Manuel E Lladser

List of Publications by Year
in descending order

23 papers	2,783 citations	933447 10 h-index	888059 17 g-index
25 all docs	25 docs citations	25 times ranked	5540 citing authors

#	Article	IF	Citations
1	UniFrac: an effective distance metric for microbial community comparison. ISME Journal, 2011, 5, 169-172.	9.8	2,280
2	Balance Trees Reveal Microbial Niche Differentiation. MSystems, 2017, 2, .	3.8	284
3	Multiple pattern matching: a Markov chain approach. Journal of Mathematical Biology, 2007, 56, 51-92.	1.9	27
4	Natural and artificial RNAs occupy the same restricted region of sequence space. Rna, 2010, 16, 280-289.	3.5	21
5	Low-dimensional representation of genomic sequences. Journal of Mathematical Biology, 2019, 79, 1-29.	1.9	21
6	An Annotation Agnostic Algorithm for Detecting Nascent RNA Transcripts in GRO-Seq. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 1070-1081.	3.0	19
7	Extrapolation of Urn Models via Poissonization: Accurate Measurements of the Microbial Unknown. PLoS ONE, 2011, 6, e21105.	2.5	19
8	Minimal Markov chain embeddings of pattern problems. , 2007, , .		13
9	Chiral histidine selection by D-ribose RNA. Rna, 2010, 16, 2370-2383.	3.5	12
10	Domain of attraction of the quasi-stationary distributions for the Ornstein-Uhlenbeck process. Journal of Applied Probability, 2000, 37, 511-520.	0.7	11
11	Information, probability, and the abundance of the simplest RNA active sites. Frontiers in Bioscience - Landmark, 2008, Volume, 6060.	3.0	11
12	RNA Pol II transcription model and interpretation of GRO-seq data. Journal of Mathematical Biology, 2017, 74, 77-97.	1.9	9
13	Uniform Formulae for Coefficients of Meromorphic Functions in Two Variables. Part I. SIAM Journal on Discrete Mathematics, 2006, 20, 811-828.	0.8	8
14	Comparison of methods for estimating the nucleotide substitution matrix. BMC Bioinformatics, 2008, 9, 511.	2.6	8
15	FStitch. , 2014, , .		8
16	Estimation of Distribution Overlap of Urn Models. PLoS ONE, 2012, 7, e42368.	2.5	7
17	Resolvability of Hamming Graphs. SIAM Journal on Discrete Mathematics, 2020, 34, 2063-2081.	0.8	6
18	Approximation of sojourn-times via maximal couplings: motif frequency distributions. Journal of Mathematical Biology, 2014, 69, 147-182.	1.9	5

#	Article	IF	Citations
19	Markovian embeddings of general random strings. , 2008, , .		5
20	Truncated metric dimension for finite graphs. Discrete Applied Mathematics, 2022, 320, 150-169.	0.9	4
21	Prediction of unseen proportions in urn models with restricted sampling. , 2009, , .		2
22	Metric-space Positioning Systems (MPS) for Machine Learning. , 2016, , .		0
23	Stochastic Analysis of Minimal Automata Growth for Generalized Strings. Methodology and Computing in Applied Probability, 2020, 22, 329-347.	1.2	0