

Kehui Chen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

738
citations

687363

13
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1068
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Physiological Maturation of Parvalbumin-Positive Neuron Subtypes in Mouse Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 4883-4902.	3.6	102
2	Network Cross-Validation for Determining the Number of Communities in Network Data. <i>Journal of the American Statistical Association</i> , 2018, 113, 241-251.	3.1	82
3	Modeling Repeated Functional Observations. <i>Journal of the American Statistical Association</i> , 2012, 107, 1599-1609.	3.1	66
4	Conditional Quantile Analysis When Covariates are Functions, with Application to Growth Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2012, 74, 67-89.	2.2	59
5	Altered Gradients of Glutamate and Gamma-Aminobutyric Acid Transcripts in the Cortical Visuospatial Working Memory Network in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 670-679.	1.3	47
6	Analyzing Proportion Scores as Outcomes for Prevention Trials: a Statistical Primer. <i>Prevention Science</i> , 2017, 18, 312-321.	2.6	46
7	Modelling Function-Valued Stochastic Processes, with Applications to Fertility Dynamics. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017, 79, 177-196.	2.2	43
8	Localized Functional Principal Component Analysis. <i>Journal of the American Statistical Association</i> , 2015, 110, 1266-1275.	3.1	38
9	Expression of Transcripts Selective for GABA Neuron Subpopulations across the Cortical Visuospatial Working Memory Network in the Healthy State and Schizophrenia. <i>Cerebral Cortex</i> , 2019, 29, 3540-3550.	2.9	36
10	Quantifying Infinite-Dimensional Data: Functional Data Analysis in Action. <i>Statistics in Biosciences</i> , 2017, 9, 582-604.	1.2	27
11	Stringing High-Dimensional Data for Functional Analysis. <i>Journal of the American Statistical Association</i> , 2011, 106, 275-284.	3.1	26
12	Consistent community detection in multi-layer network data. <i>Biometrika</i> , 2020, 107, 61-73.	2.4	26
13	FMEM: Functional mixed effects modeling for the analysis of longitudinal white matter Tract data. <i>NeuroImage</i> , 2014, 84, 753-764.	4.2	23
14	Proxy measures of premortem cognitive aptitude in postmortem subjects with schizophrenia. <i>Psychological Medicine</i> , 2020, 50, 507-514.	4.5	22
15	Female access and diet affect insemination success, senescence and the cost of reproduction in the male Mexican fruit fly <i>Anastrepha ludens</i> . <i>Physiological Entomology</i> , 2015, 40, 65-71.	1.5	13
16	Emotion discrimination in humans: Its association with HSV-1 infection and its improvement with antiviral treatment. <i>Schizophrenia Research</i> , 2018, 193, 161-167.	2.0	11
17	Modeling Conditional Distributions for Functional Responses, With Application to Traffic Monitoring via GPS-Enabled Mobile Phones. <i>Technometrics</i> , 2014, 56, 347-358.	1.9	10
18	Practice effects distort translational validity estimates for a Neurocognitive Battery. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 530-537.	1.3	10

#	ARTICLE	IF	CITATIONS
19	A test of weak separability for multi-way functional data, with application to brain connectivity studies. <i>Biometrika</i> , 0, , .	2.4	9
20	Randomized controlled trial of adjunctive Valproate for cognitive remediation in early course schizophrenia. <i>Journal of Psychiatric Research</i> , 2019, 118, 66-72.	3.1	9
21	FMEM: Functional Mixed Effects Models for Longitudinal Functional Responses. <i>Statistica Sinica</i> , 2019, 29, 2007-2033.	0.3	9
22	Signaling networks in inflammatory pathways and risk for suicidal behavior. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 7, 100122.	2.5	8
23	A Longitudinal Functional Analysis Framework for Analysis of White Matter Tract Statistics. <i>Lecture Notes in Computer Science</i> , 2013, 23, 220-231.	1.3	5
24	Postnatal Development of Glutamate and GABA Transcript Expression in Monkey Visual, Parietal, and Prefrontal Cortices. <i>Cerebral Cortex</i> , 2021, 31, 2026-2037.	2.9	5
25	Node Features Adjusted Stochastic Block Model. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 362-373.	1.7	3
26	Interpoint-ranking sign covariance for the test of independence. <i>Biometrika</i> , 0, , .	2.4	2
27	Expression of actin- and oxidative phosphorylation-related transcripts across the cortical visuospatial working memory network in unaffected comparison and schizophrenia subjects. <i>Neuropsychopharmacology</i> , 2022, 47, 2061-2070.	5.4	1