

# Noah Simon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11601340/publications.pdf>

Version: 2024-02-01

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	A Sparse-Group Lasso. <i>Journal of Computational and Graphical Statistics</i> , 2013, 22, 231-245.	1.7	913
2	Strong Rules for Discarding Predictors in Lasso-Type Problems. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2012, 74, 245-266.	2.2	387
3	Adaptive enrichment designs for clinical trials. <i>Biostatistics</i> , 2013, 14, 613-625.	1.5	151
4	Standardization and the Group Lasso Penalty. <i>Statistica Sinica</i> , 2012, 22, 983-1001.	0.3	79
5	Fused Lasso Additive Model. <i>Journal of Computational and Graphical Statistics</i> , 2016, 25, 1005-1025.	1.7	39
6	Evaluating the Impact of Stopping Chronic Therapies after Modulator Drug Therapy in Cystic Fibrosis: The SIMPLIFY Clinical Trial Study Design. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1397-1405.	3.2	38
7	Convex Modeling of Interactions With Strong Heredity. <i>Journal of Computational and Graphical Statistics</i> , 2016, 25, 981-1004.	1.7	32
8	An interbacterial DNA deaminase toxin directly mutagenizes surviving target populations. <i>ELife</i> , 2021, 10, .	6.0	29
9	SCALPEL: Extracting neurons from calcium imaging data. <i>Annals of Applied Statistics</i> , 2018, 12, 2430-2456.	1.1	28
10	Using Bayesian modeling in frequentist adaptive enrichment designs. <i>Biostatistics</i> , 2018, 19, 27-41.	1.5	24
11	Graphical models for zero-inflated single cell gene expression. <i>Annals of Applied Statistics</i> , 2019, 13, 848-873.	1.1	19
12	Inference for multimarker adaptive enrichment trials. <i>Statistics in Medicine</i> , 2017, 36, 4083-4093.	1.6	15
13	Seagull: lasso, group lasso and sparse-group lasso regularization for linear regression models via proximal gradient descent. <i>BMC Bioinformatics</i> , 2020, 21, 407.	2.6	14
14	Multidimensional analysis and detection of informative features in human brain white matter. <i>PLoS Computational Biology</i> , 2021, 17, e1009136.	3.2	14
15	Overcoming barriers in the design and implementation of clinical trials for acute kidney injury: a report from the 2020 Kidney Disease Clinical Trialists meeting. <i>Nephrology Dialysis Transplantation</i> , 2023, 38, 834-844.	0.7	14
16	Adaptive enrichment designs: applications and challenges. <i>Clinical Investigation</i> , 2015, 5, 383-391.	0.0	12
17	Gradient-based Regularization Parameter Selection for Problems With Nonsmooth Penalty Functions. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 426-435.	1.7	12
18	Exploring medical diagnostic performance using interactive, multi-parameter sourced receiver operating characteristic scatter plots. <i>Computers in Biology and Medicine</i> , 2014, 47, 120-129.	7.0	9

#	ARTICLE	IF	CITATIONS
19	Evaluating assumptions of definition-based pulmonary exacerbation endpoints in cystic fibrosis clinical trials. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 39-45.	0.7	9
20	Nonparametric regression with adaptive truncation via a convex hierarchical penalty. <i>Biometrika</i> , 2019, 106, 87-107.	2.4	5
21	Finding the intended use population for a new treatment. <i>Journal of Biopharmaceutical Statistics</i> , 2019, 29, 675-684.	0.8	4
22	Real-world evidence in cystic fibrosis modulator development: Establishing a path forward. <i>Journal of Cystic Fibrosis</i> , 2020, 19, e11-e12.	0.7	3
23	Groupyr: Sparse Group Lasso in Python. <i>Journal of Open Source Software</i> , 2021, 6, 3024.	4.6	3
24	Ensembled sparse-input hierarchical networks for high-dimensional datasets. <i>Statistical Analysis and Data Mining</i> , 2022, 15, 736-750.	2.8	3
25	A new path for CF clinical trials through the use of historical controls. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 293-299.	0.7	3
26	Conflict-related intentional injuries in Baghdad, Iraq, 2003–2014: A modeling study and proposed method for calculating burden of injury in conflict. <i>PLoS Medicine</i> , 2021, 18, e1003673.	8.4	2
27	Convex Regression with Interpretable Sharp Partitions. <i>Journal of Machine Learning Research</i> , 2016, 17, .	62.4	1
28	Bayesian, Utility-Based, Adaptive Enrichment Designs with Frequentist Error Control. , 2017, , 105-123.		0
29	A New Paradigm for Subset Analysis in Randomized Clinical Trials. <i>Emerging Topics in Statistics and Biostatistics</i> , 2020, , 199-208.	0.1	0