Andrea Cerioli

List of Publications by Year
in descending order

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57 papers	1,139 citations	394421 19 h-index	414414 32 g-index
60 all docs	60 docs citations	60 times ranked	465 citing authors

#	Article	IF	Citations
1	On Characterizations and Tests of Benfordâ€™s Law. Journal of the American Statistical Association, 2022, 117, 1887-1903.	3.1	8
2	Covariance matrices of S robust regression estimators. Journal of Statistical Computation and Simulation, 2022, 92, 724-747.	1.2	0
3	Editorial for ADAC issue 2 of volume 15 (2021). Advances in Data Analysis and Classification, 2021, 15, 261-265.	1.4	0
4	Editorial for ADAC issue 3 of volume 15 (2021). Advances in Data Analysis and Classification, 2021, 15, 543-546.	1.4	0
5	Editorial for ADAC issue 4 of volume 15 (2021). Advances in Data Analysis and Classification, 2021, 15, 825.	1.4	0
6	Forum on Benfordâ€™s law and statistical methods for the detection of frauds. Statistical Methods and Applications, 2021, 30, 767-778.	1.2	6
7	Editorial for ADAC issue 3 of volume 14 (2020). Advances in Data Analysis and Classification, 2020, 14, 513-515.	1.4	0
8	Wild adaptive trimming for robust estimation and cluster analysis. Scandinavian Journal of Statistics, 2019, 46, 235-256.	1.4	21
9	Assessing trimming methodologies for clustering linear regression data. Advances in Data Analysis and Classification, 2019, 13, 227-257.	1.4	9
10	Comments on: Data science, big data and statistics. Test, 2019, 28, 349-352.	1.1	3
11	Newcombâ€“Benford law and the detection of frauds in international trade. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 106-115.	7.1	46
12	Efficient robust methods via monitoring for clustering and multivariate data analysis. Pattern Recognition, 2019, 88, 246-260.	8.1	10
13	The power of monitoring: how to make the most of a contaminated multivariate sample. Statistical Methods and Applications, 2018, 27, 559-587.	1.2	29
14	Goodness-of-Fit Testing for the Newcomb-Benford Law With Application to the Detection of Customs Fraud. Journal of Business and Economic Statistics, 2018, 36, 346-358.	2.9	25
15	Cluster detection and clustering with random start forward searches. Journal of Applied Statistics, 2018, 45, 777-798.	1.3	12
16	Finding the Number of Normal Groups in Model-Based Clustering via Constrained Likelihoods. Journal of Computational and Graphical Statistics, 2018, 27, 404-416.	1.7	43
17	Rejoinder to the discussion of â€œThe power of monitoring: how to make the most of a contaminated multivariate sampleâ€. Statistical Methods and Applications, 2018, 27, 661-666.	1.2	11
18	Outlier-free merging of homogeneous groups of pre-classified observations under contamination. Journal of Statistical Computation and Simulation, 2017, 87, 2997-3020.	1.2	8

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19	A new family of tempered distributions. Electronic Journal of Statistics, 2016, 10, .	0.7	11
20	Discussion of â€˜Asymptotic Theory of Outlier Detection Algorithms for Linear Time Series Regression Modelsâ€™ by Johansen and Nielsen. Scandinavian Journal of Statistics, 2016, 43, 349-352.	1.4	1
21	Reliable Robust Regression Diagnostics. International Statistical Review, 2016, 84, 99-127.	1.9	9
22	Modeling international trade data with the Tweedie distribution for anti-fraud and policy support. European Journal of Operational Research, 2016, 248, 1031-1043.	5.7	15
23	How to Marry Robustness and Applied Statistics. , 2016, , 51-64.		1
24	Simulating mixtures of multivariate data with fixed cluster overlap in FSDA library. Advances in Data Analysis and Classification, 2015, 9, 461-481.	1.4	19
25	Finding the Number of Disparate Clusters with Background Contamination. Studies in Classification, Data Analysis, and Knowledge Organization, 2015, , 29-42.	0.2	2
26	The Forward Search for Very Large Datasets. Journal of Statistical Software, 2015, 67, .	3.7	7
27	Monitoring robust regression. Electronic Journal of Statistics, 2014, 8, .	0.7	35
28	Robust clustering around regression lines with high density regions. Advances in Data Analysis and Classification, 2014, 8, 5-26.	1.4	25
29	On consistency factors and efficiency of robust S-estimators. Test, 2014, 23, 356-387.	1.1	29
30	Strong consistency and robustness of the Forward Search estimator of multivariate location and scatter. Journal of Multivariate Analysis, 2014, 126, 167-183.	1.0	29
31	Robust distances for outlier-free goodness-of-fit testing. Computational Statistics and Data Analysis, 2013, 65, 29-45.	1.2	26
32	Size and Power of Multivariate Outlier Detection Rules. Studies in Classification, Data Analysis, and Knowledge Organization, 2013, , 3-17.	0.2	6
33	Robustness Issues in Text Mining. Advances in Intelligent Systems and Computing, 2013, , 263-272.	0.6	4
34	Problems and Challenges in the Analysis of Complex Data: Static and Dynamic Approaches. , 2012, , 145-157.		4
35	Error rates for multivariate outlier detection. Computational Statistics and Data Analysis, 2011, 55, 544-553.	1.2	52
36	Some Perspectives on Multivariate Outlier Detection. Studies in Classification, Data Analysis, and Knowledge Organization, 2011, , 231-238.	0.2	2

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37	Special Issue on Robust Methods for Classification and Data Analysis. Advances in Data Analysis and Classification, 2010, 4, 85-87.	1.4	0
38	The forward search: Theory and data analysis. Journal of the Korean Statistical Society, 2010, 39, 117-134.	0.4	66
39	Reply to discussion of â€œThe Forward Search: Theory and data analysisâ€• Journal of the Korean Statistical Society, 2010, 39, 161-163.	0.4	3
40	Multivariate Outlier Detection With High-Breakdown Estimators. Journal of the American Statistical Association, 2010, 105, 147-156.	3.1	105
41	Robust Clustering for Performance Evaluation. Studies in Classification, Data Analysis, and Knowledge Organization, 2010, , 381-390.	0.2	1
42	Controlling the size of multivariate outlier tests with the MCD estimator of scatter. Statistics and Computing, 2009, 19, 341-353.	1.5	30
43	Finding an Unknown Number of Multivariate Outliers. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2009, 71, 447-466.	2.2	134
44	Monitoring Random Start Forward Searches for Multivariate Data. , 2008, , 447-458.		0
45	Special issue on robust multivariate analysis and classification. Statistical Methods and Applications, 2007, 15, 267-269.	1.2	0
46	Automatic Classification of Functional Data with Extremal Information. Studies in Classification, Data Analysis, and Knowledge Organization, 2007, , 99-106.	0.2	0
47	Random Start Forward Searches with Envelopes for Detecting Clusters in Multivariate Data. , 2006, , 163-171.		11
48	Robust Transformations and Outlier Detection with Autocorrelated Data. , 2006, , 262-269.		0
49	Functional Cluster Analysis of Financial Time Series. , 2005, , 333-341.		2
50	Exploring Multivariate Data with the Forward Search. Springer Series in Statistics, 2004, , .	0.9	141
51	Robust methods for the analysis of spatially autocorrelated data. Statistical Methods and Applications, 2002, 11, 335-358.	1.2	12
52	Tests of homogeneity for spatial populations. Statistics and Probability Letters, 2002, 58, 123-130.	0.7	4
53	Testing Mutual Independence Between Two Discrete-Valued Spatial Processes: A Correction to Pearson Chi-Squared. Biometrics, 2002, 58, 888-897.	1.4	14
54	The Ordering of Spatial Data and the Detection of Multiple Outliers. Journal of Computational and Graphical Statistics, 1999, 8, 239-258.	1.7	22

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55	The Ordering of Spatial Data and the Detection of Multiple Outliers. Journal of Computational and Graphical Statistics, 1999, 8, 239.	1.7	22
56	Modified Tests of Independence in 2 x 2 Tables with Spatial Data. Biometrics, 1997, 53, 619.	1.4	55
57	Comparing three partitions: an inferential approach based on multi-way contingency tables. Communications in Statistics - Theory and Methods, 1997, 26, 2457-2471.	1.0	1