Juan Romo

List of Publications by Year
in descending order

52 papers	1,377 citations	567281 15 h-index	361022 35 g-index
54 all docs	54 docs citations	54 times ranked	1015 citing authors

#	Article	IF	Citations
1	Depthgram: Visualizing outliers in high‑dimensional functional data with application to fMRI data exploration. Statistics in Medicine, 2022, 41, 2005-2024.	1.6	5
2	Initializing k-means Clustering by Bootstrap and Data Depth. Journal of Classification, 2021, 38, 232-256.	2.2	22
3	Iterative Variable Selection for High-Dimensional Data: Prediction of Pathological Response in Triple-Negative Breast Cancer. Mathematics, 2021, 9, 222.	2.2	2
4	Censored functional data for incomplete follow‑up studies. Statistics in Medicine, 2021, 40, 2821-2838.	1.6	2
5	Variable selection with P‑splines in functional linear regression: Application in graft‑versus‑host disease. Biometrical Journal, 2020, 62, 1670-1686.	1.0	2
6	A Kendall correlation coefficient between functional data. Advances in Data Analysis and Classification, 2019, 13, 1083-1103.	1.4	16
7	roahd Package: Robust Analysis of High Dimensional Data. R Journal, 2019, 11, 291.	1.8	5
8	Data learning from big data. Statistics and Probability Letters, 2018, 136, 15-19.	0.7	44
9	Unsupervised Scalable Statistical Method for Identifying Influential Users in Online Social Networks. Scientific Reports, 2018, 8, 6955.	3.3	13
10	Homogeneity test for functional data. Journal of Applied Statistics, 2018, 45, 868-883.	1.3	12
11	A novel predictive approach for GVHD after allogeneic SCT based on clinical variables and cytokine gene polymorphisms. Blood Advances, 2018, 2, 1719-1737.	5.2	25
12	Robust unit root tests with autoregressive errors. Communications in Statistics - Theory and Methods, 2016, 45, 5997-6021.	1.0	1
13	Functional boxplots based on epigraphs and hypographs. Journal of Applied Statistics, 2016, 43, 1088-1103.	1.3	7
14	Discussion of "Multivariate functional outlier detection". Statistical Methods and Applications, 2015, 24, 263-267.	1.2	5
15	A New Multiple Single-Nucleotide Polymorphisms Based Predictive Model for Grades III to IV and Extensive Graft Versus Host Disease after Identical HLA-Allogeneic Stem-Cell. Blood, 2015, 126, 921-921.	1.4	4
16	Robust Functional Supervised Classification for Time Series. Journal of Classification, 2014, 31, 325-350.	2.2	7
17	Testing for statistical arbitrage in credit derivatives markets. Journal of Empirical Finance, 2014, 26, 59-75.	1.8	6
18	Shape outlier detection and visualization for functional data: the outliergram. Biostatistics, 2014, 15, 603-619.	1.5	91

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19	Interpretable support vector machines for functional data. European Journal of Operational Research, 2014, 232, 146-155.	5.7	49
20	DepthTools: an R package for a robust analysis of gene expression data. BMC Bioinformatics, 2013, 14, 237.	2.6	7
21	Robust depth-based estimation in the time warping model. Biostatistics, 2012, 13, 398-414.	1.5	12
22	Comparing quantile residual life functions by confidence bands. Lifetime Data Analysis, 2012, 18, 195-214.	0.9	9
23	Unit root bootstrap tests under infinite variance. Journal of Time Series Analysis, 2012, 33, 32-47.	1.2	7
24	Supervised classification for functional data: A weighted distance approach. Computational Statistics and Data Analysis, 2012, 56, 2334-2346.	1.2	20
25	Portfolio selection through an extremality stochastic order. Insurance: Mathematics and Economics, 2012, 51, 1-9.	1.2	12
26	The effect of liquidity on the price discovery process in credit derivatives markets in times of financial distress. European Journal of Finance, 2011, 17, 851-881.	3.1	26
27	Percentile residual life orders. Applied Stochastic Models in Business and Industry, 2011, 27, 235-252.	1.5	12
28	A half-region depth for functional data. Computational Statistics and Data Analysis, 2011, 55, 1679-1695.	1.2	77
29	The percentile residual life up to time t0: Ordering and aging properties. Journal of Statistical Planning and Inference, 2011, 141, 3554-3563.	0.6	1
30	Extremality for Functional Data. Contributions To Statistics, 2011, , 131-134.	0.2	2
31	Robust depth-based tools for the analysis of gene expression data. Biostatistics, 2010, 11, 254-264.	1.5	13
32	On the Concept of Depth for Functional Data. Journal of the American Statistical Association, 2009, 104, 718-734.	3.1	371
33	Depth-based inference for functional data. Computational Statistics and Data Analysis, 2007, 51, 4957-4968.	1.2	47
34	Bootstrap prediction for returns and volatilities in GARCH models. Computational Statistics and Data Analysis, 2006, 50, 2293-2312.	1.2	114
35	Introducing model uncertainty by moving blocks bootstrap. Statistical Papers, 2006, 47, 167-179.	1.2	14
36	Bootstrap prediction intervals for power-transformed time series. International Journal of Forecasting, 2005, 21, 219-235.	6.5	18

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37	Forecast of the expected non-epidemic morbidity of acute diseases using resampling methods. Journal of Applied Statistics, 2005, 32, 281-295.	1.3	3
38	Bootstrap predictive inference for ARIMA processes. Journal of Time Series Analysis, 2004, 25, 449-465.	1.2	88
39	Random coefficient regressions: parametric goodness-of-fit tests. Journal of Statistical Planning and Inference, 2004, 119, 377-400.	0.6	3
40	Resampling time series using missing values techniques. Annals of the Institute of Statistical Mathematics, 2003, 55, 765-796.	0.8	2
41	On sieve bootstrap prediction intervals. Statistics and Probability Letters, 2003, 65, 13-20.	0.7	21
42	Forecasting time series with sieve bootstrap. Journal of Statistical Planning and Inference, 2002, 100, 1-11.	0.6	80
43	Effects of parameter estimation on prediction densities: a bootstrap approach. International Journal of Forecasting, 2001, 17, 83-103.	6.5	47
44	Bootstrap tests for unit roots based on LAD estimation. Journal of Statistical Planning and Inference, 2000, 83, 347-367.	0.6	6
45	Goodness of Fit Tests in Random Coefficient Regression Models. Annals of the Institute of Statistical Mathematics, 1999, 51, 125-148.	0.8	7
46	On the explosion rate of maximum-bias functions. Canadian Journal of Statistics, 1998, 26, 333-351.	0.9	3
47	Stability under contamination of robust regression estimators based on differences of residuals. Journal of Statistical Planning and Inference, 1998, 70, 149-165.	0.6	6
48	Differentiable Functionals and Smoothed Bootstrap. Annals of the Institute of Statistical Mathematics, 1997, 49, 355-370.	0.8	5
49	On the estimation of the influence curve. Canadian Journal of Statistics, 1995, 23, 1-9.	0.9	11
50	On robustness properties of bootstrap approximations. Journal of Statistical Planning and Inference, 1993, 37, 181-191.	0.6	9
51	A New Test of Statistical Arbitrage with Applications to Credit Derivatives Markets. SSRN Electronic Journal, 0, , .	0.4	4
52	The Effects of Liquidity on the Price Discovery Process in Credit Derivatives Markets in Times of Financial Distress. SSRN Electronic Journal, 0, , .	0.4	2