Naomi S Altman

List of Publications by Year
in descending order

29 papers	1,330 citations	430442 18 h-index	433756 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. Nature Reviews Neuroscience, 2020, 21, 384-393.	4.9	193
2	INTERACTIONS BETWEEN HERBIVOROUS FISHES AND LIMITING NUTRIENTS IN A TROPICAL STREAM ECOSYSTEM. Ecology, 2002, 83, 1831-1844.	1.5	124
3	The SEIRS model for infectious disease dynamics. Nature Methods, 2020, 17, 557-558.	9.0	115
4	Intraspecific diversity among partners drives functional variation in coral symbioses. Scientific Reports, 2015, 5, 15667.	1.6	94
5	Selecting Superior De Novo Transcriptome Assemblies: Lessons Learned by Leveraging the Best Plant Genome. PLoS ONE, 2016, 11, e0146062.	1.1	93
6	Horizontal gene transfer is more frequent with increased heterotrophy and contributes to parasite adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7010-E7019.	3.3	85
7	Rootstock-regulated gene expression patterns in apple tree scions. Tree Genetics and Genomes, 2010, 6, 57-72.	0.6	79
8	Modeling infectious epidemics. Nature Methods, 2020, 17, 455-456.	9.0	75
9	Analysis of variance and blocking. Nature Methods, 2014, 11, 699-700.	9.0	53
10	Quantile regression. Nature Methods, 2019, 16, 451-452.	9.0	51
11	Extending the loop design for two-channel microarray experiments. Genetical Research, 2006, 88, 153.	0.3	43
12	Replication, Variation and Normalisation in Microarray Experiments. Applied Bioinformatics, 2005, 4, 33-44.	1.7	42
13	Chemical communication is not sufficient to explain reproductive inhibition in the bumblebee *Bombus impatiens*. Royal Society Open Science, 2016, 3, 160576.	1.1	41
14	The class imbalance problem. Nature Methods, 2021, 18, 1270-1272.	9.0	33
15	The standardization fallacy. Nature Methods, 2021, 18, 5-7.	9.0	28
16	Markov models â€" hidden Markov models. Nature Methods, 2019, 16, 795-796.	9.0	22
17	Do Bumble Bee, Bombus impatiens, Queens Signal their Reproductive and Mating Status to their Workers?. Journal of Chemical Ecology, 2017, 43, 563-572.	0.9	21
18	Analyzing outliers: robust methods to the rescue. Nature Methods, 2019, 16, 275-276.	9.0	21

#	Article	IF	Citations
19	Investigation of Ensemble Variance as a Measure of True Forecast Variance. Monthly Weather Review, 2011, 139, 3954-3963.	0.5	18
20	Markov modelsâ€"Markov chains. Nature Methods, 2019, 16, 663-664.	9.0	16
21	Selfâ€modelling regression for longitudinal data with timeâ€invariant covariates. Canadian Journal of Statistics, 2004, 32, 251-268.	0.6	15
22	Estimating the proportion of true null hypotheses when the statistics are discrete. Bioinformatics, 2015, 31, 2303-2309.	1.8	14
23	Uncertainty and the management of epidemics. Nature Methods, 2020, 17, 867-868.	9.0	11
24	Two-level factorial experiments. Nature Methods, 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. Journal of Molecular Biology, 2020, 432, 166696.	2.0	9
26	Graphical assessment of tests and classifiers. Nature Methods, 2021, 18, 840-842.	9.0	7
27	Markov models â€" training and evaluation of hidden Markov models. Nature Methods, 2020, 17, 121-122.	9.0	5
28	Reply to â€˜It is time for an empirically informed paradigm shift in animal researchâ€™. Nature Reviews Neuroscience, 2020, 21, 661-662.	4.9	4
29	Testing for rare conditions. Nature Methods, 2021, 18, 224-225.	9.0	2