# Yuguo Chen

## List of Publications by Year
in descending order

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|---|---|---|---|
| 38 papers | 1,007 citations | 759233<br>12 h-index | 454955<br>30 g-index |
| 38 all docs | 38 docs citations | 38 times ranked | 876 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Sequential Monte Carlo Methods for Statistical Analysis of Tables. Journal of the American Statistical Association, 2005, 100, 109-120. | 3.1 | 231 |
| 2 | Latent Space Models for Dynamic Networks. Journal of the American Statistical Association, 2015, 110, 1646-1657. | 3.1 | 157 |
| 3 | Re-examination of interestingness measures in pattern mining: a unified framework. Data Mining and Knowledge Discovery, 2010, 21, 371-397. | 3.7 | 103 |
| 4 | State and parameter estimation of hydrologic models using the constrained ensemble Kalman filter. Water Resources Research, 2009, 45, . | 4.2 | 76 |
| 5 | Bayesian Estimation of the DINA Q matrix. Psychometrika, 2018, 83, 89-108. | 2.1 | 70 |
| 6 | Sequential importance sampling for multiway tables. Annals of Statistics, 2006, 34, . | 2.6 | 56 |
| 7 | Latent space models for dynamic networks with weighted edges. Social Networks, 2016, 44, 105-116. | 2.1 | 40 |
| 8 | A Block Model for Node Popularity in Networks with Community Structure. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2018, 80, 365-386. | 2.2 | 28 |
| 9 | A Sampling-Based Approach to Information Recovery. , 2008, , . | | 22 |
| 10 | Volume measures for linkage disequilibrium. BMC Genetics, 2006, 7, 54. | 2.7 | 20 |
| 11 | Functional Brain Changes During Mindfulness-Based Cognitive Therapy Associated With Tinnitus Severity. Frontiers in Neuroscience, 2019, 13, 747. | 2.8 | 19 |
| 12 | Efficient maintenance of materialized top-k views. , 0, , . | | 17 |
| 13 | The Multiset Sampler. Journal of the American Statistical Association, 2009, 104, 1029-1041. | 3.1 | 17 |
| 14 | Sampling for Conditional Inference on Network Data. Journal of the American Statistical Association, 2013, 108, 1295-1307. | 3.1 | 17 |
| 15 | An approach for improving the sampling efficiency in the Bayesian calibration of computationally expensive simulation models. Water Resources Research, 2009, 45, . | 4.2 | 15 |
| 16 | Inferring the Number of Attributes for the Exploratory DINAâModel. Psychometrika, 2021, 86, 30-64. | 2.1 | 15 |
| 17 | Permutation and randomization tests for network analysis. Social Networks, 2019, 59, 171-183. | 2.1 | 14 |
| 18 | Statistical Network Analysis: A Review with Applications to the Coronavirus Disease 2019 Pandemic. International Statistical Review, 2020, 88, 419-440. | 1.9 | 14 |

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|---|---------|----|-----------|
| 19 | Conditional Inference on Tables With Structural Zeros. Journal of Computational and Graphical Statistics, 2007, 16, 445-467. | 1.7 | 12 |
| 20 | Analysis of the Formation of the Structure of Social Networks by Using Latent Space Models for Ranked Dynamic Networks. Journal of the Royal Statistical Society Series C: Applied Statistics, 2015, 64, 611-633. | 1.0 | 12 |
| 21 | An Efficient Sampling Algorithm for Network Motif Detection. Journal of Computational and Graphical Statistics, 2018, 27, 503-515. | 1.7 | 8 |
| 22 | Sampling large tables with constraints. Statistica Sinica, 2011, 21, . | 0.3 | 7 |
| 23 | Augmented Particle Filters. Journal of the American Statistical Association, 2017, 112, 300-313. | 3.1 | 6 |
| 24 | The evolutionary forest algorithm. Bioinformatics, 2007, 23, 1962-1968. | 4.1 | 5 |
| 25 | Identification and Adaptive Control of Change-Point ARX Models Via Rao-Blackwellized Particle Filters. IEEE Transactions on Automatic Control, 2007, 52, 67-72. | 5.7 | 4 |
| 26 | Stochastic approximation Monte Carlo importance sampling for approximating exact conditional probabilities. Statistics and Computing, 2014, 24, 505-520. | 1.5 | 3 |
| 27 | Sampling for Conditional Inference on Contingency Tables. Journal of Computational and Graphical Statistics, 2017, 26, 79-87. | 1.7 | 3 |
| 28 | Null Models and Community Detection in Multi-Layer Networks. Sankhya A, 2022, 84, 163-217. | 0.8 | 3 |
| 29 | Sampling strategies for conditional inference on multigraphs. Statistics and Its Interface, 2018, 11, 649-656. | 0.3 | 3 |
| 30 | A theory for the multiset sampler. Statistics and Probability Letters, 2012, 82, 473-477. | 0.7 | 2 |
| 31 | Modeling Parasite Infection Dynamics when there Is Heterogeneity and Imperfect Detectability. Biometrics, 2013, 69, 683-692. | 1.4 | 2 |
| 32 | Variational approximation for importance sampling. Computational Statistics, 2021, 36, 1901-1930. | 1.5 | 2 |
| 33 | Exponential random graph models for networks resilient to targeted attacks. Statistics and Its Interface, 2015, 8, 267-276. | 0.3 | 2 |
| 34 | Sampling for Conditional Inference on Case-Control Data. Biometrics, 2007, 63, 845-855. | 1.4 | 1 |
| 35 | A Bayesian Nonparametric Latent Space Approach to Modeling Evolving Communities in Dynamic Networks. Bayesian Analysis, 2022, -1, . | 3.0 | 1 |
| 36 | The Self-Multiset Sampler. Journal of Computational and Graphical Statistics, 2018, 27, 34-47. | 1.7 | 0 |

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|---|---------|----|-----------| 
| 37 | Sampling high dimensional tables with applications to assessing linkage disequilibrium. Statistics and Its Interface, 2020, 13, 157-166. | 0.3 | 0 |
| 38 | Discussion of â€œCo-citation and Co-authorship Networks of Statisticiansâ€• Journal of Business and Economic Statistics, 2022, 40, 497-498. | 2.9 | 0 |