

# Rebecca Claire Killick

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Optimal Detection of Changepoints With a Linear Computational Cost. Journal of the American Statistical Association, 2012, 107, 1590-1598.	3.1	1,367
2	<b>changepoint</b>: An<i>R</i> Package for Changepoint Analysis. Journal of Statistical Software, 2014, 58, .	3.7	772
3	Detection of changes in variance of oceanographic time-series using changepoint analysis. Ocean Engineering, 2010, 37, 1120-1126.	4.3	69
4	Analysis of changepoint models. , 2011, , 205-224.		68
5	Virtual machine warmup blows hot and cold. , 2017, 1, 1-27.		61
6	Abnormalities of saccadic eye movements in dementia due to Alzheimerâ€™s disease and mild cognitive impairment. Aging, 2019, 11, 5389-5398.	3.1	51
7	Distinguishing Trends and Shifts from Memory in Climate Data. Journal of Climate, 2018, 31, 9519-9543.	3.2	35
8	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
9	A wavelet-based approach for detecting changes in second order structure within nonstationary time series. Electronic Journal of Statistics, 2013, 7, .	0.7	27
10	Exceptional retreat of Novaya Zemlya's marine-terminating outlet glaciers between 2000 and 2013. Cryosphere, 2017, 11, 2149-2174.	3.9	24
11	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
12	Regional climate of the Larsen B embayment 1980â€“2014. Journal of Glaciology, 2017, 63, 683-690.	2.2	18
13	Measuring vision using innate behaviours in mice with intact and impaired retina function. Scientific Reports, 2019, 9, 10396.	3.3	17
14	High-dimensional changepoint detection via a geometrically inspired mapping. Statistics and Computing, 2020, 30, 1155-1166.	1.5	17
15	A comparison of single and multiple changepoint techniques for time series data. Computational Statistics and Data Analysis, 2022, 170, 107433.	1.2	16
16	Effect of aging on post-saccadic oscillations. Vision Research, 2018, 143, 1-8.	1.4	11
17	The Effects of Previous Error and Success in Alzheimerâ€™s Disease and Mild Cognitive Impairment. Scientific Reports, 2019, 9, 20204.	3.3	10
18	The evolving role of weather types on rainfall chemistry under large reductions in pollutant emissions. Environmental Pollution, 2022, 299, 118905.	7.5	9

#	ARTICLE	IF	CITATIONS
19	Distributional change of monthly precipitation due to climate change: comprehensive examination of dataset in southeastern United States. <i>Hydrological Processes</i> , 2014, 28, 5212-5219.	2.6	7
20	The Uncertainty of Storm Season Changes: Quantifying the Uncertainty of Autocovariance Changepoints. <i>Technometrics</i> , 2015, 57, 194-206.	1.9	7
21	Long memory and changepoint models: a spectral classification procedure. <i>Statistics and Computing</i> , 2018, 28, 291-302.	1.5	7
22	Considering long-memory when testing for changepoints in surface temperature: A classification approach based on the time-varying spectrum. <i>Environmetrics</i> , 2020, 31, e2568.	1.4	7
23	The local partial autocorrelation function and some applications. <i>Electronic Journal of Statistics</i> , 2020, 14, .	0.7	7
24	Just Browsing?. , 2014, , .		6
25	A nonparametric approach to detecting changes in variance in locally stationary time series. <i>Environmetrics</i> , 2020, 31, e2576.	1.4	5
26	Trend locally stationary wavelet processes. <i>Journal of Time Series Analysis</i> , 2022, 43, 895-917.	1.2	4
27	A Bayesian binary algorithm for root mean squared-based acoustic signal segmentation. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 1799-1807.	1.1	3
28	An assessment of practitioners approaches to forecasting in the presence of changepoints. <i>Quality and Reliability Engineering International</i> , 2020, 36, 2676-2687.	2.3	3
29	A comparison of post-saccadic oscillations in European-Born and China-Born British University Undergraduates. <i>PLoS ONE</i> , 2020, 15, e0229177.	2.5	3
30	Infants Oscillatory Frequencies change during Free-Play. , 2021, 64, 101612.		3
31	Changepoint Detection: An Analysis of the Central England Temperature Series. <i>Journal of Climate</i> , 2022, 35, 6329-6342.	3.2	3
32	Assessing Daily Patterns Using Home Activity Sensors and Within Period Changepoint Detection. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 579-595.	1.0	2
33	Detecting changes in mean in the presence of time-varying autocovariance. <i>Stat</i> , 2021, 10, e351.	0.4	2
34	Evaluating the ability of numerical models to capture important shifts in environmental time series: A fuzzy change point approach. <i>Environmental Modelling and Software</i> , 2021, 139, 104993.	4.5	2
35	Autocovariance estimation in the presence of changepoints. <i>Journal of the Korean Statistical Society</i> , 2022, 51, 1021-1040.	0.4	2
36	Is there seasonal variation in gallstone related admissions in England?. <i>Hpb</i> , 2021, 23, 1732-1743.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Introductory Statistics and Analytics: A Resampling Perspective. Journal of Statistical Software, 2016, 75, .	3.7	0
38	Graphical Influence Diagnostics for Changepoint Models. Journal of Computational and Graphical Statistics, 0, , 1-21.	1.7	0
39	<i>Data Science in Science:</i> Special Issue on Data Science in Modern Finance. , 2022, 1, 3-4.		0