

# Anja Zeigerer

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

3,721  
citations

361045

20  
h-index

476904

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

5643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Image-based analysis of lipid nanoparticle-mediated siRNA delivery, intracellular trafficking and endosomal escape. <i>Nature Biotechnology</i> , 2013, 31, 638-646.	9.4	1,060
2	Targeted Delivery of RNAi Therapeutics With Endogenous and Exogenous Ligand-Based Mechanisms. <i>Molecular Therapy</i> , 2010, 18, 1357-1364.	3.7	831
3	Rab5 is necessary for the biogenesis of the endolysosomal system in vivo. <i>Nature</i> , 2012, 485, 465-470.	13.7	322
4	Insulin Stimulation of GLUT4 Exocytosis, but Not Its Inhibition of Endocytosis, Is Dependent on RabGAP AS160. <i>Molecular Biology of the Cell</i> , 2004, 15, 4406-4415.	0.9	197
5	GLUT4 Is Retained by an Intracellular Cycle of Vesicle Formation and Fusion with Endosomes. <i>Molecular Biology of the Cell</i> , 2004, 15, 870-882.	0.9	164
6	GLUT4 Retention in Adipocytes Requires Two Intracellular Insulin-regulated Transport Steps. <i>Molecular Biology of the Cell</i> , 2002, 13, 2421-2435.	0.9	158
7	Organellar Proteomics and Phospho-Proteomics Reveal Subcellular Reorganization in Diet-Induced Hepatic Steatosis. <i>Developmental Cell</i> , 2018, 47, 205-221.e7.	3.1	132
8	Insulin-regulated Release from the Endosomal Recycling Compartment Is Regulated by Budding of Specialized Vesicles. <i>Molecular Biology of the Cell</i> , 2001, 12, 3489-3501.	0.9	119
9	Hepatic lipid droplet homeostasis and fatty liver disease. <i>Seminars in Cell and Developmental Biology</i> , 2020, 108, 72-81.	2.3	88
10	Prediction of human drug-induced liver injury (DILI) in relation to oral doses and blood concentrations. <i>Archives of Toxicology</i> , 2019, 93, 1609-1637.	1.9	86
11	Nanoparticle-formulated siRNA targeting integrins inhibits hepatocellular carcinoma progression in mice. <i>Nature Communications</i> , 2014, 5, 3869.	5.8	76
12	Functional properties of hepatocytes in vitro are correlated with cell polarity maintenance. <i>Experimental Cell Research</i> , 2017, 350, 242-252.	1.2	73
13	Identification of siRNA delivery enhancers by a chemical library screen. <i>Nucleic Acids Research</i> , 2015, 43, 7984-8001.	6.5	58
14	Glucose homeostasis is regulated by pancreatic $\beta$ -cell cilia via endosomal EphA-processing. <i>Nature Communications</i> , 2019, 10, 5686.	5.8	54
15	Regulation of Liver Metabolism by the Endosomal GTPase Rab5. <i>Cell Reports</i> , 2015, 11, 884-892.	2.9	47
16	Insulin regulates leptin secretion from 3T3-L1 adipocytes by a PI 3 kinase independent mechanism. <i>Experimental Cell Research</i> , 2008, 314, 2249-2256.	1.2	46
17	Spatiotemporal GLP-1 and GIP receptor signaling and trafficking/recycling dynamics induced by selected receptor mono- and dual-agonists. <i>Molecular Metabolism</i> , 2021, 49, 101181.	3.0	39
18	A macrophage-hepatocyte glucocorticoid receptor axis coordinates fasting ketogenesis. <i>Cell Metabolism</i> , 2022, 34, 473-486.e9.	7.2	34

#	ARTICLE	IF	CITATIONS
19	Hepatic Rab24 controls blood glucose homeostasis via improving mitochondrial plasticity. <i>Nature Metabolism</i> , 2019, 1, 1009-1026.	5.1	27
20	Metabolic regulation through the endosomal system. <i>Traffic</i> , 2019, 20, 552-570.	1.3	27
21	Glucagon's Metabolic Action in Health and Disease. , 2021, 11, 1759-1783.		21
22	Chemical genetic screen identifies Gapex-5/GAPVD1 and STBD1 as novel AMPK substrates. <i>Cellular Signalling</i> , 2019, 57, 45-57.	1.7	18
23	Combination therapies induce cancer cell death through the integrated stress response and disturbed pyrimidine metabolism. <i>EMBO Molecular Medicine</i> , 2021, 13, e12461.	3.3	12
24	NAFLD - A rising metabolic disease. <i>Molecular Metabolism</i> , 2021, 50, 101274.	3.0	10
25	A Hepatic GAbp-AMPK Axis Links Inflammatory Signaling to Systemic Vascular Damage. <i>Cell Reports</i> , 2017, 20, 1422-1434.	2.9	7
26	Acute loss of the hepatic endo-lysosomal system in vivo causes compensatory changes in iron homeostasis. <i>Scientific Reports</i> , 2017, 7, 4023.	1.6	4
27	RNA sequencing reveals niche gene expression effects of beta-hydroxybutyrate in primary myotubes. <i>Life Science Alliance</i> , 2021, 4, e202101037.	1.3	4
28	Hepatocyte-specific activity of TSC22D4 triggers progressive NAFLD by impairing mitochondrial function. <i>Molecular Metabolism</i> , 2022, 60, 101487.	3.0	3
29	Career pathways, part 2. <i>Nature Metabolism</i> , 2020, 2, 651-652.	5.1	0