

Mike Boxem

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

7,407
citations

236925

25
h-index

197818

49
g-index

62
all docs

62
docs citations

62
times ranked

9600
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a proteome-scale map of the human protein-protein interaction network. <i>Nature</i> , 2005, 437, 1173-1178.	27.8	2,676
2	A Map of the Interactome Network of the Metazoan <i>C. elegans</i> . <i>Science</i> , 2004, 303, 540-543.	12.6	1,587
3	Independently Evolved Virulence Effectors Converge onto Hubs in a Plant Immune System Network. <i>Science</i> , 2011, 333, 596-601.	12.6	776
4	Empirically controlled mapping of the <i>Caenorhabditis elegans</i> protein-protein interactome network. <i>Nature Methods</i> , 2009, 6, 47-54.	19.0	260
5	A Protein Domain-Based Interactome Network for <i>C. elegans</i> Early Embryogenesis. <i>Cell</i> , 2008, 134, 534-545.	28.9	196
6	A First Version of the <i>Caenorhabditis elegans</i> Promoterome. <i>Genome Research</i> , 2004, 14, 2169-2175.	5.5	155
7	CRISPR/Cas9-Targeted Mutagenesis in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2013, 195, 1187-1191.	2.9	153
8	Systematic Interactome Mapping and Genetic Perturbation Analysis of a <i>C. elegans</i> TGF- β Signaling Network. <i>Molecular Cell</i> , 2004, 13, 469-482.	9.7	136
9	Increasing specificity in high-throughput yeast two-hybrid experiments. <i>Methods</i> , 2004, 32, 363-370.	3.8	135
10	NuMA-related LIN-5, ASPM-1, calmodulin and dynein promote meiotic spindle rotation independently of cortical LIN-5/GPR/G β . <i>Nature Cell Biology</i> , 2009, 11, 269-277.	10.3	113
11	OSM-11 Facilitates LIN-12 Notch Signaling during <i>Caenorhabditis elegans</i> Vulval Development. <i>PLoS Biology</i> , 2008, 6, e196.	5.6	105
12	<i>lin-35</i> Rb and <i>cki-1</i> Cip/Kip cooperate in developmental regulation of G1 progression in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2001, 128, 4349-4359.	2.5	99
13	<i>C. elegans</i> Class B Synthetic Multivulva Genes Act in G1 Regulation. <i>Current Biology</i> , 2002, 12, 906-911.	3.9	94
14	'Edgetic' perturbation of a <i>C. elegans</i> BCL2 ortholog. <i>Nature Methods</i> , 2009, 6, 843-849.	19.0	71
15	aPKC phosphorylates NuMA-related LIN-5 to position the mitotic spindle during asymmetric division. <i>Nature Cell Biology</i> , 2011, 13, 1132-1138.	10.3	66
16	Rb and FZR1/Cdh1 determine CDK4/6-cyclin D requirement in <i>C. elegans</i> and human cancer cells. <i>Nature Communications</i> , 2015, 6, 5906.	12.8	62
17	Engineering the <i>Caenorhabditis elegans</i> genome with CRISPR/Cas9. <i>Methods</i> , 2014, 68, 381-388.	3.8	49
18	New insights into apical-basal polarization in epithelia. <i>Current Opinion in Cell Biology</i> , 2020, 62, 1-8.	5.4	46

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19	Axon injury triggers EFA-6 mediated destabilization of axonal microtubules via TACC and doublecortin like kinase. <i>ELife</i> , 2015, 4, .	6.0	45
20	The EBAX-type Cullin-RING E3 Ligase and Hsp90 Guard the Protein Quality of the SAX-3/Robo Receptor in Developing Neurons. <i>Neuron</i> , 2013, 79, 903-916.	8.1	44
21	A tissue-specific protein purification approach in <i>Caenorhabditis elegans</i> identifies novel interaction partners of DLG-1/Discs large. <i>BMC Biology</i> , 2016, 14, 66.	3.8	40
22	Controlled sumoylation of the mevalonate pathway enzyme HMGS-1 regulates metabolism during aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3880-9.	7.1	39
23	PID-1 is a novel factor that operates during 21U-RNA biogenesis in <i>Caenorhabditis elegans</i> . <i>Genes and Development</i> , 2014, 28, 683-688.	5.9	37
24	<i>Caenorhabditis elegans</i> Cyclin D/CDK4 and Cyclin E/CDK2 Induce Distinct Cell Cycle Re-Entry Programs in Differentiated Muscle Cells. <i>PLoS Genetics</i> , 2011, 7, e1002362.	3.5	33
25	Split Intein-Mediated Protein Ligation for detecting protein-protein interactions and their inhibition. <i>Nature Communications</i> , 2020, 11, 2440.	12.8	33
26	Characterization of a periplasmic protein involved in iron utilization of <i>Actinobacillus actinomycescomitans</i> . <i>Journal of Bacteriology</i> , 1997, 179, 4949-4952.	2.2	32
27	JMJD-5/KDM8 regulates H3K36me2 and is required for late steps of homologous recombination and genome integrity. <i>PLoS Genetics</i> , 2017, 13, e1006632.	3.5	29
28	C-terminal phosphorylation modulates ERM-1 localization and dynamics to control cortical actin organization and support lumen formation during <i>C. elegans</i> development. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	27
29	The <i>C. elegans</i> methionine aminopeptidase 2 analog map-2 is required for germ cell proliferation. <i>FEBS Letters</i> , 2004, 576, 245-250.	2.8	26
30	Epidermal PAR-6 and PKC-3 are essential for larval development of <i>C. elegans</i> and organize non-centrosomal microtubules. <i>ELife</i> , 2020, 9, .	6.0	26
31	A combined binary interaction and phenotypic map of <i>C. elegans</i> cell polarity proteins. <i>Nature Cell Biology</i> , 2016, 18, 337-346.	10.3	25
32	Cyclin-dependent kinases in <i>C. elegans</i> . <i>Cell Division</i> , 2006, 1, 6.	2.4	23
33	The <i>C. elegans</i> Crumbs family contains a CRB3 homolog and is not essential for viability. <i>Biology Open</i> , 2015, 4, 276-284.	1.2	20
34	Multisite Phosphorylation of NuMA-Related LIN-5 Controls Mitotic Spindle Positioning in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2016, 12, e1006291.	3.5	16
35	Identification of Human Protein Interaction Domains using an ORFeome-based Yeast Two-hybrid Fragment Library. <i>Journal of Proteome Research</i> , 2013, 12, 3181-3192.	3.7	14
36	F-actin asymmetry and the endoplasmic reticulum-associated TCC-1 protein contribute to stereotypic spindle movements in the <i>Caenorhabditis elegans</i> embryo. <i>Molecular Biology of the Cell</i> , 2013, 24, 2201-2215.	2.1	14

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37	Genetic and cellular sensitivity of <i>Caenorhabditis elegans</i> to the chemotherapeutic agent cisplatin. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	13
38	Protein interactome mapping in <i>Caenorhabditis elegans</i> . <i>Current Opinion in Systems Biology</i> , 2019, 13, 1-9.	2.6	13
39	BBLN-1 is essential for intermediate filament organization and apical membrane morphology. <i>Current Biology</i> , 2021, 31, 2334-2346.e9.	3.9	13
40	Mapping the Polarity Interactome. <i>Journal of Molecular Biology</i> , 2018, 430, 3521-3544.	4.2	12
41	Host interactors of effector proteins of the lettuce downy mildew <i>Bremia lactucae</i> obtained by yeast two-hybrid screening. <i>PLoS ONE</i> , 2020, 15, e0226540.	2.5	10
42	Distinct Requirements for CD1d Intracellular Transport for Development of V α 14 iNKT Cells. <i>Journal of Immunology</i> , 2009, 183, 1780-1788.	0.8	9
43	<i>Caenorhabditis elegans</i> LET-413 Scribble is essential in the epidermis for growth, viability, and directional outgrowth of epithelial seam cells. <i>PLoS Genetics</i> , 2021, 17, e1009856.	3.5	7
44	Functional Dissection of <i>C. elegans</i> bZip-Protein CEBP-1 Reveals Novel Structural Motifs Required for Axon Regeneration and Nuclear Import. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 348.	3.7	6
45	A Protein Domain-Based Interactome Network for <i>C.Âelegans</i> Early Embryogenesis. <i>Cell</i> , 2012, 151, 1633.	28.9	4
46	Cell Polarity: Getting the PARty Started. <i>Current Biology</i> , 2019, 29, R637-R639.	3.9	4
47	CeLINC, a fluorescence-based proteinâ€“protein interaction assay in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2021, 219, .	2.9	4
48	ERM-1 Phosphorylation and NRFL-1 Redundantly Control Lumen Formation in the <i>C. elegans</i> Intestine. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 769862.	3.7	4
49	Identification and characterization of Crumbs polarity complex proteins in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2022, 298, 101786.	3.4	2