Jonathan Taylor

List of Publications by Year
in descending order

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24 papers	3,164 citations	430874 18 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	3986 citing authors

#	Article	IF	Citations
1	The solution path of the generalized lasso. Annals of Statistics, 2011, 39, .	2.6	473
2	A significance test for the lasso. Annals of Statistics, 2014, 42, 413-468.	2.6	400
3	A lasso for hierarchical interactions. Annals of Statistics, 2013, 41, 1111-1141.	2.6	295
4	Mutation Patterns and Structural Correlates in Human Immunodeficiency Virus Type 1 Protease following Different Protease Inhibitor Treatments. Journal of Virology, 2003, 77, 4836-4847.	3.4	220
5	Genotypic predictors of human immunodeficiency virus type 1 drug resistance. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17355-17360.	7.1	211
6	Exact Post-Selection Inference for Sequential Regression Procedures. Journal of the American Statistical Association, 2016, 111, 600-620.	3.1	208
7	Statistical learning and selective inference. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7629-7634.	7.1	206
8	Geographic and Temporal Trends in the Molecular Epidemiology and Genetic Mechanisms of Transmitted HIV-1 Drug Resistance: An Individual-Patient- and Sequence-Level Meta-Analysis. PLoS Medicine, 2015, 12, e1001810.	8.4	188
9	HIV-1 Protease Mutations and Protease Inhibitor Cross-Resistance. Antimicrobial Agents and Chemotherapy, 2010, 54, 4253-4261.	3.2	169
10	Evolution of resistance to drugs in HIV-1-infected patients failing antiretroviral therapy. Aids, 2004, 18, 1503-1511.	2.2	106
11	HIVâ€1 Protease and Reverseâ€Transcriptase Mutations: Correlations with Antiretroviral Therapy in Subtype B Isolates and Implications for Drugâ€Resistance Surveillance. Journal of Infectious Diseases, 2005, 192, 456-465.	4.0	104
12	Extended spectrum of HIV-1 reverse transcriptase mutations in patients receiving multiple nucleoside analog inhibitors. Aids, 2003, 17, 791-799.	2.2	98
13	Non-nucleoside reverse transcriptase inhibitor (NNRTI) cross-resistance: implications for preclinical evaluation of novel NNRTIs and clinical genotypic resistance testing. Journal of Antimicrobial Chemotherapy, 2014, 69, 12-20.	3.0	98
14	Postâ€selection inference for â€penalized likelihood models. Canadian Journal of Statistics, 2018, 46, 41-61.	0.9	95
15	A Generalized Least-Square Matrix Decomposition. Journal of the American Statistical Association, 2014, 109, 145-159.	3.1	89
16	Comparison of the Precision and Sensitivity of the Antivirogram and PhenoSense HIV Drug Susceptibility Assays. Journal of Acquired Immune Deficiency Syndromes (1999), 2005, 38, 439-444.	2.1	56
17	Validity of the expected Euler characteristic heuristic. Annals of Probability, 2005, 33, 1362.	1.8	55
18	Standardized Comparison of the Relative Impacts of HIV-1 Reverse Transcriptase (RT) Mutations on Nucleoside RT Inhibitor Susceptibility. Antimicrobial Agents and Chemotherapy, 2012, 56, 2305-2313.	3.2	48

#	Article	IF	Citations
19	Postâ€selection point and interval estimation of signal sizes in Gaussian samples. Canadian Journal of Statistics, 2017, 45, 128-148.	0.9	11
20	Integrative methods for post-selection inference under convex constraints. Annals of Statistics, 2021, 49, .	2.6	6
21	The geometry of least squares in the 21st century. Bernoulli, 2013, 19, .	1.3	5
22	Inferactive data analysis. Scandinavian Journal of Statistics, 2020, 47, 212-249.	1.4	4
23	Kinematic formula for heterogeneous Gaussian related fields. Stochastic Processes and Their Applications, 2019, 129, 2437-2465.	0.9	2
24	Selection-Corrected Statistical Inference for Region Detection With High-Throughput Assays. Journal of the American Statistical Association, 2019, 114, 1351-1365.	3.1	2