

Helmut Krämer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2953699/publications.pdf>

Version: 2024-02-01

61
papers

11,359
citations

147801

31
h-index

138484

58
g-index

70
all docs

70
docs citations

70
times ranked

22549
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 9.1 | 3,122 |
| 3 | Interaction of bride of sevenless membrane-bound ligand and the sevenless tyrosine-kinase receptor. <i>Nature</i> , 1991, 352, 207-212. | 27.8 | 314 |
| 4 | Interaction of the HOPS complex with Syntaxin 17 mediates autophagosome clearance in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2014, 25, 1338-1354. | 2.1 | 247 |
| 5 | <i>Drosophila</i> Vps16A is required for trafficking to lysosomes and biogenesis of pigment granules. <i>Journal of Cell Science</i> , 2005, 118, 3663-3673. | 2.0 | 227 |
| 6 | A Role for the deep orange and carnation Eye Color Genes in Lysosomal Delivery in <i>Drosophila</i> . <i>Molecular Cell</i> , 1999, 4, 479-486. | 9.7 | 198 |
| 7 | The bride of sevenless and sevenless interaction: Internalization of a transmembrane ligand. <i>Cell</i> , 1992, 69, 393-399. | 28.9 | 173 |
| 8 | The Golgi-Associated Hook3 Protein Is a Member of a Novel Family of Microtubule-Binding Proteins. <i>Journal of Cell Biology</i> , 2001, 152, 923-934. | 5.2 | 172 |
| 9 | Not just pretty eyes: <i>Drosophila</i> eye-colour mutations and lysosomal delivery. <i>Trends in Cell Biology</i> , 1998, 8, 257-259. | 7.9 | 162 |
| 10 | Induction in the developing compound eye of <i>Drosophila</i> : Multiple mechanisms restrict R7 induction to a single retinal precursor cell. <i>Cell</i> , 1991, 67, 1145-1155. | 28.9 | 159 |
| 11 | Microtubule-dependent endosomal sorting of clathrin-independent cargo by Hook1. <i>Journal of Cell Biology</i> , 2013, 201, 233-247. | 5.2 | 112 |
| 12 | Unfolded Protein Response-regulated <i>Drosophila</i> Fic (dFic) Protein Reversibly AMPylates BiP Chaperone during Endoplasmic Reticulum Homeostasis. <i>Journal of Biological Chemistry</i> , 2014, 289, 36059-36069. | 3.4 | 108 |
| 13 | Genetic Analysis of hook, a Gene Required for Endocytic Trafficking in <i>Drosophila</i> . <i>Genetics</i> , 1999, 151, 675-684. | 2.9 | 90 |
| 14 | Molecular cloning and characterization of human VPS18, VPS 11, VPS16, and VPS33. <i>Gene</i> , 2001, 264, 241-247. | 2.2 | 83 |
| 15 | AP-1 and clathrin are essential for secretory granule biogenesis in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 2094-2105. | 2.1 | 83 |
| 16 | The SM Protein Car/Vps33A Regulates SNARE-mediated Trafficking to Lysosomes and Lysosome-related Organelles. <i>Molecular Biology of the Cell</i> , 2009, 20, 1705-1714. | 2.1 | 78 |
| 17 | Type II phosphatidylinositol 4-kinase regulates trafficking of secretory granule proteins in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2012, 139, 3040-3050. | 2.5 | 77 |
| 18 | Genetic Dissection of Endocytic Trafficking in <i>Drosophila</i> Using a Horseradish Peroxidase-Bride of Sevenless Chimera: <i>hook</i> Is Required for Normal Maturation of Multivesicular Endosomes. <i>Molecular Biology of the Cell</i> , 1999, 10, 847-859. | 2.1 | 76 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | The VPS33B-binding protein VPS16B is required in megakaryocyte and platelet β -granule biogenesis. <i>Blood</i> , 2012, 120, 5032-5040. | 1.4 | 76 |
| 20 | Visual neurotransmission in <i>Drosophila</i> requires expression of Fic in glial capitate projections. <i>Nature Neuroscience</i> , 2012, 15, 871-875. | 14.8 | 74 |
| 21 | Molecular Characterization of Mammalian Homologues of Class C Vps Proteins That Interact with Syntaxin-7. <i>Journal of Biological Chemistry</i> , 2001, 276, 29393-29402. | 3.4 | 73 |
| 22 | The <i>full-of-bacteria</i> gene is required for phagosome maturation during immune defense in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2011, 192, 383-390. | 5.2 | 66 |
| 23 | The <i>Salmonella</i> SpiC protein targets the mammalian Hook3 protein function to alter cellular trafficking. <i>Molecular Microbiology</i> , 2003, 49, 1565-1576. | 2.5 | 59 |
| 24 | Hook2 Localizes to the Centrosome, Binds Directly to Centriolin/CEP110 and Contributes to Centrosomal Function. <i>Traffic</i> , 2007, 8, 32-46. | 2.7 | 55 |
| 25 | Hook2 is involved in the morphogenesis of the primary cilium. <i>Molecular Biology of the Cell</i> , 2011, 22, 4549-4562. | 2.1 | 54 |
| 26 | The nonclassical insulin binding of insulin receptors from rat liver is due to the presence of two interacting β -subunits in the receptor complex. <i>Biochemical and Biophysical Research Communications</i> , 1986, 135, 459-464. | 2.1 | 45 |
| 27 | A Mutation in dVps28 Reveals a Link between a Subunit of the Endosomal Sorting Complex Required for Transport-I Complex and the Actin Cytoskeleton in <i>Drosophila</i> . <i>Molecular Biology of the Cell</i> , 2005, 16, 2301-2312. | 2.1 | 43 |
| 28 | Fic-mediated deAMPylation is not dependent on homodimerization and rescues toxic AMPylation in flies. <i>Journal of Biological Chemistry</i> , 2017, 292, 21193-21204. | 3.4 | 42 |
| 29 | Hook2 contributes to aggresome formation. <i>BMC Cell Biology</i> , 2007, 8, 19. | 3.0 | 41 |
| 30 | <i>Drosophila</i> <i>mauve</i> Mutants Reveal a Role of <i>LYST</i> Homologs Late in the Maturation of Phagosomes and Autophagosomes. <i>Traffic</i> , 2012, 13, 1680-1692. | 2.7 | 40 |
| 31 | Intracellular Chloride and Scaffold Protein Mo25 Cooperatively Regulate Transepithelial Ion Transport through WNK Signaling in the Malpighian Tubule. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1449-1461. | 6.1 | 37 |
| 32 | The carcinine transporter CarT is required in <i>Drosophila</i> photoreceptor neurons to sustain histamine recycling. <i>ELife</i> , 2015, 4, e10972. | 6.0 | 37 |
| 33 | ARC Syndrome-Linked Vps33B Protein Is Required for Inflammatory Endosomal Maturation and Signal Termination. <i>Immunity</i> , 2016, 45, 267-279. | 14.3 | 36 |
| 34 | <i>Drosophila</i> <i>acinus</i> encodes a novel regulator of endocytic and autophagic trafficking. <i>Development (Cambridge)</i> , 2010, 137, 2157-2166. | 2.5 | 29 |
| 35 | Adaptation to constant light requires Fic-mediated AMPylation of BiP to protect against reversible photoreceptor degeneration. <i>ELife</i> , 2018, 7, . | 6.0 | 29 |
| 36 | <i>Drosophila</i> endosomal proteins hook and deep orange regulate synapse size but not synaptic vesicle recycling. <i>Journal of Neurobiology</i> , 2000, 45, 105-119. | 3.6 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Stress-induced Cdk5 activity enhances cytoprotective basal autophagy in <i>Drosophila melanogaster</i> by phosphorylating acinus at serine437. <i>ELife</i> , 2017, 6, . | 6.0 | 28 |
| 38 | Characterization of solubilized insulin receptors from rat liver microsomes. Existence of two receptor species with different binding properties. <i>FEBS Journal</i> , 1986, 154, 281-287. | 0.2 | 25 |
| 39 | Neuralized. <i>Developmental Cell</i> , 2001, 1, 725-726. | 7.0 | 25 |
| 40 | Sorting Out Signals in Fly Endosomes. <i>Traffic</i> , 2002, 3, 87-91. | 2.7 | 24 |
| 41 | Determination of photoreceptor cell fate in the <i>Drosophila</i> retina. <i>Current Opinion in Neurobiology</i> , 1994, 4, 14-20. | 4.2 | 21 |
| 42 | Acinus integrates AKT1 and subapoptotic caspase activities to regulate basal autophagy. <i>Journal of Cell Biology</i> , 2014, 207, 253-268. | 5.2 | 21 |
| 43 | STING controls energy stress-induced autophagy and energy metabolism via STX17. <i>Journal of Cell Biology</i> , 2022, 221, . | 5.2 | 21 |
| 44 | Yorkie Growth-Promoting Activity Is Limited by Atg1-Mediated Phosphorylation. <i>Developmental Cell</i> , 2020, 52, 605-616.e7. | 7.0 | 19 |
| 45 | The Microtubule-binding Protein Hook3 Interacts with a Cytoplasmic Domain of Scavenger Receptor A. <i>Journal of Biological Chemistry</i> , 2007, 282, 7973-7981. | 3.4 | 18 |
| 46 | <i>Drosophila melanogaster</i> cellular repressor of E1A-stimulated genes is a lysosomal protein essential for fly development. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2900-2912. | 4.1 | 16 |
| 47 | Patrilocal—patrilocal: taking the bride to the husband's home village cell-cell interactions: sevenless captures its bride. <i>Trends in Cell Biology</i> , 1993, 3, 103-105. | 7.9 | 15 |
| 48 | <i>Drosophila</i> p53 directs nonapoptotic programs in postmitotic tissue. <i>Molecular Biology of the Cell</i> , 2019, 30, 1339-1351. | 2.1 | 14 |
| 49 | Generation of Oligomeric Insulin Receptor Forms by Intramolecular Sulfhydryl-Disulfide Exchange. Involvement of Masked Sulfhydryl Groups. <i>Biological Chemistry Hoppe-Seyler</i> , 1987, 368, 471-480. | 1.4 | 12 |
| 50 | Cdk5-mediated Acn/Acinus phosphorylation regulates basal autophagy independently of metabolic stress. <i>Autophagy</i> , 2018, 14, 1271-1272. | 9.1 | 10 |
| 51 | Route to destruction: Autophagosomes SNARE lysosomes. <i>Journal of Cell Biology</i> , 2013, 201, 495-497. | 5.2 | 9 |
| 52 | The glial sodium-potassium-2-chloride cotransporter is required for synaptic transmission in the <i>Drosophila</i> visual system. <i>Scientific Reports</i> , 2019, 9, 2475. | 3.3 | 9 |
| 53 | Autophagy Keeps the Balance in Tissue Homeostasis. <i>Developmental Cell</i> , 2019, 49, 499-500. | 7.0 | 8 |
| 54 | <i>Escherichia coli</i> Infection of <i>Drosophila</i> . <i>Bio-protocol</i> , 2017, 7, . | 0.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Type II phosphatidylinositol 4-kinase regulates trafficking of secretory granule proteins in <i>Drosophila</i> . <i>Journal of Cell Science</i> , 2012, 125, e1-e1. | 2.0 | 5 |
| 56 | Dynamin-independent synaptic vesicle retrieval?. <i>Nature Neuroscience</i> , 2008, 11, 6-8. | 14.8 | 4 |
| 57 | Isolation and Infection of <i>Drosophila</i> Primary Hemocytes. <i>Bio-protocol</i> , 2017, 7, . | 0.4 | 2 |
| 58 | Acinus. <i>Autophagy</i> , 2010, 6, 974-975. | 9.1 | 0 |
| 59 | Activated Acinus boosts basal autophagy. <i>Molecular and Cellular Oncology</i> , 2015, 2, e995043. | 0.7 | 0 |
| 60 | Hypersensitivity of <i>Vps33B</i> mutant flies to non-pathogenic infections is dictated by aberrant activation of p38 MAP kinase. <i>Traffic</i> , 2020, 21, 578-589. | 2.7 | 0 |
| 61 | <i>Drosophila</i> acinus encodes a novel regulator of endocytic and autophagic trafficking. <i>Journal of Cell Science</i> , 2010, 123, e1-e1. | 2.0 | 0 |