

Naomi S Altman

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,330
citations

430754

18
h-index

434063

31
g-index

34
all docs

34
docs citations

34
times ranked

2252
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproducibility of animal research in light of biological variation. <i>Nature Reviews Neuroscience</i> , 2020, 21, 384-393.	4.9	193
2	INTERACTIONS BETWEEN HERBIVOROUS FISHES AND LIMITING NUTRIENTS IN A TROPICAL STREAM ECOSYSTEM. <i>Ecology</i> , 2002, 83, 1831-1844.	1.5	124
3	The SEIRS model for infectious disease dynamics. <i>Nature Methods</i> , 2020, 17, 557-558.	9.0	115
4	Intraspecific diversity among partners drives functional variation in coral symbioses. <i>Scientific Reports</i> , 2015, 5, 15667.	1.6	94
5	Selecting Superior De Novo Transcriptome Assemblies: Lessons Learned by Leveraging the Best Plant Genome. <i>PLoS ONE</i> , 2016, 11, e0146062.	1.1	93
6	Horizontal gene transfer is more frequent with increased heterotrophy and contributes to parasite adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7010-E7019.	3.3	85
7	Rootstock-regulated gene expression patterns in apple tree scions. <i>Tree Genetics and Genomes</i> , 2010, 6, 57-72.	0.6	79
8	Modeling infectious epidemics. <i>Nature Methods</i> , 2020, 17, 455-456.	9.0	75
9	Analysis of variance and blocking. <i>Nature Methods</i> , 2014, 11, 699-700.	9.0	53
10	Quantile regression. <i>Nature Methods</i> , 2019, 16, 451-452.	9.0	51
11	Extending the loop design for two-channel microarray experiments. <i>Genetical Research</i> , 2006, 88, 153.	0.3	43
12	Replication, Variation and Normalisation in Microarray Experiments. <i>Applied Bioinformatics</i> , 2005, 4, 33-44.	1.7	42
13	Chemical communication is not sufficient to explain reproductive inhibition in the bumblebee <i>Bombus impatiens</i> . <i>Royal Society Open Science</i> , 2016, 3, 160576.	1.1	41
14	The class imbalance problem. <i>Nature Methods</i> , 2021, 18, 1270-1272.	9.0	33
15	The standardization fallacy. <i>Nature Methods</i> , 2021, 18, 5-7.	9.0	28
16	Markov models ≠ hidden Markov models. <i>Nature Methods</i> , 2019, 16, 795-796.	9.0	22
17	Do Bumble Bee, <i>Bombus impatiens</i> , Queens Signal their Reproductive and Mating Status to their Workers?. <i>Journal of Chemical Ecology</i> , 2017, 43, 563-572.	0.9	21
18	Analyzing outliers: robust methods to the rescue. <i>Nature Methods</i> , 2019, 16, 275-276.	9.0	21

#	ARTICLE	IF	CITATIONS
19	Investigation of Ensemble Variance as a Measure of True Forecast Variance. <i>Monthly Weather Review</i> , 2011, 139, 3954-3963.	0.5	18
20	Markov models – Markov chains. <i>Nature Methods</i> , 2019, 16, 663-664.	9.0	16
21	Self-modelling regression for longitudinal data with time-invariant covariates. <i>Canadian Journal of Statistics</i> , 2004, 32, 251-268.	0.6	15
22	Estimating the proportion of true null hypotheses when the statistics are discrete. <i>Bioinformatics</i> , 2015, 31, 2303-2309.	1.8	14
23	Uncertainty and the management of epidemics. <i>Nature Methods</i> , 2020, 17, 867-868.	9.0	11
24	Two-level factorial experiments. <i>Nature Methods</i> , 2019, 16, 211-212.	9.0	10
25	Pairs of amino acids at the P- and A-sites of the ribosome predictably and causally modulate translation-elongation rates. <i>Journal of Molecular Biology</i> , 2020, 432, 166696.	2.0	9
26	Graphical assessment of tests and classifiers. <i>Nature Methods</i> , 2021, 18, 840-842.	9.0	7
27	Markov models – training and evaluation of hidden Markov models. <i>Nature Methods</i> , 2020, 17, 121-122.	9.0	5
28	Reply to “It is time for an empirically informed paradigm shift in animal research”. <i>Nature Reviews Neuroscience</i> , 2020, 21, 661-662.	4.9	4
29	Testing for rare conditions. <i>Nature Methods</i> , 2021, 18, 224-225.	9.0	2