Susan E Mango

List of Publications by Year
in descending order

49 papers	5,472 citations	126907 33 h-index	197818 49 g-index
55 all docs	55 docs citations	55 times ranked	6268 citing authors

#	Article	IF	Citations
1	A Map of the Interactome Network of the Metazoan C. elegans. Science, 2004, 303, 540-543.	12.6	1,587
2	The art and design of genetic screens: Caenorhabditis elegans. Nature Reviews Genetics, 2002, 3, 356-369.	16.3	385
3	Regulation of Organogenesis by the Caenorhabditis elegans FoxA Protein PHA-4. Science, 2002, 295, 821-825.	12.6	347
4	Pioneer transcription factors, chromatin dynamics, and cell fate control. Current Opinion in Genetics and Development, 2016, 37, 76-81.	3.3	312
5	A Gene-Centered C. elegans Protein-DNA Interaction Network. Cell, 2006, 125, 1193-1205.	28.9	224
6	pha-4, anHNF-3 homolog, specifies pharyngeal organ identity inCaenorhabditisâ€‰elegans. Genes and Development, 1998, 12, 1947-1952.	5.9	191
7	Genome-Wide Identification of Binding Sites Defines Distinct Functions for Caenorhabditis elegans PHA-4/FOXA in Development and Environmental Response. PLoS Genetics, 2010, 6, e1000848.	3.5	165
8	Environmentally Induced Foregut Remodeling by PHA-4/FoxA and DAF-12/NHR. Science, 2004, 305, 1743-1746.	12.6	164
9	The Target of Rapamycin Pathway Antagonizes pha-4/FoxA to Control Development and Aging. Current Biology, 2008, 18, 1355-1364.	3.9	159
10	A Link Between RNA Interference and Nonsense-Mediated Decay in Caenorhabditis elegans. Science, 2000, 289, 1928-1930.	12.6	135
11	CYK-4/GAP Provides a Localized Cue to Initiate Anteroposterior Polarity upon Fertilization. Science, 2006, 313, 1298-1301.	12.6	121
12	The TBP-like Factor CeTLF Is Required to Activate RNA Polymerase II Transcription during C. elegans Embryogenesis. Molecular Cell, 2000, 6, 705-713.	9.7	109
13	Gene silencing in Caenorhabditis elegans by transitive RNA interference. Rna, 2003, 9, 25-32.	3.5	108
14	The C. elegans pharynx: a model for organogenesis. WormBook, 2007, , 1-26.	5.3	98
15	The Polycomb Complex Protein mes-2/E(z) Promotes the Transition from Developmental Plasticity to Differentiation in C. elegans Embryos. Developmental Cell, 2009, 16, 699-710.	7.0	90
16	Early Morphogenesis of the Caenorhabditis elegans Pharynx. Developmental Biology, 2001, 233, 482-494.	2.0	84
17	Whole-Genome Analysis of Temporal Gene Expression during Foregut Development. PLoS Biology, 2004, 2, e352.	5.6	82
18	Probing and manipulating embryogenesis via nanoscale thermometry and temperature control. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14636-14641.	7.1	77

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19	Locking the genome: nuclear organization and cell fate. Current Opinion in Genetics and Development, 2011, 21, 167-174.	3.3	68
20	Carboxy-terminal truncation activates glp-1 protein to specify vulval fates in Caenorhabditis elegans. Nature, 1991, 352, 811-815.	27.8	65
21	Recruitment of RNA polymerase II by the pioneer transcription factor PHA-4. Science, 2015, 348, 1372-1376.	12.6	65
22	Stop making nonSense: the C. elegans smg genes. Trends in Genetics, 2001, 17, 646-653.	6.7	64
23	Patterning the C. elegans embryo: moving beyond the cell lineage. Trends in Genetics, 1999, 15, 307-313.	6.7	61
24	The C. elegans Tousled-like Kinase Contributes to Chromosome Segregation as a Substrate and Regulator of the Aurora B Kinase. Current Biology, 2005, 15, 894-904.	3.9	61
25	Temporal Regulation of Foregut Development by HTZ-1/H2A.Z and PHA-4/FoxA. PLoS Genetics, 2006, 2, e161.	3.5	57
26	The Molecular Basis of Organ Formation: Insights From theC. elegansForegut. Annual Review of Cell and Developmental Biology, 2009, 25, 597-628.	9.4	56
27	Regulated nuclear accumulation of a histone methyltransferase times the onset of heterochromatin formation in C. elegans embryos. Science Advances, 2018, 4, eaat6224.	10.3	55
28	ZEN-4/MKLP1 Is Required to Polarize the Foregut Epithelium. Current Biology, 2004, 14, 932-941.	3.9	54
29	Dynamic Chromatin Organization during Foregut Development Mediated by the Organ Selector Gene PHA-4/FoxA. PLoS Genetics, 2010, 6, e1001060.	3.5	54
30	The C. elegans Tousled-like Kinase (TLK-1) Has an Essential Role in Transcription. Current Biology, 2003, 13, 1921-1929.	3.9	53
31	The coordinate regulation of pharyngeal development in C. elegans by lin-35/Rb, pha-1, and ubc-18. Developmental Biology, 2004, 271, 11-25.	2.0	43
32	Lamina-Dependent Stretching and Unconventional Chromosome Compartments in Early C.Âelegans Embryos. Molecular Cell, 2020, 78, 96-111.e6.	9.7	43
33	PHA-4/FoxA cooperates with TAM-1/TRIM to regulate cell fate restriction in the C. elegans foregut. Developmental Biology, 2007, 303, 611-624.	2.0	38
34	Role of T-box gene tbx-2 for anterior foregut muscle development in C. elegans. Developmental Biology, 2007, 302, 25-39.	2.0	36
35	cis-Acting Determinants of c-myc mRNA Stability. Enzyme, 1990, 44, 167-180.	0.7	22
36	PAR-6, but not E-cadherin and Î²-integrin, is necessary for epithelial polarization in C. elegans. Developmental Biology, 2015, 403, 5-14.	2.0	20

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37	Contribution of the amino and carboxyl termini for PHA-4/FoxA function inCaenorhabditis elegans. Developmental Dynamics, 2005, 234, 346-354.	1.8	16
38	Genetic Suppressors ofCaenorhabditis elegans pha-4/FoxAIdentify the Predicted AAA Helicaseruvb-1/RuvB. Genetics, 2007, 177, 819-833.	2.9	16
39	Temporal regulation of epithelium formation mediated by FoxA, MKLP1, MgcRacGAP, and PAR-6. Molecular Biology of the Cell, 2017, 28, 2042-2065.	2.1	16
40	Distinct functions and temporal regulation of methylated histone H3 during early embryogenesis. Development (Cambridge), 2019, 146, .	2.5	13
41	Hunting for Darwin's gemmules and Lamarck's fluid: Transgenerational signaling and histone methylation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 1440-1453.	1.9	12
42	Genetic Characterization of smg-8 Mutants Reveals No Role in C. elegans Nonsense Mediated Decay. PLoS ONE, 2012, 7, e49490.	2.5	10
43	Generations of longevity. Nature, 2011, 479, 302-303.	27.8	9
44	A green light to expression in time and space. Nature Biotechnology, 2007, 25, 645-646.	17.5	7
45	Multiplexed Sequential DNA FISH in Caenorhabditis elegans Embryos. STAR Protocols, 2020, 1, 100107.	1.2	5
46	Translation-dependent mRNA localization to Caenorhabditis elegans adherens junctions. Development (Cambridge), 2021, 148, .	2.5	4
47	Wormnet: a crystal ball for Caenorhabditis elegans. Genome Biology, 2008, 9, 226.	9.6	3
48	Neuronal control of maternal provisioning in response to social cues. Science Advances, 2021, 7, .	10.3	2
49	Chromosome organization in 4D: insights from C. elegans development. Current Opinion in Genetics and Development, 2022, 75, 101939.	3.3	2