

Jeremy Nance

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,266
citations

394286

19
h-index

552653

26
g-index

31
all docs

31
docs citations

31
times ranked

1784
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Flows Powered by Asymmetrical Contraction Transport PAR Proteins to Establish and Maintain Anterior-Posterior Polarity in the Early <i>C. elegans</i> Embryo. <i>Developmental Cell</i> , 2004, 7, 413-424.	3.1	641
2	<i>C. elegans</i> PAR-3 and PAR-6 are required for apicobasal asymmetries associated with cell adhesion and gastrulation. <i>Development (Cambridge)</i> , 2003, 130, 5339-5350.	1.2	185
3	Elaborating polarity: PAR proteins and the cytoskeleton. <i>Development (Cambridge)</i> , 2011, 138, 799-809.	1.2	144
4	Repurposing an endogenous degradation system for rapid and targeted depletion of <i>C. elegans</i> proteins. <i>Development (Cambridge)</i> , 2014, 141, 4640-4647.	1.2	122
5	The <i>Caenorhabditis elegans</i> Transgenic Toolbox. <i>Genetics</i> , 2019, 212, 959-990.	1.2	118
6	Polarization of the <i>C. elegans</i> Embryo by RhoGAP-Mediated Exclusion of PAR-6 from Cell Contacts. <i>Science</i> , 2008, 320, 1771-1774.	6.0	115
7	Cell polarity and gastrulation in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2002, 129, 387-397.	1.2	110
8	PAR-3 mediates the initial clustering and apical localization of junction and polarity proteins during <i>C. elegans</i> intestinal epithelial cell polarization. <i>Development (Cambridge)</i> , 2010, 137, 1833-1842.	1.2	107
9	PAR-6 is required for junction formation but not apicobasal polarization in <i>C. elegans</i> embryonic epithelial cells. <i>Development (Cambridge)</i> , 2007, 134, 1259-1268.	1.2	90
10	An instructive role for <i>C. elegans</i> E-cadherin in translating cell contact cues into cortical polarity. <i>Nature Cell Biology</i> , 2015, 17, 726-735.	4.6	67
11	Getting to know your neighbor: Cell polarization in early embryos. <i>Journal of Cell Biology</i> , 2014, 206, 823-832.	2.3	66
12	Developmentally programmed germ cell remodelling by endodermal cell cannibalism. <i>Nature Cell Biology</i> , 2016, 18, 1302-1310.	4.6	56
13	Cell polarity and gastrulation in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2002, 129, 387-97.	1.2	54
14	Polarized exocyst-mediated vesicle fusion directs intracellular lumenogenesis within the <i>C. elegans</i> excretory cell. <i>Developmental Biology</i> , 2014, 394, 110-121.	0.9	53
15	Mechanisms of CDC-42 activation during contact-induced cell polarization. <i>Journal of Cell Science</i> , 2013, 126, 1692-702.	1.2	52
16	Cdc42 regulates junctional actin but not cell polarization in the <i>Caenorhabditis elegans</i> epidermis. <i>Journal of Cell Biology</i> , 2017, 216, 3729-3744.	2.3	49
17	An E-cadherin-mediated hitchhiking mechanism for <i>C. elegans</i> germ cell internalization during gastrulation. <i>Development (Cambridge)</i> , 2012, 139, 2547-2556.	1.2	46
18	Gastrulation in <i>C. elegans</i> . <i>WormBook</i> , 2005, , 1-13.	5.3	33

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19	Adherens Junctions in <i>C. elegans</i> Embryonic Morphogenesis. <i>Sub-Cellular Biochemistry</i> , 2012, 60, 279-299.	1.0	32
20	A combined binary interaction and phenotypic map of <i>C. elegans</i> cell polarity proteins. <i>Nature Cell Biology</i> , 2016, 18, 337-346.	4.6	25
21	<i>Caenorhabditis elegans</i> Gastrulation: A Model for Understanding How Cells Polarize, Change Shape, and Journey Toward the Center of an Embryo. <i>Genetics</i> , 2020, 214, 265-277.	1.2	23
22	A novel germ cell determinant reveals parallel pathways for germ line development in <i>Caenorhabditis elegans</i> . <i>Development (Cambridge)</i> , 2015, 142, 3571-82.	1.2	22
23	A polarity pathway for exocyst-dependent intracellular tube extension. <i>ELife</i> , 2021, 10, .	2.8	20
24	The Role of <i>pkc-3</i> and Genetic Suppressors in <i>Caenorhabditis elegans</i> Epithelial Cell Junction Formation. <i>Genetics</i> , 2020, 214, 941-959.	1.2	12
25	An interphase contractile ring reshapes primordial germ cells to allow bulk cytoplasmic remodeling. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	11
26	Niche Cell Wrapping Ensures Primordial Germ Cell Quiescence and Protection from Intercellular Cannibalism. <i>Current Biology</i> , 2020, 30, 708-714.e4.	1.8	10
27	Stimulating Embryo Polarization with Mitochondrial Peroxide. <i>Developmental Cell</i> , 2020, 53, 261-262.	3.1	0