

Tatsushi Igaki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/401937/publications.pdf>

Version: 2024-02-01

46
papers

3,163
citations

236912

25
h-index

254170

43
g-index

48
all docs

48
docs citations

48
times ranked

2509
citing authors

#	ARTICLE	IF	CITATIONS
1	Eiger, a TNF superfamily ligand that triggers the Drosophila JNK pathway. EMBO Journal, 2002, 21, 3009-3018.	7.8	406
2	Loss of Cell Polarity Drives Tumor Growth and Invasion through JNK Activation in Drosophila. Current Biology, 2006, 16, 1139-1146.	3.9	332
3	Intrinsic Tumor Suppression and Epithelial Maintenance by Endocytic Activation of Eiger/TNF Signaling in Drosophila. Developmental Cell, 2009, 16, 458-465.	7.0	252
4	Basement membrane remodeling is essential for Drosophila disc eversion and tumor invasion. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2721-2726.	7.1	184
5	Elimination of Oncogenic Neighbors by JNK-Mediated Engulfment in Drosophila. Developmental Cell, 2011, 20, 315-328.	7.0	181
6	Wengen, a Member of the Drosophila Tumor Necrosis Factor Receptor Superfamily, Is Required for Eiger Signaling. Journal of Biological Chemistry, 2002, 277, 28372-28375.	3.4	168
7	Mitochondrial defect drives non-autonomous tumour progression through Hippo signalling in Drosophila. Nature, 2012, 490, 547-551.	27.8	168
8	Correcting developmental errors by apoptosis: lessons from Drosophila JNK signaling. Apoptosis: an International Journal on Programmed Cell Death, 2009, 14, 1021-1028.	4.9	132
9	The ligand Sas and its receptor PTP10D drive tumour-suppressive cell competition. Nature, 2017, 542, 246-250.	27.8	117
10	Tumor Suppressor CYLD Regulates JNK-Induced Cell Death in Drosophila. Developmental Cell, 2007, 13, 446-454.	7.0	102
11	Cell Extrusion: A Stress-Responsive Force for Good or Evil in Epithelial Homeostasis. Developmental Cell, 2018, 44, 284-296.	7.0	88
12	Slit-Robo Repulsive Signaling Extrudes Tumorigenic Cells from Epithelia. Developmental Cell, 2016, 39, 683-695.	7.0	79
13	The Drosophila TNF ortholog Eiger: Emerging physiological roles and evolution of the TNF system. Seminars in Immunology, 2014, 26, 267-274.	5.6	77
14	Src controls tumorigenesis via JNK-dependent regulation of the Hippo pathway in <i>Drosophila</i> . EMBO Reports, 2013, 14, 65-72.	4.5	71
15	Mitochondrial defects trigger proliferation of neighbouring cells via a senescence-associated secretory phenotype in Drosophila. Nature Communications, 2014, 5, 5264.	12.8	64
16	Cell Competition Is Driven by Autophagy. Developmental Cell, 2019, 51, 99-112.e4.	7.0	63
17	JNK signaling is converted from anti- to pro-tumor pathway by Ras-mediated switch of Warts activity. Developmental Biology, 2015, 403, 162-171.	2.0	58
18	Cell competition: Emerging mechanisms to eliminate neighbors. Development Growth and Differentiation, 2018, 60, 522-530.	1.5	57

#	ARTICLE	IF	CITATIONS
19	Competition for Space Is Controlled by Apoptosis-Induced Change of Local Epithelial Topology. <i>Current Biology</i> , 2018, 28, 2115-2128.e5.	3.9	50
20	Hyperinsulinemia Drives Epithelial Tumorigenesis by Abrogating Cell Competition. <i>Developmental Cell</i> , 2020, 53, 379-389.e5.	7.0	47
21	Conserved metabolic energy production pathways govern Eiger/TNF-induced nonapoptotic cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18977-18982.	7.1	46
22	Deciphering tumor-suppressor signaling in flies: Genetic link between Scribble/Dlg/Lgl and the Hippo pathways. <i>Journal of Genetics and Genomics</i> , 2011, 38, 461-470.	3.9	44
23	<i>Drosophila</i> As a Cancer Model. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1076, 173-194.	1.6	44
24	Serpin Facilitates Tumor-Suppressive Cell Competition by Blocking Toll-Mediated Yki Activation in <i>Drosophila</i> . <i>Current Biology</i> , 2018, 28, 1756-1767.e6.	3.9	42
25	Evolution of mitochondrial cell death pathway: Proapoptotic role of HtrA2/Omi in <i>Drosophila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 993-997.	2.1	39
26	Non-autonomous overgrowth by oncogenic niche cells: Cellular cooperation and competition in tumorigenesis. <i>Cancer Science</i> , 2015, 106, 1651-1658.	3.9	29
27	Loss of Rab5 drives non-autonomous cell proliferation through TNF and Ras signaling in <i>Drosophila</i> . <i>Developmental Biology</i> , 2014, 395, 19-28.	2.0	28
28	Mechanism of tumor-suppressive cell competition in flies. <i>Cancer Science</i> , 2020, 111, 3409-3415.	3.9	22
29	Cell competition is driven by Xrp1-mediated phosphorylation of eukaryotic initiation factor 2 β . <i>PLoS Genetics</i> , 2021, 17, e1009958.	3.5	22
30	Dissecting cellular senescence and SASP in <i>Drosophila</i> . <i>Inflammation and Regeneration</i> , 2016, 36, 25.	3.7	19
31	JNK and Yorkie drive tumor progression by generating polyploid giant cells in <i>Drosophila</i> . <i>Oncogene</i> , 2018, 37, 3088-3097.	5.9	19
32	Mathematical model for cell competition: Predator-prey interactions at the interface between two groups of cells in monolayer tissue. <i>Journal of Theoretical Biology</i> , 2016, 404, 40-50.	1.7	16
33	Epithelial cell-turnover ensures robust coordination of tissue growth in <i>Drosophila</i> ribosomal protein mutants. <i>PLoS Genetics</i> , 2021, 17, e1009300.	3.5	16
34	Dissecting tumour heterogeneity in flies: genetic basis of interclonal oncogenic cooperation. <i>Journal of Biochemistry</i> , 2014, 156, 129-136.	1.7	14
35	Wingless signaling regulates winner/loser status in <i>Minute</i> cell competition. <i>Genes To Cells</i> , 2018, 23, 234-240.	1.2	11
36	JNK-mediated Slit-Robo signaling facilitates epithelial wound repair by extruding dying cells. <i>Scientific Reports</i> , 2019, 9, 19549.	3.3	10

#	ARTICLE	IF	CITATIONS
37	Interaction between Ras and Src clones causes interdependent tumor malignancy via Notch signaling in <i>Drosophila</i> . <i>Developmental Cell</i> , 2021, 56, 2223-2236.e5.	7.0	10
38	Eiger and Wengen: The <i>Drosophila</i> Orthologs of TNF/TNFR. <i>Advances in Experimental Medicine and Biology</i> , 2011, 691, 45-50.	1.6	9
39	Yorkie drives supercompetition by non-autonomous induction of autophagy via bantam microRNA in <i>Drosophila</i> . <i>Current Biology</i> , 2022, 32, 1064-1076.e4.	3.9	8
40	Yorkie drives Ras-induced tumor progression by microRNA-mediated inhibition of cellular senescence. <i>Science Signaling</i> , 2021, 14, .	3.6	6
41	Induction and Detection of Oncogene-Induced Cellular Senescence in <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2017, 1534, 211-218.	0.9	5
42	Yorkie ensures robust tissue growth in <i>Drosophila</i> ribosomal protein mutants. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	4
43	JNK and Yorkie drive tumor malignancy by inducing L-amino acid transporter 1 in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2021, 17, e1009893.	3.5	4
44	1SCP-01 Cell competition that regulates epithelial maintenance in <i>Drosophila</i> (1SCP Challenges to in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Butsuri, 2013, 53, S88.	0.1	0
45	Breaking Down Neighbors to Fuel Tumorigenesis. <i>Developmental Cell</i> , 2017, 40, 219-220.	7.0	0
46	Non-autonomous Tumor Progression by Oncogenic Inflammation. , 2016, , 211-222.		0