

Karen van Eunen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/288508/publications.pdf>

Version: 2024-02-01

20
papers

4,938
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

9466
citing authors

#	ARTICLE	IF	CITATIONS
1	The discovAIR project: a roadmap towards the Human Lung Cell Atlas. <i>European Respiratory Journal</i> , 2022, 60, 2102057.	6.7	15
2	Impaired Very-Low-Density Lipoprotein catabolism links hypoglycemia to hypertriglyceridemia in Glycogen Storage Disease type Ia. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 879-892.	3.6	13
3	Simultaneous Induction of Glycolysis and Oxidative Phosphorylation during Activation of Hepatic Stellate Cells Reveals Novel Mitochondrial Targets to Treat Liver Fibrosis. <i>Cells</i> , 2020, 9, 2456.	4.1	25
4	Oncogenic β -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
5	The promiscuous enzyme medium-chain 3-keto-acyl-CoA thiolase triggers a vicious cycle in fatty-acid beta-oxidation. <i>PLoS Computational Biology</i> , 2017, 13, e1005461.	3.2	23
6	Translational Targeted Proteomics Profiling of Mitochondrial Energy Metabolic Pathways in Mouse and Human Samples. <i>Journal of Proteome Research</i> , 2016, 15, 3204-3213.	3.7	40
7	A systems study reveals concurrent activation of AMPK and mTOR by amino acids. <i>Nature Communications</i> , 2016, 7, 13254.	12.8	113
8	Living on the edge: substrate competition explains loss of robustness in mitochondrial fatty-acid oxidation disorders. <i>BMC Biology</i> , 2016, 14, 107.	3.8	27
9	Protection against the Metabolic Syndrome by Guar Gum-Derived Short-Chain Fatty Acids Depends on Peroxisome Proliferator-Activated Receptor β and Glucagon-Like Peptide-1. <i>PLoS ONE</i> , 2015, 10, e0136364.	2.5	97
10	Short-Chain Fatty Acids Protect Against High-Fat Diet-Induced Obesity via a PPAR β -Dependent Switch From Lipogenesis to Fat Oxidation. <i>Diabetes</i> , 2015, 64, 2398-2408.	0.6	734
11	Molecular mechanisms of mTOR regulation by stress. <i>Molecular and Cellular Oncology</i> , 2015, 2, e970489.	0.7	62
12	The importance and challenges of in vivo-like enzyme kinetics. <i>Perspectives in Science</i> , 2014, 1, 126-130.	0.6	39
13	The Short-Chain Fatty Acid Uptake Fluxes by Mice on a Guar Gum Supplemented Diet Associate with Amelioration of Major Biomarkers of the Metabolic Syndrome. <i>PLoS ONE</i> , 2014, 9, e107392.	2.5	63
14	The role of short-chain fatty acids in the interplay between diet, gut microbiota, and host energy metabolism. <i>Journal of Lipid Research</i> , 2013, 54, 2325-2340.	4.2	3,292
15	Biochemical Competition Makes Fatty-Acid β -Oxidation Vulnerable to Substrate Overload. <i>PLoS Computational Biology</i> , 2013, 9, e1003186.	3.2	58
16	Testing Biochemistry Revisited: How In Vivo Metabolism Can Be Understood from In Vitro Enzyme Kinetics. <i>PLoS Computational Biology</i> , 2012, 8, e1002483.	3.2	88
17	Metabolic regulation rather than <i>de novo</i> enzyme synthesis dominates the osmoadaptation of yeast. <i>Yeast</i> , 2011, 28, 43-53.	1.7	37
18	Quantitative Analysis of Flux Regulation Through Hierarchical Regulation Analysis. <i>Methods in Enzymology</i> , 2011, 500, 571-595.	1.0	12

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19	Measuring enzyme activities under standardized <i>in vivo</i> -like conditions for systems biology. FEBS Journal, 2010, 277, 749-760.	4.7	147
20	Time-dependent regulation analysis dissects shifts between metabolic and gene expression regulation during nitrogen starvation in baker's yeast. FEBS Journal, 2009, 276, 5521-5536.	4.7	24