Kathrin Thedieck

List of Publications by Year
in descending order

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36	2,565	331670	361022
papers	citations	21 h-index	35 g-index

41	41	41	5209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tumor-Intrinsic PD-L1 Signals Regulate Cell Growth, Pathogenesis, and Autophagy in Ovarian Cancer and Melanoma. Cancer Research, 2016, 76, 6964-6974.	0.9	294
2	IL4I1 Is a Metabolic Immune Checkpoint that Activates the AHR and Promotes Tumor Progression. Cell, 2020, 182, 1252-1270.e34.	28.9	259
3	PRAS40 and PRR5-Like Protein Are New mTOR Interactors that Regulate Apoptosis. PLoS ONE, 2007, 2, e1217.	2.5	248
4	Inhibition of mTORC1 by Astrin and Stress Granules Prevents Apoptosis in Cancer Cells. Cell, 2013, 154, 859-874.	28.9	243
5	The MprF protein is required for lysinylation of phospholipids in listerial membranes and confers resistance to cationic antimicrobial peptides (CAMPs) on Listeria monocytogenes. Molecular Microbiology, 2006, 62, 1325-1339.	2.5	181
6	Proteins induced by telomere dysfunction and DNA damage represent biomarkers of human aging and disease. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11299-11304.	7.1	151
7	Bile proteomic profiles differentiate cholangiocarcinoma from primary sclerosing cholangitis and choledocholithiasis. Hepatology, 2011, 53, 875-884.	7.3	143
8	A Dynamic Network Model of mTOR Signaling Reveals TSC-Independent mTORC2 Regulation. Science Signaling, 2012, 5, ra25.	3.6	120
9	A systems study reveals concurrent activation of AMPK and mTOR by amino acids. Nature Communications, 2016, 7, 13254.	12.8	113
10	Podocytes maintain high basal levels of autophagy independent of mtor signaling. Autophagy, 2020, 16, 1932-1948.	9.1	69
11	G3BPs tether the TSC complex to lysosomes and suppress mTORC1 signaling. Cell, 2021, 184, 655-674.e27.	28.9	65
12	PLK1 (polo like kinase 1) inhibits MTOR complex 1 and promotes autophagy. Autophagy, 2017, 13, 486-505.	9.1	63
13	Molecular mechanisms of mTOR regulation by stress. Molecular and Cellular Oncology, 2015, 2, e970489.	0.7	62
14	Upregulation of tryptophanyl-tRNA synthethase adapts human cancer cells to nutritional stress caused by tryptophan degradation. OncoImmunology, 2018, 7, e1486353.	4.6	62
15	PI3Kâ€p110â€alphaâ€subtype signalling mediates survival, proliferation and neurogenesis of cortical progenitor cells via activation of <scp>mTORC</scp>2. Journal of Neurochemistry, 2014, 130, 255-267.	3.9	55
16	TSC1 Activates TGF-Î²-Smad2/3 Signaling in Growth Arrest and Epithelial-to-Mesenchymal Transition. Developmental Cell, 2015, 32, 617-630.	7.0	54
17	Tomatidine, a novel antiviral compound towards dengue virus. Antiviral Research, 2019, 161, 90-99.	4.1	51
18	The PI3K and MAPK/p38 pathways control stress granule assembly in a hierarchical manner. Life Science Alliance, 2019, 2, e201800257.	2.8	49

#	Article	IF	Citations
19	A modellingâ€“experimental approach reveals insulin receptor substrate (IRS)â€dependent regulation of adenosine monosphosphateâ€dependent kinase (AMPK) by insulin. FEBS Journal, 2012, 279, 3314-3328.	4.7	45
20	T cell receptor-mediated activation is a potent inducer of macroautophagy in human CD8+CD28+ T cells but not in CD8+CD28â^' T cells. Experimental Gerontology, 2014, 54, 75-83.	2.8	45
21	Oncogenic Î²-catenin and PIK3CA instruct network states and cancer phenotypes in intestinal organoids. Journal of Cell Biology, 2017, 216, 1567-1577.	5.2	29
22	Fine-Tuning Cardiac Insulin-Like Growth Factor 1 Receptor Signaling to Promote Health and Longevity. Circulation, 2022, 145, 1853-1866.	1.6	29
23	PI(18:1/18:1) is a SCD1-derived lipokine that limits stress signaling. Nature Communications, 2022, 13, .	12.8	23
24	The TSC Complex-mTORC1 Axis: From Lysosomes to Stress Granules and Back. Frontiers in Cell and Developmental Biology, 2021, 9, 751892.	3.7	22
25	Functional Proteomics Identifies Acinus L as a Direct Insulin- and Amino Acid-Dependent Mammalian Target of Rapamycin Complex 1 (mTORC1) Substrate. Molecular and Cellular Proteomics, 2015, 14, 2042-2055.	3.8	18
26	Differential control of ageing and lifespan by isoforms and splice variants across the mTOR network. Essays in Biochemistry, 2017, 61, 349-368.	4.7	10
27	TGFÎ²-Signaling and FOXG1-Expression Are a Hallmark of Astrocyte Lineage Diversity in the Murine Ventral and Dorsal Forebrain. Frontiers in Cellular Neuroscience, 2018, 12, 448.	3.7	10
28	Partially non-homogeneous dynamic Bayesian networks based on Bayesian regression models with partitioned design matrices. Bioinformatics, 2019, 35, 2108-2117.	4.1	9
29	Breaking the Interface: Efficient Extraction of Magnetic Beads from Nanoliter Droplets for Automated Sequential Immunoassays. Analytical Chemistry, 2020, 92, 10283-10290.	6.5	9
30	mTORC1 Crosstalk With Stress Granules in Aging and Age-Related Diseases. Frontiers in Aging, 2021, 2, .	2.6	9
31	CGEF-1 regulates mTORC1 signaling during adult longevity and stress response in C. elegans. Oncotarget, 2018, 9, 9581-9595.	1.8	7
32	The SZT2 Interactome Unravels New Functions of the KICSTOR Complex. Cells, 2021, 10, 2711.	4.1	7
33	Finding new edges: systems approaches to MTOR signaling. Biochemical Society Transactions, 2021, 49, 41-54.	3.4	4
34	Translational Control by Amino Acids and Energy. , 2010, , 2285-2293.		3
35	Combined Metabolic and Chemical (CoMetChem) Labeling Using Stable Isotopesâ€”a Strategy to Reveal Site-Specific Histone Acetylation and Deacetylation Rates by LCâ€“MS. Analytical Chemistry, 2021, 93, 12872-12880.	6.5	2
36	Response to Comment on â€œA Dynamic Network Model of mTOR Signaling Reveals TSC-Independent mTORC2 Regulationâ€: Building a Model of the mTOR Signaling Network with a Potentially Faulty Tool. Science Signaling, 2012, 5, .	3.6	1