Helen M Chamberlin

List of Publications by Year
in descending order

42	892	516215 16	500791 28
papers	citations	h-index	g-index

108	108	108	979
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coordination of local and long range signaling modulates developmental patterning. Journal of Theoretical Biology, 2021, 517, 110596.	0.8	2
2	Evaluating the efficacy of enzalutamide and the development of resistance in a preclinical mouse model of type-I endometrial carcinoma. Neoplasia, 2020, 22, 484-496.	2.3	7
3	Evolution of Transcriptional Repressors Impacts Caenorhabditis Vulval Development. Molecular Biology and Evolution, 2020, 37, 1350-1361.	3.5	3
4	EGL-38/Pax coordinates development in the Caenhorhabditis elegans egg-laying system through EGF pathway dependent and independent functions. Mechanisms of Development, 2019, 159, 103566.	1.7	3
5	FACT complex gene duplicates exhibit redundant and non-redundant functions in C. elegans. Developmental Biology, 2018, 444, 71-82.	0.9	9
6	A computational model predicts genetic nodes that allow switching between species-specific responses in a conserved signaling network. Integrative Biology (United Kingdom), 2017, 9, 156-166.	0.6	6
7	Differing roles for sur-2/MED23 in C. elegans and C. briggsae vulval development. Development Genes and Evolution, 2017, 227, 213-218.	0.4	7
8	Discovery of Stromal Regulatory Networks that Suppress Ras-Sensitized Epithelial Cell Proliferation. Developmental Cell, 2017, 41, 392-407.e6.	3.1	25
9	Copulation defective mutants of. MicroPublication Biology, 2017, 2017, .	0.1	4
10	Abstract 919: A genome-wide screen in C. elegans identifies cell non-autonomous suppressors of let-60/RAS mediated oncogenic over-proliferation. , 2016, , .		0
11	Mutations in Caenorhabditis briggsae identify new genes important for limiting the response to EGF signaling during vulval development. Evolution & Development, 2015, 17, 34-48.	1.1	10
12	Noncatalytic PTEN missense mutation predisposes to organ-selective cancer development in vivo. Genes and Development, 2015, 29, 1707-1720.	2.7	29
13	Orphan Genes Find a Home: Interspecific Competition and Gene Network Evolution. PLoS Genetics, 2015, 11, e1005254.	1.5	3
14	A regulatory network modeled from wild-type gene expression data guides functional predictions in Caenorhabditis elegans development. BMC Systems Biology, 2012, 6, 77.	3.0	13
15	Developmental functions for the Caenorhabditis elegans Sp protein SPTF-3. Mechanisms of Development, 2011, 128, 428-441.	1.7	6
16	Caenorhabditis briggsae Recombinant Inbred Line Genotypes Reveal Inter-Strain Incompatibility and the Evolution of Recombination. PLoS Genetics, 2011, 7, e1002174.	1.5	116
17	Coordinate regulation of gene expression in the C. elegans excretory cell by the POU domain protein CEH-6. Molecular Genetics and Genomics, 2010, 283, 73-87.	1.0	10
18	A toolkit for rapid gene mapping in the nematode Caenorhabditis briggsae. BMC Genomics, 2010, 11, 236.	1.2	43

#	Article	IF	Citations
19	C. elegans select. Nature Methods, 2010, 7, 693-695.	9.0	6
20	The Caenorhabditis elegans heterochronic gene linâ€14 coordinates temporal progression and maturation in the eggâ€laying system. Developmental Dynamics, 2009, 238, 394-404.	0.8	10
21	HOM-C genes, Wnt signaling and axial patterning in the C. elegans posterior ventral epidermis. Developmental Biology, 2009, 332, 156-165.	0.9	10
22	Positive and negative regulatory inputs restrict pax-6/vab-3 transcription to sensory organ precursors in Caenorhabditis elegans. Mechanisms of Development, 2008, 125, 486-497.	1.7	6
23	Transcriptional Regulation of AQP-8, a Caenorhabditis elegans Aquaporin Exclusively Expressed in the Excretory System, by the POU Homeobox Transcription Factor CEH-6. Journal of Biological Chemistry, 2007, 282, 28074-28086.	1.6	27
24	Modulation of Caenorhabditis elegans Transcription Factor Activity by HIM-8 and the Related Zinc-Finger ZIM Proteins. Genetics, 2007, 177, 1221-1226.	1.2	9
25	The Pax2/5/8 gene egl-38 coordinates organogenesis of the C. elegansegg-laying system. Developmental Biology, 2007, 301, 240-253.	0.9	19
26	Caenorhabditis evolution: if they all look alike, you arenâ€™t looking hard enough. Trends in Genetics, 2007, 23, 101-104.	2.9	20
27	The bromodomain protein LEX-1 acts with TAM-1 to modulate gene expression in C. elegans. Molecular Genetics and Genomics, 2007, 278, 507-518.	1.0	17
28	The bZip proteins CES-2 and ATF-2 alter the timing of transcription for a cell-specific target gene in C. elegans. Developmental Biology, 2006, 289, 456-465.	0.9	12
29	Nematode Development: New Tricks for Old Genes. Current Biology, 2006, 16, R532-R533.	1.8	2
30	Pax2/5/8 proteins promote cell survival in C. elegans. Development (Cambridge), 2006, 133, 4193-4202.	1.2	37
31	Alteration of the DNA binding domain disrupts distinct functions of the C. elegans Pax protein EGL-38. Mechanisms of Development, 2005, 122, 887-899.	1.7	6
32	Evolution of regulatory elements producing a conserved gene expression pattern in Caenorhabditis. Evolution & Development, 2004, 6, 237-245.	1.1	23
33	Evolutionary innovation of the excretory system in Caenorhabditis elegans. Nature Genetics, 2004, 36, 231-232.	9.4	45
34	Developmental patterning in the Caenorhabditis elegans hindgut. Developmental Biology, 2003, 262, 88-93.	0.9	11
35	Multiple regulatory changes contribute to the evolution of the Caenorhabditis lin-48 ovo gene. Genes and Development, 2002, 16, 2345-2349.	2.7	63
36	The adaptable lin-39. Nature Genetics, 2001, 29, 106-107.	9.4	1

#	Article	IF	Citations
37	EGL-38 Pax regulates theovo-related genelin-48duringCaenorhabditis elegansorgan development. Development (Cambridge), 2001, 128, 2857-2865.	1.2	64
38	Nematode development: An evolutionary fugue. Current Biology, 2000, 10, R631-R633.	1.8	1
39	Characterization of Seven Genes Affecting Caenorhabditis elegans Hindgut Development. Genetics, 1999, 153, 731-742.	1.2	35
40	LET-23-mediated signal transduction duringCaenorhabditis elegans development. Molecular Reproduction and Development, 1995, 42, 523-528.	1.0	28
41	Mutations in the Caenorhabditis elegans Gene vab-3 Reveal Distinct Roles in Fate Specification and Unequal Cytokinesis in an Asymmetric Cell Division. Developmental Biology, 1995, 170, 679-689.	0.9	22
42	Repeated sequence sets in mitochondrial DNA molecules of root knot nematodes (Meloidogyne): nucleotide sequences, genome location and potential for host-race identification. Nucleic Acids Research, 1991, 19, 1619-1626.	6.5	122