Stefania Magnusdottir

List of Publications by Year
in descending order

12	2,656	932766 10	1125271 13
papers	citations	h-index	g-index

18	18	18	3961
all docs	docs citations	times ranked	citing authors

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