Takashi Nishimura

List of Publications by Year
in descending order

32	3,691	361413 20	477307 29
papers	citations	h-index	g-index

36	36	36	4059
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CRMP-2 binds to tubulin heterodimers to promote microtubule assembly. Nature Cell Biology, 2002, 4, 583-591.	10.3	687
2	CRMP-2 induces axons in cultured hippocampal neurons. Nature Neuroscience, 2001, 4, 781-782.	14.8	506
3	PAR-6â€“PAR-3 mediates Cdc42-induced Rac activation through the Rac GEFs STEF/Tiam1. Nature Cell Biology, 2005, 7, 270-277.	10.3	335
4	Linking Cell Cycle to Asymmetric Division: Aurora-A Phosphorylates the Par Complex to Regulate Numb Localization. Cell, 2008, 135, 161-173.	28.9	331
5	Numb Controls Integrin Endocytosis for Directional Cell Migration with aPKC and PAR-3. Developmental Cell, 2007, 13, 15-28.	7.0	300
6	Role of the PAR-3â€“KIF3 complex in the establishment of neuronal polarity. Nature Cell Biology, 2004, 6, 328-334.	10.3	255
7	CRMP-2 regulates polarized Numb-mediated endocytosis for axon growth. Nature Cell Biology, 2003, 5, 819-826.	10.3	227
8	Rho-Kinase Phosphorylates PAR-3 and Disrupts PAR Complex Formation. Developmental Cell, 2008, 14, 205-215.	7.0	137
9	A secreted decoy of InR antagonizes insulin/IGF signaling to restrict body growth in Drosophila. Genes and Development, 2013, 27, 87-97.	5.9	108
10	Flies without Trehalose. Journal of Biological Chemistry, 2015, 290, 1244-1255.	3.4	103
11	Role of Numb in Dendritic Spine Development with a Cdc42 GEF Intersectin and EphB2. Molecular Biology of the Cell, 2006, 17, 1273-1285.	2.1	99
12	Signaling from Glia and Cholinergic Neurons Controls Nutrient-Dependent Production of an Insulin-like Peptide for Drosophila Body Growth. Developmental Cell, 2015, 35, 295-310.	7.0	94
13	Fat body glycogen serves as a metabolic safeguard for the maintenance of sugar levels in Drosophila. Development (Cambridge), 2018, 145, .	2.5	74
14	Molecular characterization of Tps1 and Treh genes in Drosophila and their role in body water homeostasis. Scientific Reports, 2016, 6, 30582.	3.3	49
15	Adaptation to dietary conditions by trehalose metabolism in Drosophila. Scientific Reports, 2017, 7, 1619.	3.3	46
16	Conserved role for the Dachshund protein with Drosophila Pax6 homolog Eyeless in insulin expression. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2406-2411.	7.1	39
17	The Corazonin-PTTH Neuronal Axis Controls Systemic Body Growth by Regulating Basal Ecdysteroid Biosynthesis in Drosophila melanogaster. Current Biology, 2020, 30, 2156-2165.e5.	3.9	38
18	Role of glycogen in development and adult fitness in Drosophila. Development (Cambridge), 2019, 146, .	2.5	35

#	Article	IF	Citations
19	Feedforward Regulation of Glucose Metabolism by Steroid Hormones Drives a Developmental Transition in Drosophila. Current Biology, 2020, 30, 3624-3632.e5.	3.9	30
20	white regulates proliferative homeostasis of intestinal stem cells during ageing in Drosophila. Nature Metabolism, 2021, 3, 546-557.	11.9	29
21	Apical polarity proteins recruit the RhoGEF Cysts to promote junctional myosin assembly. Journal of Cell Biology, 2019, 218, 3397-3414.	5.2	28
22	Rho-kinase modulates the function of STEF, a Rac GEF, through its phosphorylation. Biochemical and Biophysical Research Communications, 2007, 355, 788-794.	2.1	24
23	Trehalose metabolism confers developmental robustness and stability in Drosophila by regulating glucose homeostasis. Communications Biology, 2020, 3, 170.	4.4	22
24	Identification of focal adhesion kinase (FAK) and phosphatidylinositol 3â€kinase (PI3â€kinase) as Par3 partners by proteomic analysis. Cytoskeleton, 2010, 67, 297-308.	2.0	20
25	A developmental checkpoint directs metabolic remodelling as a strategy against starvation in Drosophila. Nature Metabolism, 2020, 2, 1096-1112.	11.9	19
26	Optimal Scaling of Critical Size for Metamorphosis in the Genus Drosophila. IScience, 2019, 20, 348-358.	4.1	18
27	Temporal regulation of the generation of neuronal diversity in <scp>D</scp>rosophila. Development Growth and Differentiation, 2016, 58, 73-87.	1.5	17
28	Erebosis, a new cell death mechanism during homeostatic turnover of gut enterocytes. PLoS Biology, 2022, 20, e3001586.	5.6	12
29	The polyol pathway is an evolutionarily conserved system for sensing glucose uptake. PLoS Biology, 2022, 20, e3001678.	5.6	7
30	CRMP-2 binds to tubulin heterodimers to promote microtubule assembly. , 0, .		1
31	Sima , a Drosophila homolog of HIFâ€1Î± , in fat body tissue inhibits larval body growth by inducing Tribbles gene expression. Genes To Cells, 2022, 27, 145-151.	1.2	1
32	Time in Development. Development Growth and Differentiation, 2016, 58, 3-5.	1.5	0