

# Jonathan Gillard

## List of Publications by Year in descending order

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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	Simplicial and Minimal-Variance Distances in Multivariate Data Analysis. Journal of Statistical Theory and Practice, 2022, 16, 1.	0.5	1
2	Multistart with early termination of descents. Journal of Global Optimization, 2021, 79, 447-462.	1.8	8
3	Evolutionary dataset optimisation: learning algorithm quality through evolution. Applied Intelligence, 2020, 50, 1172-1191.	5.3	7
4	Matching: A Python library for solving matching games. Journal of Open Source Software, 2020, 5, 2169.	4.6	8
5	Convex optimization for matrix completion with application to forecasting. AIP Conference Proceedings, 2019, , .	0.4	0
6	Understanding and improving the care pathway for children with autism. International Journal of Health Care Quality Assurance, 2019, 32, 208-223.	0.9	24
7	Corrigendum to: Using BradleyTerry models to analyse test match cricket. IMA Journal of Management Mathematics, 2019, 30, 265-265.	1.6	6
8	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
9	Using Bradleyâ€™Terry models to analyse test match cricket. IMA Journal of Management Mathematics, 2018, , .	1.6	2
10	Structured low-rank matrix completion for forecasting in time series analysis. International Journal of Forecasting, 2018, 34, 582-597.	6.5	16
11	A Queueing Theoretic Approach to Set Staffing Levels in Timeâ€Dependent Dualâ€™Class Service Systems*. Decision Sciences, 2017, 48, 766-794.	4.5	6
12	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
13	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
14	Global Optimization Challenges in Structured Low Rank Approximation. Lecture Notes in Computer Science, 2017, , 326-330.	1.3	0
15	Weighted norms in subspaceâ€™based methods for time series analysis. Numerical Linear Algebra With Applications, 2016, 23, 947-967.	1.6	15
16	Global optimization for structured low rank approximation. AIP Conference Proceedings, 2016, , .	0.4	0
17	Optimization problems in structured low rank approximation. AIP Conference Proceedings, 2016, , .	0.4	0
18	Analysis and Design in the Problem of Vector Deconvolution. Contributions To Statistics, 2016, , 243-251.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Difference-based Methods for Truncating the Singular Value Decomposition. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 863-879.	1.2	0
20	Linear time-dependent reference intervals where there is measurement error in the time variable—a parametric approach. Statistical Methods in Medical Research, 2015, 24, 788-802.	1.5	0
21	Stochastic algorithms for solving structured low-rank matrix approximation problems. Communications in Nonlinear Science and Numerical Simulation, 2015, 21, 70-88.	3.3	19
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	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
24	Optimization challenges in the structured low rank approximation problem. Journal of Global Optimization, 2013, 57, 733-751.	1.8	34
25	A generalised Box-Cox transformation for the parametric estimation of clinical reference intervals. Journal of Applied Statistics, 2012, 39, 2231-2245.	1.3	7
26	Asymptotic variance-covariance matrices for the linear structural model. Statistical Methodology, 2011, 8, 291-303.	0.5	4
27	Analysis of Structured Low Rank Approximation as an Optimization Problem. Informatica, 2011, 22, 489-505.	2.7	16
28	Cadzow's basic algorithm, alternating projections and singular spectrum analysis. Statistics and Its Interface, 2010, 3, 335-343.	0.3	30
29	Methods of Fitting Straight Lines where Both Variables are Subject to Measurement Error. Current Clinical Pharmacology, 2009, 4, 164-171.	0.6	9