

# Avlant Nilsson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6929792/publications.pdf>

Version: 2024-02-01

13  
papers

1,558  
citations

933264

10  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

2204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural networks enable genome-scale simulations of intracellular signaling. Nature Communications, 2022, 13, .	5.8	17
2	Quantitative analysis of amino acid metabolism in liver cancer links glutamate excretion to nucleotide synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10294-10304.	3.3	45
3	An atlas of human metabolism. Science Signaling, 2020, 13, .	1.6	223
4	Complex I is bypassed during high intensity exercise. Nature Communications, 2019, 10, 5072.	5.8	32
5	Recon3D enables a three-dimensional view of gene variation in human metabolism. Nature Biotechnology, 2018, 36, 272-281.	9.4	520
6	Metabolite Depletion Affects Flux Profiling of Cell Lines. Trends in Biochemical Sciences, 2018, 43, 395-397.	3.7	8
7	Improving the phenotype predictions of a yeast genome-scale metabolic model by incorporating enzymatic constraints. Molecular Systems Biology, 2017, 13, 935.	3.2	367
8	Predicting growth of the healthy infant using a genome scale metabolic model. Npj Systems Biology and Applications, 2017, 3, 3.	1.4	22
9	Genome scale metabolic modeling of cancer. Metabolic Engineering, 2017, 43, 103-112.	3.6	87
10	Metabolic Models of Protein Allocation Call for the Kinetome. Cell Systems, 2017, 5, 538-541.	2.9	71
11	Metabolic Trade-offs in Yeast are Caused by F1FO-ATP synthase. Scientific Reports, 2016, 6, 22264.	1.6	121
12	BioMet Toolbox 2.0: genome-wide analysis of metabolism and omics data. Nucleic Acids Research, 2014, 42, W175-W181.	6.5	40
13	A dedicated database system for handling multi-level data in systems biology. Source Code for Biology and Medicine, 2014, 9, 17.	1.7	2