

# Kathrin Thedieck

## List of Publications by Year in descending order

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36  
papers

2,565  
citations

331670

21  
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361022

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all docs

41  
docs citations

41  
times ranked

5209  
citing authors

#	ARTICLE	IF	CITATIONS
1	PI(18:1/18:1) is a SCD1-derived lipokine that limits stress signaling. <i>Nature Communications</i> , 2022, 13, .	12.8	23
2	Fine-Tuning Cardiac Insulin-Like Growth Factor 1 Receptor Signaling to Promote Health and Longevity. <i>Circulation</i> , 2022, 145, 1853-1866.	1.6	29
3	G3BPs tether the TSC complex to lysosomes and suppress mTORC1 signaling. <i>Cell</i> , 2021, 184, 655-674.e27.	28.9	65
4	Finding new edges: systems approaches to MTOR signaling. <i>Biochemical Society Transactions</i> , 2021, 49, 41-54.	3.4	4
5	Combined Metabolic and Chemical (CoMetChem) Labeling Using Stable Isotopes—a Strategy to Reveal Site-Specific Histone Acetylation and Deacetylation Rates by LC-MS. <i>Analytical Chemistry</i> , 2021, 93, 12872-12880.	6.5	2
6	The SZT2 Interactome Unravels New Functions of the KICSTOR Complex. <i>Cells</i> , 2021, 10, 2711.	4.1	7
7	mTORC1 Crosstalk With Stress Granules in Aging and Age-Related Diseases. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	9
8	The TSC Complex-mTORC1 Axis: From Lysosomes to Stress Granules and Back. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 751892.	3.7	22
9	Podocytes maintain high basal levels of autophagy independent of mtor signaling. <i>Autophagy</i> , 2020, 16, 1932-1948.	9.1	69
10	IL4I1 Is a Metabolic Immune Checkpoint that Activates the AHR and Promotes Tumor Progression. <i>Cell</i> , 2020, 182, 1252-1270.e34.	28.9	259
11	Breaking the Interface: Efficient Extraction of Magnetic Beads from Nanoliter Droplets for Automated Sequential Immunoassays. <i>Analytical Chemistry</i> , 2020, 92, 10283-10290.	6.5	9
12	Partially non-homogeneous dynamic Bayesian networks based on Bayesian regression models with partitioned design matrices. <i>Bioinformatics</i> , 2019, 35, 2108-2117.	4.1	9
13	Tomatidine, a novel antiviral compound towards dengue virus. <i>Antiviral Research</i> , 2019, 161, 90-99.	4.1	51
14	The PI3K and MAPK/p38 pathways control stress granule assembly in a hierarchical manner. <i>Life Science Alliance</i> , 2019, 2, e201800257.	2.8	49
15	TGF $\beta$ -Signaling and FOXC1-Expression Are a Hallmark of Astrocyte Lineage Diversity in the Murine Ventral and Dorsal Forebrain. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 448.	3.7	10
16	CGEF-1 regulates mTORC1 signaling during adult longevity and stress response in <i>C. elegans</i> . <i>Oncotarget</i> , 2018, 9, 9581-9595.	1.8	7
17	Upregulation of tryptophanyl-tRNA synthetase adapts human cancer cells to nutritional stress caused by tryptophan degradation. <i>Oncotarget</i> , 2018, 7, e1486353.	4.6	62
18	PLK1 (polo like kinase 1) inhibits MTOR complex 1 and promotes autophagy. <i>Autophagy</i> , 2017, 13, 486-505.	9.1	63

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19	Oncogenic $\beta$ -catenin and PIK3CA instruct network states and cancer phenotypes in intestinal organoids. <i>Journal of Cell Biology</i> , 2017, 216, 1567-1577.	5.2	29
20	Differential control of ageing and lifespan by isoforms and splice variants across the mTOR network. <i>Essays in Biochemistry</i> , 2017, 61, 349-368.	4.7	10
21	Tumor-Intrinsic PD-L1 Signals Regulate Cell Growth, Pathogenesis, and Autophagy in Ovarian Cancer and Melanoma. <i>Cancer Research</i> , 2016, 76, 6964-6974.	0.9	294
22	A systems study reveals concurrent activation of AMPK and mTOR by amino acids. <i>Nature Communications</i> , 2016, 7, 13254.	12.8	113
23	TSC1 Activates TGF- $\beta$ -Smad2/3 Signaling in Growth Arrest and Epithelial-to-Mesenchymal Transition. <i>Developmental Cell</i> , 2015, 32, 617-630.	7.0	54
24	Functional Proteomics Identifies Acinus L as a Direct Insulin- and Amino Acid-Dependent Mammalian Target of Rapamycin Complex 1 (mTORC1) Substrate. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2042-2055.	3.8	18
25	Molecular mechanisms of mTOR regulation by stress. <i>Molecular and Cellular Oncology</i> , 2015, 2, e970489.	0.7	62
26	PI3K $\alpha$ 110 $\alpha$ subtype signalling mediates survival, proliferation and neurogenesis of cortical progenitor cells via activation of mTORC2. <i>Journal of Neurochemistry</i> , 2014, 130, 255-267.	3.9	55
27	T cell receptor-mediated activation is a potent inducer of macroautophagy in human CD8+CD28+ T cells but not in CD8+CD28 <sup>-</sup> T cells. <i>Experimental Gerontology</i> , 2014, 54, 75-83.	2.8	45
28	Inhibition of mTORC1 by Astrin and Stress Granules Prevents Apoptosis in Cancer Cells. <i>Cell</i> , 2013, 154, 859-874.	28.9	243
29	Response to Comment on "A Dynamic Network Model of mTOR Signaling Reveals TSC-Independent mTORC2 Regulation" Building a Model of the mTOR Signaling Network with a Potentially Faulty Tool. <i>Science Signaling</i> , 2012, 5, .	3.6	1
30	A Dynamic Network Model of mTOR Signaling Reveals TSC-Independent mTORC2 Regulation. <i>Science Signaling</i> , 2012, 5, ra25.	3.6	120
31	A modelling <sup>in silico</sup> experimental approach reveals insulin receptor substrate (IRS)-dependent regulation of adenosine monophosphate-dependent kinase (AMPK) by insulin. <i>FEBS Journal</i> , 2012, 279, 3314-3328.	4.7	45
32	Bile proteomic profiles differentiate cholangiocarcinoma from primary sclerosing cholangitis and choledocholithiasis. <i>Hepatology</i> , 2011, 53, 875-884.	7.3	143
33	Translational Control by Amino Acids and Energy. , 2010, , 2285-2293.		3
34	Proteins induced by telomere dysfunction and DNA damage represent biomarkers of human aging and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11299-11304.	7.1	151
35	PRAS40 and PRR5-Like Protein Are New mTOR Interactors that Regulate Apoptosis. <i>PLoS ONE</i> , 2007, 2, e1217.	2.5	248
36	The MprF protein is required for lysinylation of phospholipids in listerial membranes and confers resistance to cationic antimicrobial peptides (CAMPs) on <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2006, 62, 1325-1339.	2.5	181