Noah Simon

List of Publications by Year
in descending order

29 papers	1,866 citations	759233 12 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	2565 citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming barriers in the design and implementation of clinical trials for acute kidney injury: a report from the 2020 Kidney Disease Clinical Trialists meeting. Nephrology Dialysis Transplantation, 2023, 38, 834-844.	0.7	14
2	Ensembled sparse‐input hierarchical networks for high‐dimensional datasets. Statistical Analysis and Data Mining, 2022, 15, 736-750.	2.8	3
3	A new path for CF clinical trials through the use of historical controls. Journal of Cystic Fibrosis, 2022, 21, 293-299.	0.7	3
4	Evaluating assumptions of definition-based pulmonary exacerbation endpoints in cystic fibrosis clinical trials. Journal of Cystic Fibrosis, 2021, 20, 39-45.	0.7	9
5	Groupyr: Sparse Group Lasso in Python. Journal of Open Source Software, 2021, 6, 3024.	4.6	3
6	Multidimensional analysis and detection of informative features in human brain white matter. PLoS Computational Biology, 2021, 17, e1009136.	3.2	14
7	Conflict-related intentional injuries in Baghdad, Iraq, 2003–2014: A modeling study and proposed method for calculating burden of injury in conflict. PLoS Medicine, 2021, 18, e1003673.	8.4	2
8	Evaluating the Impact of Stopping Chronic Therapies after Modulator Drug Therapy in Cystic Fibrosis: The SIMPLIFY Clinical Trial Study Design. Annals of the American Thoracic Society, 2021, 18, 1397-1405.	3.2	38
9	An interbacterial DNA deaminase toxin directly mutagenizes surviving target populations. ELife, 2021, 10, .	6.0	29
10	Seagull: lasso, group lasso and sparse-group lasso regularization for linear regression models via proximal gradient descent. BMC Bioinformatics, 2020, 21, 407.	2.6	14
11	Real-world evidence in cystic fibrosis modulator development: Establishing a path forward. Journal of Cystic Fibrosis, 2020, 19, e11-e12.	0.7	3
12	A New Paradigm for Subset Analysis in Randomized Clinical Trials. Emerging Topics in Statistics and Biostatistics, 2020, , 199-208.	0.1	0
13	Graphical models for zero-inflated single cell gene expression. Annals of Applied Statistics, 2019, 13, 848-873.	1.1	19
14	Finding the intended use population for a new treatment. Journal of Biopharmaceutical Statistics, 2019, 29, 675-684.	0.8	4
15	Nonparametric regression with adaptive truncation via a convex hierarchical penalty. Biometrika, 2019, 106, 87-107.	2.4	5
16	Using Bayesian modeling in frequentist adaptive enrichment designs. Biostatistics, 2018, 19, 27-41.	1.5	24
17	Gradient-based Regularization Parameter Selection for Problems With Nonsmooth Penalty Functions. Journal of Computational and Graphical Statistics, 2018, 27, 426-435.	1.7	12
18	SCALPEL: Extracting neurons from calcium imaging data. Annals of Applied Statistics, 2018, 12, 2430-2456.	1.1	28

#	ARTICLE	IF	CITATIONS
19	Bayesian, Utility-Based, Adaptive Enrichment Designs with Frequentist Error Control. , 2017, , 105-123.		0
20	Inference for multimarker adaptive enrichment trials. Statistics in Medicine, 2017, 36, 4083-4093.	1.6	15
21	Fused Lasso Additive Model. Journal of Computational and Graphical Statistics, 2016, 25, 1005-1025.	1.7	39
22	Convex Modeling of Interactions With Strong Heredity. Journal of Computational and Graphical Statistics, 2016, 25, 981-1004.	1.7	32
23	Convex Regression with Interpretable Sharp Partitions. Journal of Machine Learning Research, 2016, 17, .	62.4	1
24	Adaptive enrichment designs: applications and challenges. Clinical Investigation, 2015, 5, 383-391.	0.0	12
25	Exploring medical diagnostic performance using interactive, multi-parameter sourced receiver operating characteristic scatter plots. Computers in Biology and Medicine, 2014, 47, 120-129.	7.0	9
26	A Sparse-Group Lasso. Journal of Computational and Graphical Statistics, 2013, 22, 231-245.	1.7	913
27	Adaptive enrichment designs for clinical trials. Biostatistics, 2013, 14, 613-625.	1.5	151
28	Standardization and the Group Lasso Penalty. Statistica Sinica, 2012, 22, 983-1001.	0.3	79
29	Strong Rules for Discarding Predictors in Lasso-Type Problems. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2012, 74, 245-266.	2.2	387