

# Eric D Kolaczyk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4012483/publications.pdf>

Version: 2024-02-01

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	Statistical Analysis of Network Data with R. Use R!, 2014, , .	0.2	252
2	Coalescence and Fragmentation of Cortical Networks during Focal Seizures. Journal of Neuroscience, 2010, 30, 10076-10085.	3.6	225
3	Emergence of Persistent Networks in Long-Term Intracranial EEG Recordings. Journal of Neuroscience, 2011, 31, 15757-15767.	3.6	125
4	Network inference with confidence from multivariate time series. Physical Review E, 2009, 79, 061916.	2.1	107
5	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
6	Bayesian Multiscale Models for Poisson Processes. Journal of the American Statistical Association, 1999, 94, 920-933.	3.1	81
7	Multiscale likelihood analysis and complexity penalized estimation. Annals of Statistics, 2004, 32, 500.	2.6	64
8	On the Question of Effective Sample Size in Network Modeling: An Asymptotic Inquiry. Statistical Science, 2015, 30, 184-198.	2.8	57
9	Network Kriging. IEEE Journal on Selected Areas in Communications, 2006, 24, 2263-2272.	14.0	51
10	MYCN controls an alternative RNA splicing program in high-risk metastatic neuroblastoma. Cancer Letters, 2016, 371, 214-224.	7.2	46
11	The in vivo genetic program of murine primordial lung epithelial progenitors. Nature Communications, 2020, 11, 635.	12.8	46
12	Bayesian Multiscale Models for Poisson Processes. Journal of the American Statistical Association, 1999, 94, 920.	3.1	46
13	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
14	A Compressed PCA Subspace Method for Anomaly Detection in High-Dimensional Data. IEEE Transactions on Information Theory, 2013, 59, 7419-7433.	2.4	42
15	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
16	Predicting gene targets of perturbations via network-based filtering of mRNA expression compendia. Bioinformatics, 2008, 24, 2482-2490.	4.1	33
17	Robust dynamic community detection with applications to human brain functional networks. Nature Communications, 2020, 11, 2785.	12.8	31
18	A multiscale method for disease mapping in spatial epidemiology. Statistics in Medicine, 2006, 25, 1287-1306.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Initial evaluation of the effects of an environmentalâ€‘focused problemâ€‘solving intervention for transitionâ€‘age young people with developmental disabilities: Project TEAM. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 801-809.	2.1	25
20	Peripheral Blood Transcriptomic Signatures of Fasting Glucose and Insulin Concentrations. <i>Diabetes</i> , 2016, 65, 3794-3804.	0.6	22
21	Control of Huntingtonâ€™s Disease-Associated Phenotypes by the Striatum-Enriched Transcription Factor Foxp2. <i>Cell Reports</i> , 2017, 21, 2688-2695.	6.4	22
22	Multiscale, Multigranular Statistical Image Segmentation. <i>Journal of the American Statistical Association</i> , 2005, 100, 1358-1369.	3.1	20
23	Multiscale generalised linear models for nonparametric function estimation. <i>Biometrika</i> , 2005, 92, 119-133.	2.4	19
24	Inference and characterization of multi-attribute networks with application to computational biology. <i>Annals of Applied Statistics</i> , 2012, 6, .	1.1	14
25	Target Detection Via Network Filtering. <i>IEEE Transactions on Information Theory</i> , 2010, 56, 2502-2515.	2.4	8
26	A Latent Eigenprobit Model with Link Uncertainty for Prediction of Proteinâ€“Protein Interactions. <i>Statistics in Biosciences</i> , 2012, 4, 84-104.	1.2	8
27	Estimation of Subgraph Densities in Noisy Networks. <i>Journal of the American Statistical Association</i> , 2022, 117, 361-374.	3.1	8
28	Interactions across Multiple Stimulus Dimensions in Primary Auditory Cortex. <i>ENeuro</i> , 2016, 3, ENEURO.0124-16.2016.	1.9	8
29	A procedure to increase the power of Granger-causal analysis through temporal smoothing. <i>Journal of Neuroscience Methods</i> , 2018, 308, 48-61.	2.5	7
30	Percolation under noise: Detecting explosive percolation using the second-largest component. <i>Physical Review E</i> , 2016, 93, 052301.	2.1	6
31	Combining Hierarchical Inference in Ontologies with Heterogeneous Data Sources Improves Gene Function Prediction. , 2008, , .		5
32	Online ratings: Convergence towards a positive perspective?. , 2014, , .		5
33	Estimation of vertex degrees in a sampled network. , 2017, , .		5
34	Convex combination sequence kernel association test for rareâ€‘variant studies. <i>Genetic Epidemiology</i> , 2020, 44, 352-367.	1.3	5
35	Annotated Minimum Volume Sets for Nonparametric Anomaly Discovery. , 2007, , .		4
36	Context inclusive function evaluation: a case study with EM-based multi-scale multi-granular image classification. <i>Knowledge and Information Systems</i> , 2009, 21, 231-247.	3.2	4

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37	Nonparametric Assessment of Contamination in Multivariate Data Using Generalized Quantile Sets and FDR. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 439-456.	1.7	4
38	Sensor-based localization of epidemic sources on human mobility networks. <i>PLoS Computational Biology</i> , 2021, 17, e1008545.	3.2	4
39	Detection of Multiple Perturbations in Multi-Omics Biological Networks. <i>Biometrics</i> , 2018, 74, 1351-1361.	1.4	3
40	Context-Inclusive Approach to Speed-up Function Evaluation for Statistical Queries : An Extended Abstract. , 2006, , .		1
41	A paradigm for longitudinal complex network analysis over patient cohorts in neuroscience. <i>Network Science</i> , 2019, 7, 196-214.	1.0	1
42	Spectra of a recent bright burst measured by CGRO-COMPTEL: GRB 990123. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	0
43	Editorial: Complexity and emergence in brain network analyses. <i>Frontiers in Computational Neuroscience</i> , 2015, 9, 65.	2.1	0
44	Multiscale network analysis through tail-greedy bottom-up approximation, with applications in neuroscience. , 2017, , .		0
45	Dynamic Networks with Multi-scale Temporal Structure. <i>Sankhya A</i> , 0, , 1.	0.8	0
46	Projecting Quarantine Utilization During a Pandemic. <i>American Journal of Public Health</i> , 2022, 112, 277-283.	2.7	0
47	Discussion of "Co-citation and Co-authorship Networks of Statisticians". <i>Journal of Business and Economic Statistics</i> , 0, , 1-4.	2.9	0