Soma Ghosh

List of Publications by Year
in descending order

12	326	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beyond Paralogs: The Multiple Layers of Redundancy in Bacterial Pathogenesis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 467.	3.9	84
2	Combinatorial selection in amoebal hosts drives the evolution of the human pathogen Legionella pneumophila. Nature Microbiology, 2020, 5, 599-609.	13.3	78
3	Protein Structure and Function: Looking through the Network of Side-Chain Interactions. Current Protein and Peptide Science, 2015, 17, 4-25.	1.4	51
4	Network properties of decoys and CASP predicted models: a comparison with native protein structures. Molecular BioSystems, 2013, 9, 1774.	2.9	21
5	An analysis and evaluation of the WeFold collaborative for protein structure prediction and its pipelines in CASP11 and CASP12. Scientific Reports, 2018, 8, 9939.	3.3	19
6	A multi-level multi-scale approach to study essential genes in Mycobacterium tuberculosis. BMC Systems Biology, 2013, 7, 132.	3.0	17
7	Iron Limitation Triggers Early Egress by the Intracellular Bacterial Pathogen Legionella pneumophila. Infection and Immunity, 2016, 84, 2185-2197.	2.2	17
8	Rule-based modelling of iron homeostasis in tuberculosis. Molecular BioSystems, 2011, 7, 2750.	2.9	13
9	Mechanism of Iron-Dependent Repressor (IdeR) Activation and DNA Binding: A Molecular Dynamics and Protein Structure Network Study. PLoS Computational Biology, 2015, 11, e1004500.	3.2	13
10	Ranking the quality of protein structure models using sidechain based network properties. F1000Research, 2014, 3, 17.	1.6	11
11	Weighting schemes in metabolic graphs for identifying biochemical routes. Systems and Synthetic Biology, 2014, 8, 47-57.	1.0	2
12	Systems Approaches to Study Infectious Diseases. , 2015, , 151-172.		0