# Jonathan Gillard

List of Publications by Year
in descending order

| 29 papers | 298 citations | 933447 10 h-index | 940533 16 g-index |
|---|---|---|---|
| 37 all docs | 37 docs citations | 37 times ranked | 249 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Optimization challenges in the structured low rank approximation problem. Journal of Global Optimization, 2013, 57, 733-751. | 1.8 | 34 |
| 2 | Lipschitz optimization methods for fitting a sum of damped sinusoids to a series of observations. Statistics and Its Interface, 2017, 10, 59-70. | 0.3 | 32 |
| 3 | Cadzow's basic algorithm, alternating projections and singular spectrum analysis. Statistics and Its Interface, 2010, 3, 335-343. | 0.3 | 30 |
| 4 | Understanding and improving the care pathway for children with autism. International Journal of Health Care Quality Assurance, 2019, 32, 208-223. | 0.9 | 24 |
| 5 | Stochastic algorithms for solving structured low-rank matrix approximation problems. Communications in Nonlinear Science and Numerical Simulation, 2015, 21, 70-88. | 3.3 | 19 |
| 6 | Structured low-rank matrix completion for forecasting in time series analysis. International Journal of Forecasting, 2018, 34, 582-597. | 6.5 | 16 |
| 7 | Analysis of Structured Low Rank Approximation as an Optimization Problem. Informatica, 2011, 22, 489-505. | 2.7 | 16 |
| 8 | Method of Moments Estimation in Linear Regression with Errors in both Variables. Communications in Statistics - Theory and Methods, 2014, 43, 3208-3222. | 1.0 | 15 |
| 9 | Weighted norms in subspace-based methods for time series analysis. Numerical Linear Algebra With Applications, 2016, 23, 947-967. | 1.6 | 15 |
| 10 | An initial analysis and reflection of the metrics used in the Teaching Excellence Framework in the UK. Perspectives: Policy and Practice in Higher Education, 2018, 22, 49-57. | 0.6 | 13 |
| 11 | Methods of Fitting Straight Lines where Both Variables are Subject to Measurement Error. Current Clinical Pharmacology, 2009, 4, 164-171. | 0.6 | 9 |
| 12 | Multistart with early termination of descents. Journal of Global Optimization, 2021, 79, 447-462. | 1.8 | 8 |
| 13 | Matching: A Python library for solving matching games. Journal of Open Source Software, 2020, 5, 2169. | 4.6 | 8 |
| 14 | A generalised Box–Cox transformation for the parametric estimation of clinical reference intervals. Journal of Applied Statistics, 2012, 39, 2231-2245. | 1.3 | 7 |
| 15 | Evolutionary dataset optimisation: learning algorithm quality through evolution. Applied Intelligence, 2020, 50, 1172-1191. | 5.3 | 7 |
| 16 | A Queueing Theoretic Approach to Set Staffing Levels in Time-Dependent Dual-Class Service Systems*. Decision Sciences, 2017, 48, 766-794. | 4.5 | 6 |
| 17 | Corrigendum to: Using BradleyTerry models to analyse test match cricket. IMA Journal of Management Mathematics, 2019, 30, 265-265. | 1.6 | 6 |
| 18 | Asymptotic variance–covariance matrices for the linear structural model. Statistical Methodology, 2011, 8, 291-303. | 0.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 19 | Simple nuclear norm based algorithms for imputing missing data and forecasting in time series. Statistics and Its Interface, 2017, 10, 19-25. | 0.3 | 3 |
| 20 | Analysis and Design in the Problem of Vector Deconvolution. Contributions To Statistics, 2016, , 243-251. | 0.2 | 2 |
| 21 | Using Bradleyâ€"Terry models to analyse test match cricket. IMA Journal of Management Mathematics, 2018, , . | 1.6 | 2 |
| 22 | Application of structured low-rank approximation methods for imputing missing values in time series. Statistics and Its Interface, 2015, 8, 321-330. | 0.3 | 2 |
| 23 | Simplicial and Minimal-Variance Distances in Multivariate Data Analysis. Journal of Statistical Theory and Practice, 2022, 16, 1. | 0.5 | 1 |
| 24 | Linear time-dependent reference intervals where there is measurement error in the time variableâ€‰-â€‰a parametric approach. Statistical Methods in Medical Research, 2015, 24, 788-802. | 1.5 | 0 |
| 25 | Global optimization for structured low rank approximation. AIP Conference Proceedings, 2016, , . | 0.4 | 0 |
| 26 | Optimization problems in structured low rank approximation. AIP Conference Proceedings, 2016, , . | 0.4 | 0 |
| 27 | Difference-based Methods for Truncating the Singular Value Decomposition. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 863-879. | 1.2 | 0 |
| 28 | Convex optimization for matrix completion with application to forecasting. AIP Conference Proceedings, 2019, , . | 0.4 | 0 |
| 29 | Global Optimization Challenges in Structured Low Rank Approximation. Lecture Notes in Computer Science, 2017, , 326-330. | 1.3 | 0 |