Morris F Maduro

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	1,244 citations	22 h-index	35 g-index
104 ext. papers	1,468 ext. citations	4.4 avg, IF	4.62 L-index

#	Paper	IF	Citations
33	Evolutionary Dynamics of the SKN-1 -> MED -> END-1,3 Regulatory Gene Cascade in Endoderm Specification. *G3: Genes, Genomes, Genetics*, **2020**, 10, 333-356	3.2	2
32	Evolution of Developmental GATA Factors in Nematodes. *Journal of Developmental Biology*, **2020**, 8,	3.5	1
31	The C. elegans intestine: organogenesis, digestion, and physiology. *Cell and Tissue Research*, **2019**, 377, 383-396	4.2	19
30	Genetic interaction between DNA replication and the Notch signaling pathway. *FEBS Journal*, **2018**, 285, 2586-2589	5.7	
29	Gut development in C. elegans. *Seminars in Cell and Developmental Biology*, **2017**, 66, 3-11	7.5	27
28	Partially compromised specification causes stochastic effects on gut development in C. elegans. *Developmental Biology*, **2017**, 427, 49-60	3.1	6
27	RIG-I Homolog Mediates Antiviral RNA Interference Downstream of Dicer-Dependent Biogenesis of Viral Small Interfering RNAs. *MBio*, **2017**, 8,	7.8	25
26	MED GATA factors promote robust development of the C. elegans endoderm. *Developmental Biology*, **2015**, 404, 66-79	3.1	23
25	Developmental robustness in the Caenorhabditis elegans embryo. *Molecular Reproduction and Development*, **2015**, 82, 918-31	2.6	13
24	20 Years of unc-119 as a transgene marker. *Worm*, **2015**, 4, e1046031		6
23	In Situ Hybridization Methods for RNA Visualization in C. elegans. *Neuromethods*, **2015**, 29-44	0.4	
22	In situ hybridization of embryos with antisense RNA probes. *Methods in Cell Biology*, **2011**, 106, 253-70	1.8	8
21	Transgenesis in C. elegans. *Methods in Cell Biology*, **2011**, 106, 161-85	1.8	10
20	Roles of the Wnt effector POP-1/TCF in the C. elegans endomesoderm specification gene network. *Developmental Biology*, **2010**, 340, 209-21	3.1	45
19	Endoderm development in Caenorhabditis elegans: the synergistic action of ELT-2 and -7 mediates the specification->differentiation transition. *Developmental Biology*, **2010**, 347, 154-66	3.1	45
18	Cell fate specification in the C. elegans embryo. *Developmental Dynamics*, **2010**, 239, 1315-29	2.9	34
17	The NK-2 class homeodomain factor CEH-51 and the T-box factor TBX-35 have overlapping function in C. elegans mesoderm development. *Development (Cambridge)*, **2009**, 136, 2735-46	6.6	39

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16	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, 5827-35	5.4	15
15	Structure and evolution of the C. elegans embryonic endomesoderm network. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2009**, 1789, 250-60	6	36
14	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	3.1	39
13	Maternal deployment of the embryonic SKN-1-->MED-1,2 cell specification pathway in C. elegans. *Developmental Biology*, **2007**, 301, 590-601	3.1	43
12	Endomesoderm specification in Caenorhabditis elegans and other nematodes. *BioEssays*, **2006**, 28, 1010-22	4.2	43
11	Specification of the C. elegans MS blastomere by the T-box factor TBX-35. *Development (Cambridge)*, **2006**, 133, 3097-106	6.6	40
10	Med-type GATA factors and the evolution of mesendoderm specification in nematodes. *Developmental Biology*, **2006**, 289, 444-55	3.1	26
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, 427-33	10.2	43
8	Genetic redundancy in endoderm specification within the genus Caenorhabditis. *Developmental Biology*, **2005**, 284, 509-22	3.1	81
7	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, 510-23	3.1	73
6	Making worm guts: the gene regulatory network of the Caenorhabditis elegans endoderm. *Developmental Biology*, **2002**, 246, 68-85	3.1	150
5	Dynamics of a developmental switch: recursive intracellular and intranuclear redistribution of Caenorhabditis elegans POP-1 parallels Wnt-inhibited transcriptional repression. *Developmental Biology*, **2002**, 248, 128-42	3.1	79
4	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	6.6	27
3	Restriction of mesendoderm to a single blastomere by the combined action of SKN-1 and a GSK-3beta homolog is mediated by MED-1 and -2 in C. elegans. *Molecular Cell*, **2001**, 7, 475-85	17.6	151
2	The UNC-119 family of neural proteins is functionally conserved between humans, Drosophila and C. elegans. *Journal of Neurogenetics*, **2000**, 13, 191-212	1.6	35
1	Conservation of function and expression of unc-119 from two Caenorhabditis species despite divergence of non-coding DNA. *Gene*, **1996**, 183, 77-85	3.8	60