

Thomas Vaccari

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

7,562
citations

257450

24
h-index

206112

48
g-index

60
all docs

60
docs citations

60
times ranked

17278
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	The <i>Drosophila</i> Tumor Suppressor <i>vps25</i> Prevents Nonautonomous Overproliferation by Regulating Notch Trafficking. <i>Developmental Cell</i> , 2005, 9, 687-698.	7.0	330
3	ESCRTs and Fab1 Regulate Distinct Steps of Autophagy. <i>Current Biology</i> , 2007, 17, 1817-1825.	3.9	292
4	Trehalose induces autophagy via lysosomal-mediated TFEB activation in models of motoneuron degeneration. <i>Autophagy</i> , 2019, 15, 631-651.	9.1	256
5	Endosomal entry regulates Notch receptor activation in <i>Drosophila melanogaster</i> . <i>Journal of Cell Biology</i> , 2008, 180, 755-762.	5.2	238
6	The vacuolar ATPase is required for physiological as well as pathological activation of the Notch receptor. <i>Development (Cambridge)</i> , 2010, 137, 1825-1832.	2.5	145
7	Comparative analysis of ESCRT-I, ESCRT-II and ESCRT-III function in <i>Drosophila</i> by efficient isolation of ESCRT mutants. <i>Journal of Cell Science</i> , 2009, 122, 2413-2423.	2.0	136
8	A tumor suppressor activity of <i>Drosophila</i> Polycomb genes mediated by JAK-STAT signaling. <i>Nature Genetics</i> , 2009, 41, 1150-1155.	21.4	127
9	Biologic response of B lymphoma cells to anti-CD20 monoclonal antibody rituximab in vitro: CD55 and CD59 regulate complement-mediated cell lysis. <i>Blood</i> , 2000, 95, 3900-3908.	1.4	124
10	Shaping development with ESCRTs. <i>Nature Cell Biology</i> , 2012, 14, 38-45.	10.3	111
11	Hyperpolarization-activated Cyclic Nucleotide-gated Channel 1 Is a Molecular Determinant of the Cardiac Pacemaker Current I _f . <i>Journal of Biological Chemistry</i> , 2001, 276, 29233-29241.	3.4	95
12	Hmg4, a New Member of the Hmg1/2 Gene Family. <i>Genomics</i> , 1998, 49, 247-252.	2.9	87
13	Multiple functions of the SNARE protein Snap29 in autophagy, endocytic, and exocytic trafficking during epithelial formation in <i>Drosophila</i> . <i>Autophagy</i> , 2014, 10, 2251-2268.	9.1	72
14	The human gene coding for HCN2, a pacemaker channel of the heart. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1446, 419-425.	2.4	68
15	A Mosaic Genetic Screen for <i>Drosophila</i> Neoplastic Tumor Suppressor Genes Based on Defective Pupation. <i>Genetics</i> , 2007, 177, 1667-1677.	2.9	68
16	Pharmacologic inhibition of vacuolar H ⁺ ATPase reduces physiologic and oncogenic Notch signaling. <i>Molecular Oncology</i> , 2014, 8, 207-220.	4.6	66
17	The vacuolar H ⁺ ATPase is a novel therapeutic target for glioblastoma. <i>Oncotarget</i> , 2015, 6, 17514-17531.	1.8	60
18	The Fusome and Microtubules Enrich Par-1 in the Oocyte, Where It Effects Polarization in Conjunction with Par-3, BicD, Egl, and Dynein. <i>Current Biology</i> , 2002, 12, 1524-1528.	3.9	54

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19	Elevated expression of the V-ATPase C subunit triggers JNK-dependent cell invasion and overgrowth in a <i>Drosophila</i> epithelium. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 689-700.	2.4	44
20	At the crossroads of polarity, proliferation and apoptosis: The use of <i>Drosophila</i> to unravel the multifaceted role of endocytosis in tumor suppression. <i>Molecular Oncology</i> , 2009, 3, 354-365.	4.6	42
21	The <i>Drosophila</i> PAR-1 Spacer Domain Is Required for Lateral Membrane Association and for Polarization of Follicular Epithelial Cells. <i>Current Biology</i> , 2005, 15, 255-261.	3.9	40
22	Synaptic activity protects against AD and FTD-like pathology via autophagic-lysosomal degradation. <i>Molecular Psychiatry</i> , 2018, 23, 1530-1540.	7.9	39
23	The Cornelia de Lange Syndrome-associated factor NIPBL interacts with BRD4 ET domain for transcription control of a common set of genes. <i>Cell Death and Disease</i> , 2019, 10, 548.	6.3	35
24	Control of lysosomal biogenesis and Notch-dependent tissue patterning by components of the TFEB-V-ATPase axis in <i>Drosophila melanogaster</i> . <i>Autophagy</i> , 2016, 12, 499-514.	9.1	34
25	Regulation of BMP4/Dpp retrotranslocation and signaling by deglycosylation. <i>ELife</i> , 2020, 9, .	6.0	30
26	A GBM-like V-ATPase signature directs cell-cell tumor signaling and reprogramming via large oncosomes. <i>EBioMedicine</i> , 2019, 41, 225-235.	6.1	25
27	Specific V-ATPase expression sub-classifies IDHwt lower-grade gliomas and impacts glioma growth in vivo. <i>EBioMedicine</i> , 2019, 41, 214-224.	6.1	22
28	When membranes need an ESCRT: endosomal sorting and membrane remodelling in health and disease. <i>Swiss Medical Weekly</i> , 2016, 146, w14347.	1.6	22
29	How to use a multipurpose SNARE: The emerging role of Snap29 in cellular health. <i>Cell Stress</i> , 2018, 2, 72-81.	3.2	21
30	ESCRT-0 Is Not Required for Ectopic Notch Activation and Tumor Suppression in <i>Drosophila</i> . <i>PLoS ONE</i> , 2014, 9, e93987.	2.5	20
31	An essential step of kinetochore formation controlled by the SNARE protein Snap29. <i>EMBO Journal</i> , 2016, 35, 2223-2237.	7.8	19
32	A genetic model of CEDNIK syndrome in zebrafish highlights the role of the SNARE protein Snap29 in neuromotor and epidermal development. <i>Scientific Reports</i> , 2019, 9, 1211.	3.3	19
33	Activity of the SNARE Protein SNAP29 at the Endoplasmic Reticulum and Golgi Apparatus. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 637565.	3.7	17
34	ESCRT genes and regulation of developmental signaling. <i>Seminars in Cell and Developmental Biology</i> , 2018, 74, 29-39.	5.0	16
35	Automatic imaging of <i>Drosophila</i> embryos with light sheet fluorescence microscopy on chip. <i>Journal of Biophotonics</i> , 2021, 14, e202000396.	2.3	16
36	ESCRT-II/Vps25 Constrains Digit Number by Endosome-Mediated Selective Modulation of FGF-SHH Signaling. <i>Cell Reports</i> , 2014, 9, 674-687.	6.4	12

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37	Mechanisms of Non-canonical Signaling in Health and Disease: Diversity to Take Therapy up a Notch?. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1066, 187-204.	1.6	12
38	Hecw controls oogenesis and neuronal homeostasis by promoting the liquid state of ribonucleoprotein particles. <i>Nature Communications</i> , 2021, 12, 5488.	12.8	7
39	Modulating eIF6 levels unveils the role of translation in ecdysone biosynthesis during <i>Drosophila</i> development. <i>Developmental Biology</i> , 2019, 455, 100-111.	2.0	6
40	V-ATPase controls tumor growth and autophagy in a <i>Drosophila</i> model of gliomagenesis. <i>Autophagy</i> , 2021, 17, 4442-4452.	9.1	6
41	Snapshots from within the cell: Novel trafficking and non trafficking functions of Snap29 during tissue morphogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2023, 133, 42-52.	5.0	5
42	Pathogenic variants of Valosin-containing protein induce lysosomal damage and transcriptional activation of autophagy regulators in neuronal cells. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, e12818.	3.2	5
43	Proteomics Meets Genetics: SILAC Labeling of <i>Drosophila melanogaster</i> Larvae and Cells for In Vivo Functional Studies. <i>Methods in Molecular Biology</i> , 2014, 1188, 293-311.	0.9	4
44	Insights into the Role of the Microbiota and of Short-Chain Fatty Acids in Rubinstein-Taybi Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3621.	4.1	4
45	Early autophagosomes are formed from myelin-like structures derived from outer membranes of mitochondria. <i>Ultrastructural Pathology</i> , 2017, 41, 73-74.	0.9	3
46	Alarming shift away from sharing results. <i>Nature</i> , 2012, 488, 157-157.	27.8	2
47	Immunohistochemical Tools and Techniques to Visualize Notch in <i>Drosophila melanogaster</i> . <i>Methods in Molecular Biology</i> , 2014, 1187, 63-78.	0.9	1
48	Dual-color on-chip light sheet microscopy of <i>drosophila</i> embryos. , 2020, , .		1
49	Genetic and Cell Biology Methods to Study ESCRTs in <i>Drosophila melanogaster</i> . <i>Methods in Molecular Biology</i> , 2019, 1998, 13-29.	0.9	0
50	Dual-Color Fluorescent Microscope on Chip for 3D Imaging of Single Cells. , 2019, , .		0
51	Synaptic stimulation protects against pathological tau by enhancing lysosomal degradation. <i>Alzheimer's and Dementia</i> , 2020, 16, e040308.	0.8	0
52	Activation of the proton pump, V-ATPase, triggers JNK-dependent cell invasion and overgrowth in a <i>Drosophila</i> epithelium. <i>Development (Cambridge)</i> , 2013, 140, e507-e507.	2.5	0