Morris F Maduro

List of Publications by Year
in descending order

33 papers	1,604 citations	279487 23 h-index	414034 32 g-index
104 all docs	104 docs citations	104 times ranked	1014 citing authors

#	Article	IF	Citations
1	Restriction of Mesendoderm to a Single Blastomere by the Combined Action of SKN-1 and a GSK-3Î² Homolog Is Mediated by MED-1 and -2 in C. elegans. Molecular Cell, 2001, 7, 475-485.	4.5	174
2	Making Worm Guts: The Gene Regulatory Network of the Caenorhabditis elegans Endoderm. Developmental Biology, 2002, 246, 68-85.	0.9	172
3	Genetic redundancy in endoderm specification within the genus Caenorhabditis. Developmental Biology, 2005, 284, 509-522.	0.9	101
4	Dynamics of a Developmental Switch: Recursive Intracellular and Intranuclear Redistribution of Caenorhabditis elegans POP-1 Parallels Wnt-Inhibited Transcriptional Repression. Developmental Biology, 2002, 248, 128-142.	0.9	95
5	The Wnt effector POP-1 and the PAL-1/Caudal homeoprotein collaborate with SKN-1 to activate C. elegans endoderm development. Developmental Biology, 2005, 285, 510-523.	0.9	92
6	Conservation of function and expression of unc-119 from two Caenorhabditis species despite divergence of non-coding DNA. Gene, 1996, 183, 77-85.	1.0	70
7	Endoderm development in Caenorhabditis elegans: The synergistic action of ELT-2 and -7 mediates the specificationâ†'differentiation transition. Developmental Biology, 2010, 347, 154-166.	0.9	68
8	Roles of the Wnt effector POP-1/TCF in the C. elegans endomesoderm specification gene network. Developmental Biology, 2010, 340, 209-221.	0.9	60
9	The Noncanonical Binding Site of the MED-1 GATA Factor Defines Differentially Regulated Target Genes in the C. elegans Mesendoderm. Developmental Cell, 2005, 8, 427-433.	3.1	57
10	Maternal deployment of the embryonic SKN-1â†'MED-1,2 cell specification pathway in C. elegans. Developmental Biology, 2007, 301, 590-601.	0.9	57
11	The NK-2 class homeodomain factor CEH-51 and the T-box factor TBX-35 have overlapping function inC. elegansmesoderm development. Development (Cambridge), 2009, 136, 2735-2746.	1.2	54
12	Specification of the C. elegans MS blastomere by the T-box factor TBX-35. Development (Cambridge), 2006, 133, 3097-3106.	1.2	51
13	Knockdown of SKN-1 and the Wnt effector TCF/POP-1 reveals differences in endomesoderm specification in C. briggsae as compared with C. elegans. Developmental Biology, 2009, 325, 296-306.	0.9	45
14	Endomesoderm specification inCaenorhabditis elegans and other nematodes. BioEssays, 2006, 28, 1010-1022.	1.2	44
15	Gut development in C. elegans. Seminars in Cell and Developmental Biology, 2017, 66, 3-11.	2.3	44
16	Cell fate specification in the C. elegans embryo. Developmental Dynamics, 2010, 239, 1315-1329.	0.8	42
17	Structure and evolution of the C. elegans embryonic endomesoderm network. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 250-260.	0.9	41
18	The C. elegans intestine: organogenesis, digestion, and physiology. Cell and Tissue Research, 2019, 377, 383-396.	1.5	41

#	Article	IF	Citations
19	The Unc-119 Family of Neural Proteins is Functionally Conserved Between Humans,DrosophilaandC. Elegans. Journal of Neurogenetics, 2000, 13, 191-212.	0.6	40
20	MED GATA factors promote robust development of the C. elegans endoderm. Developmental Biology, 2015, 404, 66-79.	0.9	35
21	Med-type GATA factors and the evolution of mesendoderm specification in nematodes. Developmental Biology, 2006, 289, 444-455.	0.9	32
22	Caenorhabditis elegans RIG-I Homolog Mediates Antiviral RNA Interference Downstream of Dicer-Dependent Biogenesis of Viral Small Interfering RNAs. MBio, 2017, 8, .	1.8	31
23	Cell fates and fusion in the C. elegans vulval primordium are regulated by the EGL-18 and ELT-6 GATA factors -- apparent direct targets of the LIN-39 Hox protein. Development (Cambridge), 2002, 129, 5171-80.	1.2	27
24	Structural Analysis of MED-1 Reveals Unexpected Diversity in the Mechanism of DNA Recognition by GATA-type Zinc Finger Domains. Journal of Biological Chemistry, 2009, 284, 5827-5835.	1.6	22
25	Partially compromised specification causes stochastic effects on gut development in C. elegans. Developmental Biology, 2017, 427, 49-60.	0.9	21
26	Developmental robustness in the Caenorhabditis elegans embryo. Molecular Reproduction and Development, 2015, 82, 918-931.	1.0	20
27	Transgenesis in C. elegans. Methods in Cell Biology, 2011, 106, 159-185.	0.5	16
28	Evolutionary Dynamics of the SKN-1 â†' MED â†' END-1,3 Regulatory Gene Cascade inCaenorhabditisEndoderm Specification. G3: Genes, Genomes, Genetics, 2020, 10, 333-356.	0.8	14
29	20 Years ofunc-119as a transgene marker. Worm, 2015, 4, e1046031.	1.0	12
30	In situ Hybridization of Embryos with Antisense RNA Probes. Methods in Cell Biology, 2011, 106, 253-270.	0.5	11
31	Evolution of Developmental GATA Factors in Nematodes. Journal of Developmental Biology, 2020, 8, 27.	0.9	8
32	Feedforward regulatory logic controls the specification-to-differentiation transition and terminal cell fate during Caenorhabditis elegans endoderm development. Development (Cambridge), 2022, 149, .	1.2	5
33	Genetic interaction between <scp>DNA</scp> replication and the Notch signaling pathway. FEBS Journal, 2018, 285, 2586-2589.	2.2	0