Xin Fang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10740690/publications.pdf

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24	716	840119 11	1058022 14
papers	citations	h-index	g-index

25	25	25	1008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gastrointestinal Surgery for Inflammatory Bowel Disease Persistently Lowers Microbiome and Metabolome Diversity. Inflammatory Bowel Diseases, 2021, 27, 603-616.	0.9	25
2	A workflow for generating multi-strain genome-scale metabolic models of prokaryotes. Nature Protocols, 2020, 15, 1-14.	5.5	62
3	Reconstructing organisms in silico: genome-scale models and their emerging applications. Nature Reviews Microbiology, 2020, 18, 731-743.	13.6	158
4	Reconstruction and Validation of a Genome-Scale Metabolic Model of Streptococcus oralis (iCJ415), a Human Commensal and Opportunistic Pathogen. Frontiers in Genetics, 2020, 11, 116.	1.1	11
5	Adaptations of Escherichia coli strains to oxidative stress are reflected in properties of their structural proteomes. BMC Bioinformatics, 2020, 21, 162.	1.2	5
6	Adaptive laboratory evolution of Escherichia coli under acid stress. Microbiology (United Kingdom), 2020, 166, 141-148.	0.7	28
7	Genome-scale metabolic models highlight stage-specific differences in essential metabolic pathways in Trypanosoma cruzi. PLoS Neglected Tropical Diseases, 2020, 14, e0008728.	1.3	8
8	Title is missing!. , 2020, 14, e0008728.		0
9	Title is missing!. , 2020, 14, e0008728.		0
10	Title is missing!. , 2020, 14, e0008728.		0
11	Title is missing!. , 2020, 14, e0008728.		0
12	Title is missing!. , 2020, 14, e0008728.		0
13	Title is missing!. , 2020, 14, e0008728.		0
14	Genome-scale model of metabolism and gene expression provides a multi-scale description of acid stress responses in Escherichia coli. PLoS Computational Biology, 2019, 15, e1007525.	1.5	37
15	Title is missing!. , 2019, 15, e1007525.		0
16	Title is missing!. , 2019, 15, e1007525.		0
17	Title is missing!. , 2019, 15, e1007525.		0
18	Title is missing!. , 2019, 15, e1007525.		0

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19	Metagenomics-Based, Strain-Level Analysis of Escherichia coli From a Time-Series of Microbiome Samples From a Crohn's Disease Patient. Frontiers in Microbiology, 2018, 9, 2559.	1.5	37
20	Genome-scale metabolic reconstructions of multiple Salmonella strains reveal serovar-specific metabolic traits. Nature Communications, 2018, 9, 3771.	5.8	109
21	Escherichia coli B2 strains prevalent in inflammatory bowel disease patients have distinct metabolic capabilities that enable colonization of intestinal mucosa. BMC Systems Biology, 2018, 12, 66.	3.0	39
22	Systematic discovery of uncharacterized transcription factors in Escherichia coli K-12 MG1655. Nucleic Acids Research, 2018, 46, 10682-10696.	6.5	65
23	A unified resource for transcriptional regulation in Escherichia coli K-12 incorporating high-throughput-generated binding data into RegulonDB version 10.0. BMC Biology, 2018, 16, 91.	1.7	42
24	Global transcriptional regulatory network for Escherichia coli robustly connects gene expression to transcription factor activities. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10286-10291.	3.3	89