

Rahul Siddharthan

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

717
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933447

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713466

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all docs

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docs citations

37
times ranked

957
citing authors

#	ARTICLE	IF	CITATIONS
1	PhyloGibbs: A Gibbs Sampling Motif Finder That Incorporates Phylogeny. PLoS Computational Biology, 2005, 1, e67.	3.2	236
2	Rapid evolution of Cse4p-rich centromeric DNA sequences in closely related pathogenic yeasts, <i>Candida albicans</i> and <i>Candida dubliniensis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19797-19802.	7.1	81
3	Dinucleotide Weight Matrices for Predicting Transcription Factor Binding Sites: Generalizing the Position Weight Matrix. PLoS ONE, 2010, 5, e9722.	2.5	80
4	Repeat-Associated Fission Yeast-Like Regional Centromeres in the Ascomycetous Budding Yeast <i>Candida tropicalis</i> . PLoS Genetics, 2016, 12, e1005839.	3.5	56
5	Proteogenomics produces comprehensive and highly accurate protein-coding gene annotation in a complete genome assembly of <i>Malassezia sympodialis</i> . Nucleic Acids Research, 2017, 45, gkx006.	14.5	47
6	Loss of centromere function drives karyotype evolution in closely related <i>Malassezia</i> species. ELife, 2020, 9, .	6.0	45
7	Gene Expression From Random Libraries of Yeast Promoters. Genetics, 2006, 172, 2113-2122.	2.9	26
8	PhyloGibbs-MP: Module Prediction and Discriminative Motif-Finding by Gibbs Sampling. PLoS Computational Biology, 2008, 4, e1000156.	3.2	22
9	The TAF9 C-Terminal Conserved Region Domain Is Required for SAGA and TFIID Promoter Occupancy To Promote Transcriptional Activation. Molecular and Cellular Biology, 2014, 34, 1547-1563.	2.3	21
10	Dynamical Mean-Field Theory of Resonating-Valence-Bond Antiferromagnets. Physical Review Letters, 2001, 87, 277203.	7.8	20
11	Functional and Comparative Analysis of Centromeres Reveals Clade-Specific Genome Rearrangements in <i>Candida auris</i> and a Chromosome Number Change in Related Species. MBio, 2021, 12, .	4.1	11
12	The Complex Spatio-Temporal Regulation of the <i>Drosophila</i> Myoblast Attractant Gene <i>duf/kirre</i> . PLoS ONE, 2009, 4, e6960.	2.5	9
13	Detection of cooperatively bound transcription factor pairs using ChIP-seq peak intensities and expectation maximization. PLoS ONE, 2018, 13, e0199771.	2.5	9
14	ChIPulate: A comprehensive ChIP-seq simulation pipeline. PLoS Computational Biology, 2019, 15, e1006921.	3.2	9
15	ClalD: a Rapid Method of Clade-Level Identification of the Multidrug Resistant Human Fungal Pathogen <i>Candida auris</i> . Microbiology Spectrum, 2022, 10, e0063422.	3.0	7
16	Machine learning prediction of non-attendance to postpartum glucose screening and subsequent risk of type 2 diabetes following gestational diabetes. PLoS ONE, 2022, 17, e0264648.	2.5	7
17	Quantizing the Toda lattice. Physical Review B, 1997, 55, 12196-12209.	3.2	6
18	Orc4 spatiotemporally stabilizes centromeric chromatin. Genome Research, 2021, 31, 607-621.	5.5	5

#	ARTICLE	IF	CITATIONS
19	THiCweed: fast, sensitive detection of sequence features by clustering big datasets. <i>Nucleic Acids Research</i> , 2018, 46, e29-e29.	14.5	4
20	Exact ground state and kink-like excitations of a two-dimensional Heisenberg antiferromagnet. <i>Physical Review B</i> , 1999, 60, R9904-R9907.	3.2	2
21	Parsing regulatory DNA: General tasks, techniques, and the PhyloGibbs approach. <i>Journal of Biosciences</i> , 2007, 32, 863-870.	1.1	2
22	Eastern creeds are less dogmatic about scripture. <i>Nature</i> , 2005, 433, 355-355.	27.8	0
23	Altered kinetics of circulating progenitor cells in cardiopulmonary bypass (CPB) associated vasoplegic patients: A pilot study. <i>PLoS ONE</i> , 2020, 15, e0242375.	2.5	0
24	Title is missing!. , 2020, 15, e0242375.		0
25	Title is missing!. , 2020, 15, e0242375.		0
26	Title is missing!. , 2020, 15, e0242375.		0
27	Title is missing!. , 2020, 15, e0242375.		0
28	Title is missing!. , 2020, 15, e0242375.		0
29	Title is missing!. , 2020, 15, e0242375.		0