

Stefania Magnusdottir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/721017/publications.pdf>

Version: 2024-02-01

12
papers

2,656
citations

932766

10
h-index

1125271

13
g-index

18
all docs

18
docs citations

18
times ranked

3961
citing authors

#	ARTICLE	IF	CITATIONS
1	Creation and analysis of biochemical constraint-based models using the COBRA Toolbox v.3.0. <i>Nature Protocols</i> , 2019, 14, 639-702.	5.5	833
2	Generation of genome-scale metabolic reconstructions for 773 members of the human gut microbiota. <i>Nature Biotechnology</i> , 2017, 35, 81-89.	9.4	629
3	Systematic genome assessment of B-vitamin biosynthesis suggests co-operation among gut microbes. <i>Frontiers in Genetics</i> , 2015, 6, 148.	1.1	565
4	The Virtual Metabolic Human database: integrating human and gut microbiome metabolism with nutrition and disease. <i>Nucleic Acids Research</i> , 2019, 47, D614-D624.	6.5	257
5	Modeling metabolism of the human gut microbiome. <i>Current Opinion in Biotechnology</i> , 2018, 51, 90-96.	3.3	122
6	The Microbiome Modeling Toolbox: from microbial interactions to personalized microbial communities. <i>Bioinformatics</i> , 2019, 35, 2332-2334.	1.8	102
7	Phenotypic differentiation of gastrointestinal microbes is reflected in their encoded metabolic repertoires. <i>Microbiome</i> , 2015, 3, 55.	4.9	41
8	Binding proteins enhance specific uptake rate by increasing the substrate-transporter encounter rate. <i>FEBS Journal</i> , 2015, 282, 2394-2407.	2.2	23
9	MetaboShiny: interactive analysis and metabolite annotation of mass spectrometry-based metabolomics data. <i>Metabolomics</i> , 2020, 16, 99.	1.4	15
10	DEMETER: efficient simultaneous curation of genome-scale reconstructions guided by experimental data and refined gene annotations. <i>Bioinformatics</i> , 2021, 37, 3974-3975.	1.8	13
11	Reply to "Challenges in modeling the human gut microbiome". <i>Nature Biotechnology</i> , 2018, 36, 686-691.	9.4	12
12	Ablation of liver Fxr results in an increased colonic mucus barrier in mice. <i>JHEP Reports</i> , 2021, 3, 100344.	2.6	11