

Miguel A Fernández

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

502
citations

840776

11
h-index

794594

19
g-index

57
all docs

57
docs citations

57
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Types of director, board diversity and firm performance. <i>Corporate Governance (Bingley)</i> , 2020, 20, 324-342.	5.0	120
2	A statistical modeling approach to detect anomalies in energetic efficiency of buildings. <i>Energy and Buildings</i> , 2016, 110, 377-386.	6.7	28
3	Estimation of Parameters Subject to Order Restrictions on a Circle With Application to Estimation of Phase Angles of Cell Cycle Genes. <i>Journal of the American Statistical Association</i> , 2009, 104, 338-347.	3.1	23
4	Identification of a core set of signature cell cycle genes whose relative order of time to peak expression is conserved across species. <i>Nucleic Acids Research</i> , 2012, 40, 2823-2832.	14.5	23
5	Simultaneous Estimation in a Restricted Linear Model. <i>Journal of Multivariate Analysis</i> , 1997, 61, 61-66.	1.0	22
6	Robust Detection of Incipient Faults in VSI-Fed Induction Motors Using Quality Control Charts. <i>IEEE Transactions on Industry Applications</i> , 2017, 53, 3076-3085.	4.9	20
7	Incorporating Additional Information to Normal Linear Discriminant Rules. <i>Journal of the American Statistical Association</i> , 2006, 101, 569-577.	3.1	18
8	Probabilistic assessment and projections of US weather and climate risks and economic damages. <i>Climatic Change</i> , 2020, 158, 503-515.	3.6	17
9	The Loss of Efficiency Estimating Linear Functions under Restrictions. <i>Scandinavian Journal of Statistics</i> , 1999, 26, 579-592.	1.4	14
10	Utility of a mHealth App for Self-Management and Education of Cardiac Diseases in Spanish Urban and Rural Areas. <i>Journal of Medical Systems</i> , 2016, 40, 186.	3.6	14
11	Cost optimization of electrical contracted capacity for large customers. <i>International Journal of Electrical Power and Energy Systems</i> , 2013, 46, 123-131.	5.5	12
12	Broken bar condition monitoring of an induction motor under different supplies using a linear discriminant analysis. , 2013, , .		11
13	The influence of board experience on firm performance: does the director's role matter?. <i>Journal of Management and Governance</i> , 2021, 25, 685-705.	4.1	11
14	Parameter estimation under orthant restrictions. <i>Canadian Journal of Statistics</i> , 2000, 28, 171-181.	0.9	10
15	isocir : An R Package for Constrained Inference Using Isotonic Regression for Circular Data, with an Application to Cell Biology. <i>Journal of Statistical Software</i> , 2013, 54, .	3.7	10
16	Circular Piecewise Regression with Applications to Cell-Cycle Data. <i>Biometrics</i> , 2016, 72, 1266-1274.	1.4	9
17	Technical Analysis as a Rational Tool of Decision Making for Professional Traders. <i>Emerging Markets Finance and Trade</i> , 2016, 52, 2756-2771.	3.1	9
18	Diagnosis of Broken Rotor Bars during the Startup of Inverter-Fed Induction Motors Using the Dragon Transform and Functional ANOVA. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3769.	2.5	9

#	ARTICLE	IF	CITATIONS
19	A classification rule for ordered exponential populations. <i>Journal of Statistical Planning and Inference</i> , 2005, 135, 339-356.	0.6	8
20	Assessing trends in Duane plots using robust fits. <i>Reliability Engineering and System Safety</i> , 2005, 90, 106-113.	8.9	7
21	Determination and Optimization of the Maintenance Frequencies in the Overhead Contact Line System. <i>Journal of Transportation Engineering</i> , 2010, 136, 964-972.	0.9	7
22	Classification of samples into two or more ordered populations with application to a cancer trial. <i>Statistics in Medicine</i> , 2012, 31, 3773-3786.	1.6	7
23	Order restricted inference for oscillatory systems for detecting rhythmic signals. <i>Nucleic Acids Research</i> , 2016, 44, e163-e163.	14.5	7
24	Cheating: One common morality for gains and losses but two components of morality itself. <i>Journal of Behavioral Decision Making</i> , 2020, 33, 166-179.	1.7	7
25	Order restricted inference in chronobiology. <i>Statistics in Medicine</i> , 2020, 39, 265-278.	1.6	7
26	Criticality determination based on failure records for decision-making in the overhead contact line system. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2009, 223, 485-494.	2.0	6
27	Geometric road design factors affecting the risk of urban run-off crashes. A case-control study. <i>PLoS ONE</i> , 2020, 15, e0234564.	2.5	6
28	Determination of Temporal Order among the Components of an Oscillatory System. <i>PLoS ONE</i> , 2015, 10, e0124842.	2.5	6
29	On the maximum likelihood estimator under order restrictions in uniform probability models. <i>Communications in Statistics - Theory and Methods</i> , 1997, 26, 1971-1980.	1.0	5
30	A Bootstrap Based Measure Robust to the Choice of Normalization Methods for Detecting Rhythmic Features in High Dimensional Data. <i>Frontiers in Genetics</i> , 2018, 9, 24.	2.3	5
31	Microarray Data Normalization and Robust Detection of Rhythmic Features. <i>Methods in Molecular Biology</i> , 2019, 1986, 207-225.	0.9	5
32	On Fine Wine Pricing across Different Trading Venues. <i>Journal of Wine Economics</i> , 2021, 16, 189-209.	0.8	5
33	Robustness of classification rules that incorporate additional information. <i>Computational Statistics and Data Analysis</i> , 2008, 52, 2489-2495.	1.2	4
34	Performance and estimation of the true error rate of classification rules built with additional information. An application to a cancer trial. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 583-602.	0.6	4
35	Analysis of real crashes against metal roadside barriers. <i>PLoS ONE</i> , 2019, 14, e0211674.	2.5	3
36	Detection of Geometric Risk Factors Affecting Head-On Collisions through Multiple Logistic Regression: Improving Two-Way Rural Road Design via 2+1 Road Adaptation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6598.	2.6	3

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37	Rational Speculative Bubbles in the Fine Wine Investment Market. Kwartalnik Kolegium Ekonomiczno-Społecznego Studia I Prace, 2015, 3, 159-172.	0.0	3
38	Warning procedures for systems that are improving. Quality and Reliability Engineering International, 2008, 24, 377-387.	2.3	2
39	Circular Order Aggregation and Its Application to Cell-Cycle Genes Expressions. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 819-829.	3.0	2
40	Isotonic boosting classification rules. Advances in Data Analysis and Classification, 2021, 15, 289-313.	1.4	2
41	dawai: AnRPackage for Discriminant Analysis with Additional Information. Journal of Statistical Software, 2015, 66, .	3.7	2
42	The Effect of an Electronic Exchange on Prices and Return Volatility in the Fine Wine Market. Financial Internet Quarterly, 2018, 14, 22-35.	0.3	2
43	A good property of the maximum likelihood estimator in a restricted normal model. Test, 1997, 6, 127-135.	1.1	1
44	The dynamics of concentration and inequality in Spanish industries (1990-2001). Management Research Review, 2004, 27, 57-75.	0.7	1
45	Bayes Discriminant Rules with Ordered Predictors. Journal of Classification, 2009, 26, 201-225.	2.2	1
46	Offering Time-of-Use Electricity Rates to Households in a Formerly Centrally Planned Economy: Insights from Consumer Tests in Poland. Eastern European Economics, 2018, 56, 246-267.	1.4	1
47	Order Book Dynamics of Fine Wine Exchange. Journal of Wine Economics, 2020, 15, 403-411.	0.8	1
48	Parameter Estimation under Orthant Restrictions. Canadian Journal of Statistics, 2000, 28, 171.	0.9	0
49	On Pricing Unconventional Prepaid Forward Contracts: Evidence from en primeur Fine Wine. Journal of Wine Economics, 2019, 14, 400-408.	0.8	0
50	Market makers activity: behavioural and agent based approach. Central European Journal of Operations Research, 2022, 30, 303-322.	1.8	0
51	On the Extension of the Kiyotaki and Wright model to Transformable Goods. Computational Economics, 2021, 57, 989-1014.	2.6	0
52	On the effectiveness of residential involuntary load curtailment programs. Energy Sources, Part B: Economics, Planning and Policy, 2021, 16, 162-178.	3.4	0
53	Efficient Incorporation of Additional Information to Classification Rules. Studies in Classification, Data Analysis, and Knowledge Organization, 2011, , 75-83.	0.2	0
54	DETERMINACION DEL RIESGO OPERACIONAL EN LA LINEA AEREA DE CONTACTO DEL FERROCARRIL. Dyna (Spain), 2014, 89, 665-671.	0.2	0

#	ARTICLE	IF	CITATIONS
55	GUÍA DE BUENAS PRÁCTICAS QUE GARANTICEN LA CONTINUIDAD DE SUMINISTRO ELÉCTRICO EN CENTROS HOSPITALARIOS. Dyna (Spain), 2014, 89, 256-256.	0.2	0
56	Classification of Samples with Order-Restricted Discriminant Rules. Methods in Molecular Biology, 2016, 1362, 159-174.	0.9	0