Tao Cui

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4212401/publications.pdf

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16	582	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecule Targeting Glucosyltransferase Inhibits Streptococcus mutans Biofilm Formation and Virulence. Antimicrobial Agents and Chemotherapy, 2016, 60, 126-135.	3.2	117
2	Global Proteinâ^'Protein Interaction Network in the Human Pathogen Mycobacterium tuberculosis H37Rv. Journal of Proteome Research, 2010, 9, 6665-6677.	3.7	104
3	Uncovering new signaling proteins and potential drug targets through the interactome analysis of Mycobacterium tuberculosis. BMC Genomics, 2009, 10, 118.	2.8	79
4	Mechanistic insights into transferable polymyxin resistance among gut bacteria. Journal of Biological Chemistry, 2018, 293, 4350-4365.	3.4	68
5	A TetR-like regulator broadly affects the expressions of diverse genes in Mycobacterium smegmatis. Nucleic Acids Research, 2012, 40, 1009-1020.	14.5	57
6	Cyclic diguanylate monophosphate directly binds to human siderocalin and inhibits its antibacterial activity. Nature Communications, 2015, 6, 8330.	12.8	48
7	NapM, a new nucleoidâ€associated protein, broadly regulates gene expression and affects mycobacterial resistance to antiâ€tuberculosis drugs. Molecular Microbiology, 2016, 101, 167-181.	2.5	25
8	A Genome-Wide Regulatorâ€“DNA Interaction Network in the Human Pathogen Mycobacterium tuberculosis H37Rv. Journal of Proteome Research, 2012, 11, 4682-4692.	3.7	19
9	Cyclic di-GMP integrates functionally divergent transcription factors into a regulation pathway for antioxidant defense. Nucleic Acids Research, 2018, 46, 7270-7283.	14.5	17
10	Cyclic Dimeric Guanosine Monophosphate: Activation and Inhibition of Innate Immune Response. Journal of Innate Immunity, 2019, 11, 242-248.	3.8	13
11	Uncovering New Pathogenâ€“Host Proteinâ€“Protein Interactions by Pairwise Structure Similarity. PLoS ONE, 2016, 11, e0147612.	2.5	13
12	Biochemical and structural characterization of the BioZ enzyme engaged in bacterial biotin synthesis pathway. Nature Communications, 2021, 12, 2056.	12.8	9
13	Improved understanding of pathogenesis from protein interactions inMycobacteriumtuberculosis. Expert Review of Proteomics, 2014, 11, 745-755.	3.0	6
14	C-di-GMP signaling and implications for pathogenesis of Mycobacterium tuberculosis. Science Bulletin, 2012, 57, 4387-4393.	1.7	4
15	Uncovering Drug Mechanism of Action by Proteome Wide- Identification of Drug-Binding Proteins. Medicinal Chemistry, 2017, 13, 526-535.	1.5	2
16	Dehydroquinate Synthase Directly Binds to Streptomycin and Regulates Susceptibility of Mycobacterium bovis to Streptomycin in a Non-canonical Mode. Frontiers in Microbiology, 2022, 13, 818881.	3.5	1