

Hong Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3308548/publications.pdf>

Version: 2024-02-01

64
papers

3,524
citations

201674

27
h-index

138484

58
g-index

67
all docs

67
docs citations

67
times ranked

4069
citing authors

#	ARTICLE	IF	CITATIONS
1	A single motif responsible for ubiquitin recognition and monoubiquitination in endocytic proteins. <i>Nature</i> , 2002, 416, 451-455.	27.8	592
2	Epsin is an EH-domain-binding protein implicated in clathrin-mediated endocytosis. <i>Nature</i> , 1998, 394, 793-797.	27.8	520
3	The Epsins Define a Family of Proteins That Interact with Components of the Clathrin Coat and Contain a New Protein Module. <i>Journal of Biological Chemistry</i> , 1999, 274, 33959-33965.	3.4	171
4	Synaptojanin 1: localization on coated endocytic intermediates in nerve terminals and interaction of its 170 kDa isoform with Eps15. <i>FEBS Letters</i> , 1997, 419, 175-180.	2.8	152
5	The association of epsin with ubiquitinated cargo along the endocytic pathway is negatively regulated by its interaction with clathrin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2766-2771.	7.1	136
6	The Interaction of Epsin and Eps15 with the Clathrin Adaptor AP-2 Is Inhibited by Mitotic Phosphorylation and Enhanced by Stimulation-dependent Dephosphorylation in Nerve Terminals. <i>Journal of Biological Chemistry</i> , 1999, 274, 3257-3260.	3.4	122
7	Mechanotransduction activates canonical Wnt/ β -catenin signaling to promote lymphatic vascular patterning and the development of lymphatic and lymphovenous valves. <i>Genes and Development</i> , 2016, 30, 1454-1469.	5.9	121
8	Rapid Ca ²⁺ -dependent decrease of protein ubiquitination at synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14908-14913.	7.1	116
9	Embryonic arrest at midgestation and disruption of Notch signaling produced by the absence of both epsin 1 and epsin 2 in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13838-13843.	7.1	112
10	Defective Intestinal Mucin-Type O-Glycosylation Causes Spontaneous Colitis-Associated Cancer in Mice. <i>Gastroenterology</i> , 2016, 151, 152-164.e11.	1.3	105
11	Epsin deficiency impairs endocytosis by stalling the actin-dependent invagination of endocytic clathrin-coated pits. <i>ELife</i> , 2014, 3, e03311.	6.0	101
12	Endothelial epsin deficiency decreases tumor growth by enhancing VEGF signaling. <i>Journal of Clinical Investigation</i> , 2012, 122, 4424-4438.	8.2	97
13	Role of endoplasmic reticulum stress signalling in diabetic endothelial dysfunction and atherosclerosis. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 14-23.	2.0	83
14	Multiple mouse models of primary lymphedema exhibit distinct defects in lymphovenous valve development. <i>Developmental Biology</i> , 2016, 409, 218-233.	2.0	78
15	Cardiotoxicity of Anticancer Therapeutics. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 9.	2.4	68
16	Temporal and spatial regulation of epsin abundance and VEGFR3 signaling are required for lymphatic valve formation and function. <i>Science Signaling</i> , 2014, 7, ra97.	3.6	57
17	Complementary Wnt Sources Regulate Lymphatic Vascular Development via PROX1-Dependent Wnt/ β -Catenin Signaling. <i>Cell Reports</i> , 2018, 25, 571-584.e5.	6.4	55
18	Eating the Dead to Keep Atherosclerosis at Bay. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 2.	2.4	54

#	ARTICLE	IF	CITATIONS
19	Epsin deficiency promotes lymphangiogenesis through regulation of VEGFR3 degradation in diabetes. <i>Journal of Clinical Investigation</i> , 2018, 128, 4025-4043.	8.2	52
20	S1PR1 regulates the quiescence of lymphatic vessels by inhibiting laminar shear stress-dependent VEGF-C signaling. <i>JCI Insight</i> , 2020, 5, .	5.0	47
21	Genetic Reduction of Vascular Endothelial Growth Factor Receptor 2 Rescues Aberrant Angiogenesis Caused by Epsin Deficiency. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 331-337.	2.4	44
22	Podoplanin requires sialylated O-glycans for stable expression on lymphatic endothelial cells and for interaction with platelets. <i>Blood</i> , 2014, 124, 3656-3665.	1.4	44
23	Myeloid-Specific Deletion of Epsins 1 and 2 Reduces Atherosclerosis by Preventing LRP-1 Downregulation. <i>Circulation Research</i> , 2019, 124, e6-e19.	4.5	41
24	Selective Targeting of a Novel Epsin-VEGFR2 Interaction Promotes VEGF-Mediated Angiogenesis. <i>Circulation Research</i> , 2016, 118, 957-969.	4.5	35
25	ORP4L Extracts and Presents PIP2 from Plasma Membrane for PLC β 3 Catalysis: Targeting It Eradicates Leukemia Stem Cells. <i>Cell Reports</i> , 2019, 26, 2166-2177.e9.	6.4	35
26	Selective high-level expression of epsin 3 in gastric parietal cells, where it is localized at endocytic sites of apical canaliculi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21511-21516.	7.1	33
27	Epsin is required for Dishevelled stability and Wnt signalling activation in colon cancer development. <i>Nature Communications</i> , 2015, 6, 6380.	12.8	31
28	GATA2 controls lymphatic endothelial cell junctional integrity and lymphovenous valve morphogenesis through <i>miR-126</i> . <i>Development (Cambridge)</i> , 2019, 146, .	2.5	30
29	Loss of Core 1-derived O-Glycans Decreases Breast Cancer Development in Mice. <i>Journal of Biological Chemistry</i> , 2015, 290, 20159-20166.	3.4	28
30	YAP and TAZ maintain PROX1 expression in the developing lymphatic and lymphovenous valves in response to VEGF-C signaling. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	28
31	JAK2 and SHP2 Reciprocally Regulate Tyrosine Phosphorylation and Stability of Proapoptotic Protein ASK1. <i>Journal of Biological Chemistry</i> , 2009, 284, 13481-13488.	3.4	27
32	Epsin-mediated degradation of IP3R1 fuels atherosclerosis. <i>Nature Communications</i> , 2020, 11, 3984.	12.8	24
33	Motif mimetic of epsin perturbs tumor growth and metastasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4349-4364.	8.2	24
34	Non-alcoholic Steatohepatitis Pathogenesis, Diagnosis, and Treatment. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 742382.	2.4	22
35	Loss of mucin-type O-glycans impairs the integrity of the glomerular filtration barrier in the mouse kidney. <i>Journal of Biological Chemistry</i> , 2017, 292, 16491-16497.	3.4	21
36	Epsin Family of Endocytic Adaptor Proteins as Oncogenic Regulators of Cancer Progression. <i>Journal of Cancer Research Updates</i> , 2013, 2, 144-150.	0.3	20

#	ARTICLE	IF	CITATIONS
37	Epsins 1 and 2 promote NEMO linear ubiquitination via LUBAC to drive breast cancer development. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	18
38	Endocytic Adaptors in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 624159.	3.7	16
39	The Role of Endothelial-to-Mesenchymal Transition in Cardiovascular Disease. <i>Cells</i> , 2022, 11, 1834.	4.1	16
40	Molecular and cellular mechanisms of lymphatic vascular maturation. <i>Microvascular Research</i> , 2014, 96, 16-22.	2.5	15
41	New Insight into the Mechanisms of Ginkgo Biloba Extract in Vascular Aging Prevention. <i>Current Vascular Pharmacology</i> , 2020, 18, 334-345.	1.7	14
42	Endocytic Adaptor Protein Epsin Is Elevated in Prostate Cancer and Required for Cancer Progression. <i>ISRN Oncology</i> , 2013, 2013, 1-8.	2.1	13
43	Endothelial epsins as regulators and potential therapeutic targets of tumor angiogenesis. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 393-398.	5.4	12
44	Epsins in vascular development, function and disease. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 833-842.	5.4	11
45	Heparin impairs angiogenic signaling and compensatory lung growth after left pneumonectomy. <i>Angiogenesis</i> , 2018, 21, 837-848.	7.2	10
46	Mimetic peptide of ubiquitin-interacting motif of epsin as a cancer therapeutic-perspective in brain tumor therapy through regulating VEGFR2 signaling. <i>Vessel Plus</i> , 2017, 1, 3-11.	0.4	8
47	OKN-007 decreases VEGFR-2 levels in a preclinical GL261 mouse glioma model. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 363-78.	1.0	8
48	Therapeutic efficacy of a synthetic epsin mimetic peptide in glioma tumor model: uncovering multiple mechanisms beyond the VEGF-associated tumor angiogenesis. <i>Journal of Neuro-Oncology</i> , 2018, 138, 17-27.	2.9	7
49	Diabetes and Its Cardiovascular Complications: Comprehensive Network and Systematic Analyses. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 841928.	2.4	7
50	Enhanced hexose-6-phosphate dehydrogenase expression in adipose tissue may contribute to diet-induced visceral adiposity. <i>International Journal of Obesity</i> , 2018, 42, 1999-2011.	3.4	5
51	A paradoxical method to enhance compensatory lung growth: Utilizing a VEGF inhibitor. <i>PLoS ONE</i> , 2018, 13, e0208579.	2.5	5
52	Fibrinogen-like protein 2 contributes to normal murine cardiomyocyte maturation and heart development. <i>Experimental Physiology</i> , 2021, 106, 1559-1571.	2.0	5
53	Epsins Negatively Regulate Aortic Endothelial Cell Function by Augmenting Inflammatory Signaling. <i>Cells</i> , 2021, 10, 1918.	4.1	5
54	Insights from Genetic Model Systems of Retinal Degeneration: Role of Epsins in Retinal Angiogenesis and VEGFR2 Signaling. <i>Journal of Nature and Science</i> , 2017, 3, .	1.1	5

#	ARTICLE	IF	CITATIONS
55	Pregnane X Receptor Mediates Atherosclerosis Induced by Dicyclohexyl Phthalate in LDL Receptor-Deficient Mice. <i>Cells</i> , 2022, 11, 1125.	4.1	5
56	Editorial: The Role of the Lymphatic System in Lipid and Energy Metabolism, and Immune Homeostasis During Obesity and Diabetes. <i>Frontiers in Physiology</i> , 2021, 12, 652461.	2.8	3
57	Vascular Injury in the Zebrafish Tail Modulates Blood Flow and Peak Wall Shear Stress to Restore Embryonic Circular Network. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 841101.	2.4	3
58	Enhanced Lymphangiogenesis and Lymphatic Function Protects Diet-Induced Obesity and Insulin Resistance. <i>FASEB Journal</i> , 2019, 33, 662.25.	0.5	1
59	Smooth Muscle-Specific Deletion of Neuropilin-1 Increases Vascular Contractility and Blood Pressure. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
60	Abstract MP17: Neuropilin-1 Is A Novel Regulator Of Vascular Tone And Blood Pressure. <i>Hypertension</i> , 2021, 78, .	2.7	0
61	Abstract 43: The Role of Epsins in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	2.4	0
62	Abstract 254: A Novel Role of Endothelial and Macrophage Epsins in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	2.4	0
63	Abstract 17346: Loss of Neuropilin 2 Impairs Lymphangiogenesis and Exacerbates Lymphedema. <i>Circulation</i> , 2020, 142, .	1.6	0
64	Targeting Neuropilin-2 in Lymphatic Malformation. <i>FASEB Journal</i> , 2022, 36, .	0.5	0