Idris A Eckley

List of Publications by Year
in descending order

		933447	552781
29	2,583	10	26
papers	citations	h-index	g-index
29	29	29	3630
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subset Multivariate Collective and Point Anomaly Detection. Journal of Computational and Graphical Statistics, 2022, 31, 574-585.	1.7	9
2	Innovative and Additive Outlier Robust Kalman Filtering With a Robust Particle Filter. IEEE Transactions on Signal Processing, 2022, 70, 47-56.	5.3	14
3	A linear time method for the detection of collective andÂpoint anomalies. Statistical Analysis and Data Mining, 2022, 15, 494-508.	2.8	9
4	Scalable change-point and anomaly detection in cross-correlated data with an application to condition monitoring. Annals of Applied Statistics, 2022, 16, .	1.1	6
5	Real time anomaly detection and categorisation. Statistics and Computing, 2022, 32, .	1.5	2
6	A wavelet-based approach for imputation in nonstationary multivariate time series. Statistics and Computing, 2021, 31, 1.	1.5	9
7	A nonparametric approach to detecting changes in variance in locally stationary time series. Environmetrics, 2020, 31, e2576.	1.4	5
8	Parallelization of a Common Changepoint Detection Method. Journal of Computational and Graphical Statistics, 2020, 29, 149-161.	1.7	8
9	BayesProject: Fast computation of a projection direction for multivariate changepoint detection. Statistics and Computing, 2020, 30, 1691-1705.	1.5	4
10	Minimum spectral connectivity projection pursuit. Statistics and Computing, 2019, 29, 391-414.	1.5	2
11	Dynamic detection of anomalous regions within distributed acoustic sensing data streams using locally stationary wavelet time series. Data Mining and Knowledge Discovery, 2019, 33, 748-772.	3.7	4
12	Most Recent Changepoint Detection in Panel Data. Technometrics, 2019, 61, 88-98.	1.9	19
13	Dynamic classification using multivariate locally stationary wavelet processes. Signal Processing, 2018, 152, 118-129.	3.7	5
14	A test for the absence of aliasing or local white noise in locally stationary wavelet time series. Biometrika, 2018, , .	2.4	0
15	Computationally Efficient Changepoint Detection for a Range of Penalties. Journal of Computational and Graphical Statistics, 2017, 26, 134-143.	1.7	60
16	A computationally efficient nonparametric approach for changepoint detection. Statistics and Computing, 2017, 27, 1293-1305.	1.5	86
17	Multivariate locally stationary 2D wavelet processes with application to colour texture analysis. Statistics and Computing, 2017, 27, 1129-1143.	1.5	5
18	Divisive clustering of high dimensional data streams. Statistics and Computing, 2016, 26, 1101-1120.	1.5	3

#	Article	IF	Citations
19	Estimating the population local wavelet spectrum with application to non‑stationary functional magnetic resonance imaging time series. Statistics in Medicine, 2015, 34, 3901-3915.	1.6	6
20	The Uncertainty of Storm Season Changes: Quantifying the Uncertainty of Autocovariance Changepoints. Technometrics, 2015, 57, 194-206.	1.9	7
21	A Test of Stationarity for Textured Images. Technometrics, 2014, 56, 291-301.	1.9	12
22	Estimating Time-Evolving Partial Coherence Between Signals via Multivariate Locally Stationary Wavelet Processes. IEEE Transactions on Signal Processing, 2014, 62, 5240-5250.	5.3	41
23	changepoint: An<i>R</i>Package for Changepoint Analysis. Journal of Statistical Software, 2014, 58, .	3.7	772
24	A Note on the Effect of Wavelet Choice on the Estimation of the Evolutionary Wavelet Spectrum. Communications in Statistics Part B: Simulation and Computation, 2013, 42, 393-406.	1.2	8
25	A wavelet-based approach for detecting changes in second order structure within nonstationary time series. Electronic Journal of Statistics, 2013, 7, .	0.7	27
26	Optimal Detection of Changepoints With a Linear Computational Cost. Journal of the American Statistical Association, 2012, 107, 1590-1598.	3.1	1,367
27	Analysis of changepoint models. , 2011, , 205-224.		68
28	Efficient computation of the discrete autocorrelation wavelet inner product matrix. Statistics and Computing, 2005, 15, 83-92.	1.5	22
29	A computationally efficient, high‑dimensional multiple changepoint procedure with application to global terrorism incidence. Journal of the Royal Statistical Society Series A: Statistics in Society, 0, , .	1.1	3