Rebecca Claire Killick

List of Publications by Year
in descending order

39 papers	2,695 citations	687363 13 h-index	414414 32 g-index
46 all docs	46 docs citations	46 times ranked	3946 citing authors

#	Article	IF	Citations
1	The evolving role of weather types on rainfall chemistry under large reductions in pollutant emissions. Environmental Pollution, 2022, 299, 118905.	7.5	9
2	Trend locally stationary wavelet processes. Journal of Time Series Analysis, 2022, 43, 895-917.	1.2	4
3	A comparison of single and multiple changepoint techniques for time series data. Computational Statistics and Data Analysis, 2022, 170, 107433.	1.2	16
4	Autocovariance estimation in the presence of changepoints. Journal of the Korean Statistical Society, 2022, 51, 1021-1040.	0.4	2
5	Changepoint Detection: An Analysis of the Central England Temperature Series. Journal of Climate, 2022, 35, 6329-6342.	3.2	3
6	<i>Data Science in Science:</i> Special Issue on Data Science in Modern Finance. , 2022, 1, 3-4.		0
7	Assessing Daily Patterns Using Home Activity Sensors and Within Period Changepoint Detection. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 579-595.	1.0	2
8	Detecting changes in mean in the presence of time€varying autocovariance. Stat, 2021, 10, e351.	0.4	2
9	Is there seasonal variation in gallstone related admissions in England?. Hpb, 2021, 23, 1732-1743.	0.3	0
10	Evaluating the ability of numerical models to capture important shifts in environmental time series: A fuzzy change point approach. Environmental Modelling and Software, 2021, 139, 104993.	4.5	2
11	Infants Oscillatory Frequencies change during Free-Play. , 2021, 64, 101612.		3
12	A nonparametric approach to detecting changes in variance in locally stationary time series. Environmetrics, 2020, 31, e2576.	1.4	5
13	Considering long€memory when testing for changepoints in surface temperature: A classification approach based on the time€varying spectrum. Environmetrics, 2020, 31, e2568.	1.4	7
14	An assessment of practitioners approaches to forecasting in the presence of changepoints. Quality and Reliability Engineering International, 2020, 36, 2676-2687.	2.3	3
15	A comparison of post-saccadic oscillations in European-Born and China-Born British University Undergraduates. PLoS ONE, 2020, 15, e0229177.	2.5	3
16	High-dimensional changepoint detection via a geometrically inspired mapping. Statistics and Computing, 2020, 30, 1155-1166.	1.5	17
17	The local partial autocorrelation function and some applications. Electronic Journal of Statistics, 2020, 14, .	0.7	7
18	Measuring vision using innate behaviours in mice with intact and impaired retina function. Scientific Reports, 2019, 9, 10396.	3.3	17

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19	A Bayesian binary algorithm for root mean squared-based acoustic signal segmentation. Journal of the Acoustical Society of America, 2019, 146, 1799-1807.	1.1	3
20	The Effects of Previous Error and Success in Alzheimer's Disease and Mild Cognitive Impairment. Scientific Reports, 2019, 9, 20204.	3.3	10
21	Strategy selection versus flexibility: Using eye-trackers to investigate strategy use during mental rotation.. Journal of Experimental Psychology: Learning Memory and Cognition, 2019, 45, 232-245.	0.9	20
22	Abnormalities of saccadic eye movements in dementia due to Alzheimer's disease and mild cognitive impairment. Aging, 2019, 11, 5389-5398.	3.1	51
23	Effect of aging on post-saccadic oscillations. Vision Research, 2018, 143, 1-8.	1.4	11
24	Long memory and changepoint models: a spectral classification procedure. Statistics and Computing, 2018, 28, 291-302.	1.5	7
25	Distinguishing Trends and Shifts from Memory in Climate Data. Journal of Climate, 2018, 31, 9519-9543.	3.2	35
26	Ice front change of marine-terminating outlet glaciers in northwest and southeast Greenland during the 21st century. Journal of Glaciology, 2018, 64, 523-535.	2.2	29
27	Virtual machine warmup blows hot and cold. , 2017, 1, 1-27.		61
28	Regional climate of the Larsen B embayment 1980–2014. Journal of Glaciology, 2017, 63, 683-690.	2.2	18
29	Exceptional retreat of Novaya Zemlya's marine-terminating outlet glaciers between 2000 and 2013. Cryosphere, 2017, 11, 2149-2174.	3.9	24
30	Introductory Statistics and Analytics: A Resampling Perspective. Journal of Statistical Software, 2016, 75, .	3.7	0
31	The Uncertainty of Storm Season Changes: Quantifying the Uncertainty of Autocovariance Changepoints. Technometrics, 2015, 57, 194-206.	1.9	7
32	Just Browsing?. , 2014, , .		6
33	Distributional change of monthly precipitation due to climate change: comprehensive examination of dataset in southeastern United States. Hydrological Processes, 2014, 28, 5212-5219.	2.6	7
34	changepoint: An<i>R</i>Package for Changepoint Analysis. Journal of Statistical Software, 2014, 58, .	3.7	772
35	A wavelet-based approach for detecting changes in second order structure within nonstationary time series. Electronic Journal of Statistics, 2013, 7, .	0.7	27
36	Optimal Detection of Changepoints With a Linear Computational Cost. Journal of the American Statistical Association, 2012, 107, 1590-1598.	3.1	1,367

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37	Analysis of changepoint models. , 2011, , 205-224.		68
38	Detection of changes in variance of oceanographic time-series using changepoint analysis. Ocean Engineering, 2010, 37, 1120-1126.	4.3	69
39	Graphical Influence Diagnostics for Changepoint Models. Journal of Computational and Graphical Statistics, 0, , 1-21.	1.7	0