36, 231-232.	9.4	45
6	A toolkit for rapid gene mapping in the nematode <i>Caenorhabditis briggsae</i> . <i>BMC Genomics</i> , 2010, 11, 236.	1.2	43
7	Pax2/5/8 proteins promote cell survival in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2006, 133, 4193-4202.	1.2	37
8	Characterization of Seven Genes Affecting <i>Caenorhabditis elegans</i> Hindgut Development. <i>Genetics</i> , 1999, 153, 731-742.	1.2	35
9	Noncatalytic <i>PTEN</i> missense mutation predisposes to organ-selective cancer development in vivo. <i>Genes and Development</i> , 2015, 29, 1707-1720.	2.7	29
10	LET-23-mediated signal transduction during <i>Caenorhabditis elegans</i> development. <i>Molecular Reproduction and Development</i> , 1995, 42, 523-528.	1.0	28
11	Transcriptional Regulation of AQP-8, a <i>Caenorhabditis elegans</i> Aquaporin Exclusively Expressed in the Excretory System, by the POU Homeobox Transcription Factor CEH-6. <i>Journal of Biological Chemistry</i> , 2007, 282, 28074-28086.	1.6	27
12	Discovery of Stromal Regulatory Networks that Suppress Ras-Sensitized Epithelial Cell Proliferation. <i>Developmental Cell</i> , 2017, 41, 392-407.e6.	3.1	25
13	Evolution of regulatory elements producing a conserved gene expression pattern in <i>Caenorhabditis</i> . <i>Evolution & Development</i> , 2004, 6, 237-245.	1.1	23
14	Mutations in the <i>Caenorhabditis elegans</i> Gene <i>vab-3</i> Reveal Distinct Roles in Fate Specification and Unequal Cytokinesis in an Asymmetric Cell Division. <i>Developmental Biology</i> , 1995, 170, 679-689.	0.9	22
15	<i>Caenorhabditis</i> evolution: if they all look alike, you aren't looking hard enough. <i>Trends in Genetics</i> , 2007, 23, 101-104.	2.9	20
16	The Pax2/5/8 gene <i>egl-38</i> coordinates organogenesis of the <i>C. elegans</i> egg-laying system. <i>Developmental Biology</i> , 2007, 301, 240-253.	0.9	19
17	The bromodomain protein LEX-1 acts with TAM-1 to modulate gene expression in <i>C. elegans</i> . <i>Molecular Genetics and Genomics</i> , 2007, 278, 507-518.	1.0	17
18	A regulatory network modeled from wild-type gene expression data guides functional predictions in <i>Caenorhabditis elegans</i> development. <i>BMC Systems Biology</i> , 2012, 6, 77.	3.0	13

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19	The bZip proteins CES-2 and ATF-2 alter the timing of transcription for a cell-specific target gene in <i>C. elegans</i> . <i>Developmental Biology</i> , 2006, 289, 456-465.	0.9	12
20	Developmental patterning in the <i>Caenorhabditis elegans</i> hindgut. <i>Developmental Biology</i> , 2003, 262, 88-93.	0.9	11
21	The <i>Caenorhabditis elegans</i> heterochronic gene <i>lin-14</i> coordinates temporal progression and maturation in the egg-laying system. <i>Developmental Dynamics</i> , 2009, 238, 394-404.	0.8	10
22	HOM-C genes, Wnt signaling and axial patterning in the <i>C. elegans</i> posterior ventral epidermis. <i>Developmental Biology</i> , 2009, 332, 156-165.	0.9	10
23	Coordinate regulation of gene expression in the <i>C. elegans</i> excretory cell by the POU domain protein CEH-6. <i>Molecular Genetics and Genomics</i> , 2010, 283, 73-87.	1.0	10
24	Mutations in <i>Caenorhabditis briggsae</i> identify new genes important for limiting the response to EGF signaling during vulval development. <i>Evolution & Development</i> , 2015, 17, 34-48.	1.1	10
25	Modulation of <i>Caenorhabditis elegans</i> Transcription Factor Activity by HIM-8 and the Related Zinc-Finger ZIM Proteins. <i>Genetics</i> , 2007, 177, 1221-1226.	1.2	9
26	FACT complex gene duplicates exhibit redundant and non-redundant functions in <i>C. elegans</i> . <i>Developmental Biology</i> , 2018, 444, 71-82.	0.9	9
27	Differing roles for <i>sur-2/MED23</i> in <i>C. elegans</i> and <i>C. briggsae</i> vulval development. <i>Development Genes and Evolution</i> , 2017, 227, 213-218.	0.4	7
28	Evaluating the efficacy of enzalutamide and the development of resistance in a preclinical mouse model of type-I endometrial carcinoma. <i>Neoplasia</i> , 2020, 22, 484-496.	2.3	7
29	Alteration of the DNA binding domain disrupts distinct functions of the <i>C. elegans</i> Pax protein EGL-38. <i>Mechanisms of Development</i> , 2005, 122, 887-899.	1.7	6
30	Positive and negative regulatory inputs restrict <i>pax-6/vab-3</i> transcription to sensory organ precursors in <i>Caenorhabditis elegans</i> . <i>Mechanisms of Development</i> , 2008, 125, 486-497.	1.7	6
31	<i>C. elegans</i> select. <i>Nature Methods</i> , 2010, 7, 693-695.	9.0	6
32	Developmental functions for the <i>Caenorhabditis elegans</i> Sp protein SPTF-3. <i>Mechanisms of Development</i> , 2011, 128, 428-441.	1.7	6
33	A computational model predicts genetic nodes that allow switching between species-specific responses in a conserved signaling network. <i>Integrative Biology (United Kingdom)</i> , 2017, 9, 156-166.	0.6	6
34	Copulation defective mutants of. <i>MicroPublication Biology</i> , 2017, 2017, .	0.1	4
35	EGL-38/Pax coordinates development in the <i>Caenorhabditis elegans</i> egg-laying system through EGF pathway dependent and independent functions. <i>Mechanisms of Development</i> , 2019, 159, 103566.	1.7	3
36	Evolution of Transcriptional Repressors Impacts <i>Caenorhabditis</i> Vulval Development. <i>Molecular Biology and Evolution</i> , 2020, 37, 1350-1361.	3.5	3

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37	Orphan Genes Find a Home: Interspecific Competition and Gene Network Evolution. PLoS Genetics, 2015, 11, e1005254.	1.5	3
38	Nematode Development: New Tricks for Old Genes. Current Biology, 2006, 16, R532-R533.	1.8	2
39	Coordination of local and long range signaling modulates developmental patterning. Journal of Theoretical Biology, 2021, 517, 110596.	0.8	2
40	Nematode development: An evolutionary fugue. Current Biology, 2000, 10, R631-R633.	1.8	1
41	The adaptable lin-39. Nature Genetics, 2001, 29, 106-107.	9.4	1
42	Abstract 919: A genome-wide screen in <i>C. elegans</i> identifies cell non-autonomous suppressors of let-60/RAS mediated oncogenic over-proliferation. , 2016, , .		0