

Mark Fiecas

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

898
citations

567281

15
h-index

501196

28
g-index

40
all docs

40
docs citations

40
times ranked

1842
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Approximations to Hidden Semi-Markov Models for Telemetric Monitoring of Physical Activity. <i>Bayesian Analysis</i> , 2023, 18, .	3.0	0
2	A nonparametric Bayesian model for estimating spectral densities of resting-state EEG twin data. <i>Biometrics</i> , 2022, 78, 313-323.	1.4	3
3	Effects of regular cannabis and nicotine use on acute stress responses: chronic nicotine, but not cannabis use, is associated with blunted adrenocortical and cardiovascular responses to stress. <i>Psychopharmacology</i> , 2022, 239, 1551-1561.	3.1	4
4	CLEAN: Leveraging spatial autocorrelation in neuroimaging data in clusterwise inference. <i>NeuroImage</i> , 2022, 255, 119192.	4.2	7
5	Brain entropy and neurotrophic molecular markers accompanying clinical improvement after ketamine: Preliminary evidence in adolescents with treatment-resistant depression. <i>Journal of Psychopharmacology</i> , 2021, 35, 168-177.	4.0	15
6	Network topology changes in chronic mild traumatic brain injury (mTBI). <i>NeuroImage: Clinical</i> , 2021, 31, 102691.	2.7	12
7	A Bayesian latent spatial model for mapping the cortical signature of progression to Alzheimer's disease. <i>Canadian Journal of Statistics</i> , 2021, 49, 46-62.	0.9	4
8	A grouped beta process model for multivariate resting-state EEG microstate analysis on twins. <i>Canadian Journal of Statistics</i> , 2021, 49, 89-106.	0.9	0
9	High-Frequency Oscillations in the Pallidum: A Pathophysiological Biomarker in Parkinson's Disease?. <i>Movement Disorders</i> , 2021, 36, 1332-1341.	3.9	17
10	Similar Genetic Architecture of Alzheimer's Disease and Differential APOE Effect Between Sexes. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 674318.	3.4	8
11	Identifying the recurrence of sleep apnea using a harmonic hidden Markov model. <i>Annals of Applied Statistics</i> , 2021, 15, 1171-1193.	1.1	2
12	Permutation-based inference for spatially localized signals in longitudinal MRI data. <i>NeuroImage</i> , 2021, 239, 118312.	4.2	9
13	Bayesian longitudinal spectral estimation with application to resting-state fMRI data analysis. <i>Econometrics and Statistics</i> , 2020, 15, 104-116.	0.8	0
14	Bayesian Model Search for Nonstationary Periodic Time Series. <i>Journal of the American Statistical Association</i> , 2020, 115, 1320-1335.	3.1	11
15	Bayesian GWAS with Structured and Non-Local Priors. <i>Bioinformatics</i> , 2020, 36, 17-25.	4.1	3
16	Neural and Behavioral Correlates of Clinical Improvement to Ketamine in Adolescents With Treatment Resistant Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 820.	2.6	9
17	Using novel mobile sensors to assess stress and smoking lapse. <i>International Journal of Psychophysiology</i> , 2020, 158, 411-418.	1.0	13
18	Semiparametric modeling of time-varying activation and connectivity in task-based fMRI data. <i>Computational Statistics and Data Analysis</i> , 2020, 150, 107006.	1.2	1

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19	Transcranial direct current stimulation (tDCS) elicits stimulus-specific enhancement of cortical plasticity. <i>NeuroImage</i> , 2020, 211, 116598.	4.2	32
20	Time-dependent mucoadhesion of conjugated bioadhesive polymers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 454-469.	5.0	12
21	White Matter Microstructure in Adolescents and Young Adults With Non-Suicidal Self-Injury. <i>Frontiers in Psychiatry</i> , 2019, 10, 1019.	2.6	18
22	Spectral analysis of high-dimensional time series. <i>Electronic Journal of Statistics</i> , 2019, 13, .	0.7	13
23	Statistical models for brain signals with properties that evolve across trials. <i>NeuroImage</i> , 2018, 180, 609-618.	4.2	38
24	A longitudinal model for functional connectivity networks using resting-state fMRI. <i>NeuroImage</i> , 2018, 178, 687-701.	4.2	20
25	Shrinkage Estimation for Multivariate Hidden Markov Models. <i>Journal of the American Statistical Association</i> , 2017, 112, 424-435.	3.1	14
26	A variance components model for statistical inference on functional connectivity networks. <i>NeuroImage</i> , 2017, 149, 256-266.	4.2	20
27	Changes in Sleep Duration, Quality, and Medication Use Are Prospectively Associated With Health and Well-being: Analysis of the UK Household Longitudinal Study. <i>Sleep</i> , 2017, 40, .	1.1	43
28	Modeling the Evolution of Dynamic Brain Processes During an Associative Learning Experiment. <i>Journal of the American Statistical Association</i> , 2016, 111, 1440-1453.	3.1	42
29	Is bigger always better? The importance of cortical configuration with respect to cognitive ability. <i>NeuroImage</i> , 2016, 129, 356-366.	4.2	36
30	Data-driven shrinkage of the spectral density matrix of a high-dimensional time series. <i>Electronic Journal of Statistics</i> , 2014, 8, .	0.7	15
31	Cognitive reserve moderates the association between hippocampal volume and episodic memory in middle age. <i>Neuropsychologia</i> , 2013, 51, 1124-1131.	1.6	38
32	Quantifying temporal correlations: A test of retest evaluation of functional connectivity in resting-state fMRI. <i>NeuroImage</i> , 2013, 65, 231-241.	4.2	65
33	Genetic topography of brain morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17089-17094.	7.1	197
34	Hierarchical vector auto-regressive models and their applications to multi-subject effective connectivity. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 159.	2.1	26
35	The generalized shrinkage estimator for the analysis of functional connectivity of brain signals. <i>Annals of Applied Statistics</i> , 2011, 5, .	1.1	43
36	Regional areas and widths of the midsagittal corpus callosum among HIV-infected patients on stable antiretroviral therapies. <i>Journal of NeuroVirology</i> , 2011, 17, 368-379.	2.1	40

#	ARTICLE	IF	CITATIONS
37	Functional connectivity: Shrinkage estimation and randomization test. NeuroImage, 2010, 49, 3005-3014.	4.2	68