

Eric F Lock

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,377
citations

623734

14
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

2532
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint and individual variation explained (JIVE) for integrated analysis of multiple data types. <i>Annals of Applied Statistics</i> , 2013, 7, 523-542.	1.1	367
2	The genomic landscape of mantle cell lymphoma is related to the epigenetically determined chromatin state of normal B cells. <i>Blood</i> , 2014, 123, 2988-2996.	1.4	224
3	Bayesian consensus clustering. <i>Bioinformatics</i> , 2013, 29, 2610-2616.	4.1	211
4	Identification of shared and disease-specific host gene-microbiome associations across human diseases using multi-omic integration. <i>Nature Microbiology</i> , 2022, 7, 780-795.	13.3	57
5	RJIVE for exploration of multi-source molecular data. <i>Bioinformatics</i> , 2016, 32, 2877-2879.	4.1	54
6	Interstrain Differences in the Liver Effects of Trichloroethylene in a Multistrain Panel of Inbred Mice. <i>Toxicological Sciences</i> , 2011, 120, 206-217.	3.1	49
7	Tensor-on-Tensor Regression. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 638-647.	1.7	49
8	Quantitative High-Throughput Screening for Chemical Toxicity in a Population-Based In Vitro Model. <i>Toxicological Sciences</i> , 2012, 126, 578-588.	3.1	47
9	Metabolomic analysis of CSF indicates brain metabolic impairment precedes hematological indices of anemia in the iron-deficient infant monkey. <i>Nutritional Neuroscience</i> , 2018, 21, 40-48.	3.1	29
10	Multi-omic molecular profiling of lung cancer in COPD. <i>European Respiratory Journal</i> , 2018, 52, 1702665.	6.7	25
11	Single-cell RNA sequencing reveals that lung mesenchymal progenitor cells in IPF exhibit pathological features early in their differentiation trajectory. <i>Scientific Reports</i> , 2020, 10, 11162.	3.3	25
12	Identification of Chiari Type I Malformation subtypes using whole genome expression profiles and cranial base morphometrics. <i>BMC Medical Genomics</i> , 2014, 7, 39.	1.5	24
13	Analysis of multi-source metabolomic data using joint and individual variation explained (JIVE). <i>Analyst</i> , 2015, 140, 4521-4529.	3.5	21
14	Prediction With Dimension Reduction of Multiple Molecular Data Sources for Patient Survival. <i>Cancer Informatics</i> , 2017, 16, 117693511771851.	1.9	17
15	Generalized integrative principal component analysis for multi-type data with block-wise missing structure. <i>Biostatistics</i> , 2020, 21, 302-318.	1.5	15
16	Early-Life Iron Deficiency and Its Natural Resolution Are Associated with Altered Serum Metabolomic Profiles in Infant Rhesus Monkeys. <i>Journal of Nutrition</i> , 2020, 150, 685-693.	2.9	14
17	Correcting iron deficiency anemia with iron dextran alters the serum metabolomic profile of the infant Rhesus Monkey. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 915-923.	4.7	13
18	Integrative factorization of bidimensionally linked matrices. <i>Biometrics</i> , 2020, 76, 61-74.	1.4	12

#	ARTICLE	IF	CITATIONS
19	Detecting Multiple Random Changepoints in Bayesian Piecewise Growth Mixture Models. <i>Psychometrika</i> , 2018, 83, 733-750.	2.1	11
20	Shared kernel Bayesian screening. <i>Biometrika</i> , 2015, 102, 829-842.	2.4	10
21	Joint eQTL assessment of whole blood and dura mater tissue from individuals with Chiari type I malformation. <i>BMC Genomics</i> , 2015, 16, 11.	2.8	10
22	Discriminating sample groups with multi-way data. <i>Biostatistics</i> , 2017, 18, kxw057.	1.5	10
23	Multiomic profiling of iron-deficient infant monkeys reveals alterations in neurologically important biochemicals in serum and cerebrospinal fluid before the onset of anemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 322, R486-R500.	1.8	10
24	Bayesian Genome- and Epigenome-Wide Association Studies with Gene Level Dependence. <i>Biometrics</i> , 2017, 73, 1018-1028.	1.4	9
25	Predictors of severe intraventricular hemorrhage in preterm infants under 29-weeks gestation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 195-200.	1.5	9
26	Bidimensional linked matrix factorization for pan-omics pan-cancer analysis. <i>Annals of Applied Statistics</i> , 2022, 16, 193-215.	1.1	9
27	Exploratory Analysis of Exercise Adherence Patterns With Sedentary Pregnant Women. <i>Nursing Research</i> , 2010, 59, 280-287.	1.7	8
28	Supervised multiway factorization. <i>Electronic Journal of Statistics</i> , 2018, 12, 1150-1180.	0.7	7
29	Linked Matrix Factorization. <i>Biometrics</i> , 2019, 75, 582-592.	1.4	6
30	Bayesian modeling of associations in bivariate piecewise linear mixed-effects models.. <i>Psychological Methods</i> , 2022, 27, 44-64.	3.5	6
31	sJIVE: Supervised joint and individual variation explained. <i>Computational Statistics and Data Analysis</i> , 2022, 175, 107547.	1.2	6
32	A Bayesian Difference-in-Difference Framework for the Impact of Primary Care Redesign on Diabetes Outcomes. <i>Statistics and Public Policy (Philadelphia, Pa)</i> , 2019, 6, 55-66.	1.6	5
33	Bayesian GWAS with Structured and Non-Local Priors. <i>Bioinformatics</i> , 2020, 36, 17-25.	4.1	3
34	A Pan-Cancer and Polygenic Bayesian Hierarchical Model for the Effect of Somatic Mutations on Survival. <i>Cancer Informatics</i> , 2020, 19, 117693512090739.	1.9	2
35	Chemical Genomics Reveals JAK STAT Activation As a Mechanism of Resistance to HDAC Inhibitors in B Cell Lymphomas. <i>Blood</i> , 2014, 124, 271-271.	1.4	1
36	Bayesian variable selection in hierarchical difference-in-differences models. <i>Statistical Methods in Medical Research</i> , 2021, , 096228022110510.	1.5	1

#	ARTICLE	IF	CITATIONS
37	Bayesian Distance Weighted Discrimination. Journal of Computational and Graphical Statistics, 2022, 31, 1177-1188.	1.7	1
38	Bayesian nonparametric multiway regression for clustered binomial data. Stat, 2021, 10, e378.	0.4	0
39	The Genetic Landscape Of Mantle Cell Lymphoma and The Epigenetic Origins Of Lineage Specific Mutations. Blood, 2013, 122, 347-347.	1.4	0
40	A hierarchical spike-and-slab model for pan-cancer survival using pan-omic data. BMC Bioinformatics, 2022, 23, .	2.6	0
41	Multiway Sparse Distance Weighted Discrimination. Journal of Computational and Graphical Statistics, 2023, 32, 730-743.	1.7	0