

Esther M Verheyen

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,909
citations

304743

22
h-index

276875

41
g-index

58
all docs

58
docs citations

58
times ranked

2236
citing authors

#	ARTICLE	IF	CITATIONS
1	chickadee encodes a profilin required for intercellular cytoplasm transport during <i>Drosophila</i> oogenesis. <i>Cell</i> , 1992, 69, 173-184.	28.9	369
2	Wnt/Wingless Signaling in <i>Drosophila</i> . <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a007930-a007930.	5.5	155
3	Regulation of Wnt/ β -catenin signaling by protein kinases. <i>Developmental Dynamics</i> , 2010, 239, 34-44.	1.8	139
4	Mammary Development and Breast Cancer: A Wnt Perspective. <i>Cancers</i> , 2016, 8, 65.	3.7	91
5	Analysis of Dominant Enhancers and Suppressors of Activated <i>Notch</i> in <i>Drosophila</i> . <i>Genetics</i> , 1996, 144, 1127-1141.	2.9	90
6	Homeodomain-interacting protein kinases (Hipks) promote Wnt/Wg signaling through stabilization of β -catenin/Arm and stimulation of target gene expression. <i>Development (Cambridge)</i> , 2009, 136, 241-251.	2.5	74
7	Hipk is an essential protein that promotes Notch signal transduction in the <i>Drosophila</i> eye by inhibition of the global co-repressor Groucho. <i>Developmental Biology</i> , 2009, 325, 263-272.	2.0	64
8	<i>Drosophila</i> Nemo antagonizes BMP signaling by phosphorylation of Mad and inhibition of its nuclear accumulation. <i>Development (Cambridge)</i> , 2007, 134, 2061-2071.	2.5	57
9	Homeodomain-Interacting Protein Kinases. <i>Current Topics in Developmental Biology</i> , 2017, 123, 73-103.	2.2	56
10	Homeodomain-Interacting Protein Kinase Regulates Yorkie Activity to Promote Tissue Growth. <i>Current Biology</i> , 2012, 22, 1582-1586.	3.9	52
11	Nemo is an inducible antagonist of Wingless signaling during <i>Drosophila</i> wing development. <i>Development (Cambridge)</i> , 2004, 131, 2911-2920.	2.5	47
12	A Novel, Noncanonical BMP Pathway Modulates Synapse Maturation at the <i>Drosophila</i> Neuromuscular Junction. <i>PLoS Genetics</i> , 2016, 12, e1005810.	3.5	45
13	<i>Drosophila</i> homeodomain-interacting protein kinase inhibits the Skp1-Cul1-F-box E3 ligase complex to dually promote Wingless and Hedgehog signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9887-9892.	7.1	44
14	<i>Drosophila</i> nemo is an essential gene involved in the regulation of programmed cell death. <i>Mechanisms of Development</i> , 2002, 119, 9-20.	1.7	43
15	Nemo kinase phosphorylates β -catenin to promote ommatidial rotation and connects core PCP factors to E-cadherin- β -catenin. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 665-672.	8.2	43
16	The tissue polarity gene nemo carries out multiple roles in patterning during <i>Drosophila</i> development. <i>Mechanisms of Development</i> , 2001, 101, 119-132.	1.7	41
17	Integrins Regulate Apical Constriction via Microtubule Stabilization in the <i>Drosophila</i> Eye Disc Epithelium. <i>Cell Reports</i> , 2014, 9, 2043-2055.	6.4	38
18	Nemo kinase interacts with Mad to coordinate synaptic growth at the <i>Drosophila</i> neuromuscular junction. <i>Journal of Cell Biology</i> , 2009, 185, 713-725.	5.2	36

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19	Decreases in the relative concentrations of specific hepatocyte plasma membrane proteins during liver regeneration: Down-regulation or dilution?. <i>Developmental Biology</i> , 1991, 143, 258-270.	2.0	35
20	Opposing Effects of Wnt and MAPK on BMP/Smad Signal Duration. <i>Developmental Cell</i> , 2007, 13, 755-756.	7.0	33
21	Genome-wide identification of phospho-regulators of Wnt signaling in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2015, 142, 1502-1515.	2.5	28
22	A positive feedback loop between Myc and aerobic glycolysis sustains tumor growth in a <i>Drosophila</i> tumor model. <i>ELife</i> , 2019, 8, .	6.0	28
23	<i>Drosophila</i> Nemo Promotes Eye Specification Directed by the Retinal Determination Gene Network. <i>Genetics</i> , 2008, 180, 283-299.	2.9	25
24	Homeodomain interacting protein kinase promotes tumorigenesis and metastatic cell behavior. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	20
25	The power of <i>Drosophila</i> in modeling human disease mechanisms. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	2.4	20
26	Nemo phosphorylates Eyes absent and enhances output from the Eya-Sine oculis transcriptional complex during <i>Drosophila</i> retinal determination. <i>Developmental Biology</i> , 2012, 365, 267-276.	2.0	19
27	The nutrient sensor OGT regulates Hipk stability and tumorigenic-like activities in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2004-2013.	7.1	19
28	High specificity and tight spatial restriction of self-biotinylation by DNA and RNA G-Quadruplexes complexed in vitro and in vivo with Heme. <i>Nucleic Acids Research</i> , 2020, 48, 5254-5267.	14.5	18
29	Inhibition of <i>Drosophila</i> Wg Signaling Involves Competition between Mad and Armadillo/ β -Catenin for dTcf Binding. <i>PLoS ONE</i> , 2008, 3, e3893.	2.5	18
30	Characterization of Dir: a putative potassium inward rectifying channel in <i>Drosophila</i> . <i>Mechanisms of Development</i> , 2002, 116, 193-197.	1.7	16
31	Hipk is required for JAK/STAT activity during development and tumorigenesis. <i>PLoS ONE</i> , 2019, 14, e0226856.	2.5	14
32	Ras-activated Dsor1 promotes Wnt signaling in <i>Drosophila</i> development. <i>Journal of Cell Science</i> , 2015, 128, 4499-511.	2.0	13
33	Actomyosin contractility modulates Wnt signaling through adherens junction stability. <i>Molecular Biology of the Cell</i> , 2019, 30, 411-426.	2.1	13
34	Hipk promotes photoreceptor differentiation through the repression of Twin of eyeless and Eyeless expression. <i>Developmental Biology</i> , 2014, 390, 14-25.	2.0	12
35	The Myopic-Ubpy-Hrs nexus enables endosomal recycling of Frizzled. <i>Molecular Biology of the Cell</i> , 2015, 26, 3329-3342.	2.1	12
36	The role of Bro1- domain-containing protein Myopic in endosomal trafficking of Wnt/Wingless. <i>Developmental Biology</i> , 2014, 392, 93-107.	2.0	11

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37	Metabolic reprogramming in cancer: mechanistic insights from <i>Drosophila</i> . DMM Disease Models and Mechanisms, 2021, 14, 1-17.	2.4	9
38	Nemo phosphorylates Even-skipped and promotes Eve-mediated repression of odd-skipped in even parasegments during <i>Drosophila</i> embryogenesis. Developmental Biology, 2010, 343, 178-189.	2.0	8
39	The Protein Phosphatase 4 complex promotes the Notch pathway and <i>wingless</i> transcription. Biology Open, 2017, 6, 1165-1173.	1.2	8
40	Homeodomain-interacting protein kinase (Hipk) plays roles in nervous system and muscle structure and function. PLoS ONE, 2020, 15, e0221006.	2.5	8
41	Hipk proteins dually regulate Wnt/Wingless signal transduction. Fly, 2012, 6, 126-131.	1.7	7
42	Ras/MEK/MAPK-mediated regulation of heparin sulphate proteoglycans promotes retinal fate in the <i>Drosophila</i> eye's antennal disc. Developmental Biology, 2015, 402, 109-118.	2.0	5
43	Hyperpolarized mitochondria accumulate in <i>Drosophila</i> Hipk-overexpressing cells to drive tumor-like growth. Journal of Cell Science, 2020, 133, .	2.0	5
44	Expression of human HIPKs in <i>Drosophila</i> demonstrates their shared and unique functions in a developmental model. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	5
45	Nemo promotes Notch-mediated lateral inhibition downstream of proneural factors. Developmental Biology, 2014, 392, 334-343.	2.0	4
46	A scalable <i>Drosophila</i> assay for clinical interpretation of human PTEN variants in suppression of PI3K/AKT induced cellular proliferation. PLoS Genetics, 2021, 17, e1009774.	3.5	4
47	Characterization of Gfat1 (zeppelin) and Gfat2, Essential Paralogous Genes Which Encode the Enzymes That Catalyze the Rate-Limiting Step in the Hexosamine Biosynthetic Pathway in <i>Drosophila melanogaster</i> . Cells, 2022, 11, 448.	4.1	3
48	Wnts as Self-Renewal Factors: Mammary Stem Cells and Beyond. Cell Stem Cell, 2010, 6, 494-495.	11.1	1
49	LRP 6 lets Merlin go in times of nutrient scarcity. EMBO Reports, 2020, 21, e51358.	4.5	1
50	Ras-activated Dsor1 promotes Wnt signaling in <i>Drosophila</i> development. Development (Cambridge), 2016, 143, e1.1-e1.1.	2.5	0