Eric D Kolaczyk

List of Publications by Year
in descending order

47 papers	1,619 citations	361413 20 h-index	315739 38 g-index
52 all docs	52 docs citations	52 times ranked	2307 citing authors

#	Article	IF	Citations
1	Estimation of Subgraph Densities in Noisy Networks. Journal of the American Statistical Association, 2022, 117, 361-374.	3.1	8
2	Projecting Quarantine Utilization During a Pandemic. American Journal of Public Health, 2022, 112, 277-283.	2.7	0
3	Assessment of a COVID-19 Control Plan on an Urban University Campus During a Second Wave of the Pandemic. JAMA Network Open, 2021, 4, e2116425.	5.9	45
4	Sensor-based localization of epidemic sources on human mobility networks. PLoS Computational Biology, 2021, 17, e1008545.	3.2	4
5	Robust dynamic community detection with applications to human brain functional networks. Nature Communications, 2020, 11, 2785.	12.8	31
6	Convex combination sequence kernel association test for rare-variant studies. Genetic Epidemiology, 2020, 44, 352-367.	1.3	5
7	The in vivo genetic program of murine primordial lung epithelial progenitors. Nature Communications, 2020, 11, 635.	12.8	46
8	A paradigm for longitudinal complex network analysis over patient cohorts in neuroscience. Network Science, 2019, 7, 196-214.	1.0	1
9	Initial evaluation of the effects of an environmental-focused problem-solving intervention for transition-age young people with developmental disabilities: Project TEAM. Developmental Medicine and Child Neurology, 2018, 60, 801-809.	2.1	25
10	Detection of Multiple Perturbations in Multi-Omics Biological Networks. Biometrics, 2018, 74, 1351-1361.	1.4	3
11	A procedure to increase the power of Granger-causal analysis through temporal smoothing. Journal of Neuroscience Methods, 2018, 308, 48-61.	2.5	7
12	Control of Huntington's Disease-Associated Phenotypes by the Striatum-Enriched Transcription Factor Foxp2. Cell Reports, 2017, 21, 2688-2695.	6.4	22
13	Multiscale network analysis through tail-greedy bottom-up approximation, with applications in neuroscience. , 2017, , .		0
14	Estimation of vertex degrees in a sampled network. , 2017, , .		5
15	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. Diabetes, 2016, 65, 3794-3804.	0.6	22
16	Percolation under noise: Detecting explosive percolation using the second-largest component. Physical Review E, 2016, 93, 052301.	2.1	6
17	MYCN controls an alternative RNA splicing program in high-risk metastatic neuroblastoma. Cancer Letters, 2016, 371, 214-224.	7.2	46
18	Interactions across Multiple Stimulus Dimensions in Primary Auditory Cortex. ENeuro, 2016, 3, ENEURO.0124-16.2016.	1.9	8

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19	On the Question of Effective Sample Size in Network Modeling: An Asymptotic Inquiry. Statistical Science, 2015, 30, 184-198.	2.8	57
20	Editorial: Complexity and emergence in brain network analyses. Frontiers in Computational Neuroscience, 2015, 9, 65.	2.1	0
21	Online ratings: Convergence towards a positive perspective?. , 2014, , .		5
22	Statistical Analysis of Network Data with R. Use R!, 2014, , .	0.2	252
23	A Compressed PCA Subspace Method for Anomaly Detection in High-Dimensional Data. IEEE Transactions on Information Theory, 2013, 59, 7419-7433.	2.4	42
24	Inference and characterization of multi-attribute networks with application to computational biology. Annals of Applied Statistics, 2012, 6, .	1.1	14
25	A Latent Eigenprobit Model with Link Uncertainty for Prediction of Protein–Protein Interactions. Statistics in Biosciences, 2012, 4, 84-104.	1.2	8
26	Network-based prediction for sources of transcriptional dysregulation using latent pathway identification analysis. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13347-13352.	7.1	36
27	Emergence of Persistent Networks in Long-Term Intracranial EEG Recordings. Journal of Neuroscience, 2011, 31, 15757-15767.	3.6	125
28	Target Detection Via Network Filtering. IEEE Transactions on Information Theory, 2010, 56, 2502-2515.	2.4	8
29	Coalescence and Fragmentation of Cortical Networks during Focal Seizures. Journal of Neuroscience, 2010, 30, 10076-10085.	3.6	225
30	Nonparametric Assessment of Contamination in Multivariate Data Using Generalized Quantile Sets and FDR. Journal of Computational and Graphical Statistics, 2010, 19, 439-456.	1.7	4
31	Network inference with confidence from multivariate time series. Physical Review E, 2009, 79, 061916.	2.1	107
32	Context inclusive function evaluation: a case study with EM-based multi-scale multi-granular image classification. Knowledge and Information Systems, 2009, 21, 231-247.	3.2	4
33	Combining Hierarchical Inference in Ontologies with Heterogeneous Data Sources Improves Gene Function Prediction. , 2008, , .		5
34	Predicting gene targets of perturbations via network-based filtering of mRNA expression compendia. Bioinformatics, 2008, 24, 2482-2490.	4.1	33
35	Annotated Minimum Volume Sets for Nonparametric Anomaly Discovery. , 2007, , .		4
36	Context-Inclusive Approach to Speed-up Function Evaluation for Statistical Queries : An Extended Abstract. , 2006, , .		1

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37	Network Kriging. IEEE Journal on Selected Areas in Communications, 2006, 24, 2263-2272.	14.0	51
38	A multiscale method for disease mapping in spatial epidemiology. Statistics in Medicine, 2006, 25, 1287-1306.	1.6	25
39	On the choice of spatial and categorical scale in remote sensing land cover classification. Remote Sensing of Environment, 2005, 96, 62-77.	11.0	86
40	Multiscale generalised linear models for nonparametric function estimation. Biometrika, 2005, 92, 119-133.	2.4	19
41	Multiscale, Multigranular Statistical Image Segmentation. Journal of the American Statistical Association, 2005, 100, 1358-1369.	3.1	20
42	Multiscale likelihood analysis and complexity penalized estimation. Annals of Statistics, 2004, 32, 500.	2.6	64
43	Spectra of a recent bright burst measured by CGRO-COMPTEL: GRB 990123. AIP Conference Proceedings, 2000, , .	0.4	0
44	Bayesian Multiscale Models for Poisson Processes. Journal of the American Statistical Association, 1999, 94, 920-933.	3.1	81
45	Bayesian Multiscale Models for Poisson Processes. Journal of the American Statistical Association, 1999, 94, 920.	3.1	46
46	Dynamic Networks with Multi-scale Temporal Structure. Sankhya A, 0, , 1.	0.8	0
47	Discussion of â€˜Co-citation and Co-authorship Networks of Statisticiansâ€™. Journal of Business and Economic Statistics, 0, , 1-4.	2.9	0