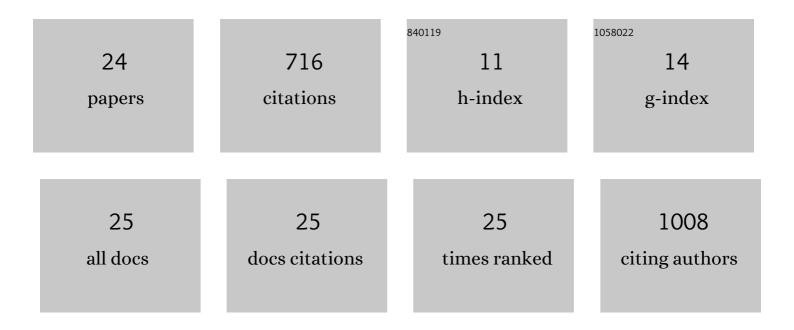
Xin Fang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10740690/publications.pdf Version: 2024-02-01



XIN FANC

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Reconstructing organisms in silico: genome-scale models and their emerging applications. Nature Reviews Microbiology, 2020, 18, 731-743. | 13.6 | 158 |
| 2 | Genome-scale metabolic reconstructions of multiple Salmonella strains reveal serovar-specific metabolic traits. Nature Communications, 2018, 9, 3771. | 5.8 | 109 |
| 3 | Global transcriptional regulatory network for <i>Escherichia coli</i> 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 |
| 4 | Systematic discovery of uncharacterized transcription factors in Escherichia coli K-12 MG1655. Nucleic Acids Research, 2018, 46, 10682-10696. | 6.5 | 65 |
| 5 | A workflow for generating multi-strain genome-scale metabolic models of prokaryotes. Nature Protocols, 2020, 15, 1-14. | 5.5 | 62 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Adaptive laboratory evolution of Escherichia coli under acid stress. Microbiology (United Kingdom), 2020, 166, 141-148. | 0.7 | 28 |
| 11 | Gastrointestinal Surgery for Inflammatory Bowel Disease Persistently Lowers Microbiome and Metabolome Diversity. Inflammatory Bowel Diseases, 2021, 27, 603-616. | 0.9 | 25 |
| 12 | 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 |
| 13 | 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 |
| 14 | Adaptations of Escherichia coli strains to oxidative stress are reflected in properties of their structural proteomes. BMC Bioinformatics, 2020, 21, 162. | 1.2 | 5 |
| 15 | Title is missing!. , 2019, 15, e1007525. | | 0 |
| 16 | Title is missing!. , 2019, 15, e1007525. | | 0 |
| 17 | Title is missing!. , 2019, 15, e1007525. | | 0 |
| | | | |

2

Xin Fang

