

Diego J J Pedregal

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,184
citations

361045

20
h-index

264894

42
g-index

80
all docs

80
docs citations

80
times ranked

1437
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting: theory and practice. International Journal of Forecasting, 2022, 38, 705-871.	3.9	256
2	Dynamic harmonic regression. Journal of Forecasting, 1999, 18, 369-394.	1.6	254
3	Environmental time series analysis and forecasting with the Captain toolbox. Environmental Modelling and Software, 2007, 22, 797-814.	1.9	226
4	Mid-term hourly electricity forecasting based on a multi-rate approach. Energy Conversion and Management, 2010, 51, 105-111.	4.4	70
5	Time series methods applied to failure prediction and detection. Reliability Engineering and System Safety, 2010, 95, 698-703.	5.1	64
6	Recursive and en-bloc approaches to signal extraction. Journal of Applied Statistics, 1999, 26, 103-128.	0.6	63
7	A Quarterly Fiscal Database for the Euro Area Based on Intra-Annual Fiscal Information. SSRN Electronic Journal, 0, , .	0.4	63
8	Analysis of judgmental adjustments in the presence of promotions. International Journal of Forecasting, 2013, 29, 234-243.	3.9	60
9	A Toolkit to Strengthen Government Budget Surveillance. SSRN Electronic Journal, 2014, , .	0.4	57
10	An unobserved component model for multi-rate forecasting of telephone call demand: the design of a forecasting support system. International Journal of Forecasting, 2002, 18, 673-695.	3.9	55
11	A support vector machine for model selection in demand forecasting applications. Computers and Industrial Engineering, 2018, 121, 1-7.	3.4	51
12	Electricity prices forecasting by automatic dynamic harmonic regression models. Energy Conversion and Management, 2007, 48, 1710-1719.	4.4	50
13	An algorithmic approach for maintenance management based on advanced state space systems and harmonic regressions. Annals of Operations Research, 2009, 166, 109-124.	2.6	47
14	Monitoring Sub-Central Government Spending in Spain. SSRN Electronic Journal, 0, , .	0.4	47
15	New methods for the condition monitoring of level crossings. International Journal of Systems Science, 2015, 46, 878-884.	3.7	46
16	An econometric analysis of the effects of the penalty points system driver's license in Spain. Accident Analysis and Prevention, 2010, 42, 1310-1319.	3.0	43
17	Short-Term Monitoring of the Spanish Government Balance with Mixed-Frequencies Models. SSRN Electronic Journal, 0, , .	0.4	43
18	State space models for condition monitoring: a case study. Reliability Engineering and System Safety, 2006, 91, 171-180.	5.1	42

#	ARTICLE	IF	CITATIONS
19	RCM2 predictive maintenance of railway systems based on unobserved components models. Reliability Engineering and System Safety, 2004, 83, 103-110.	5.1	41
20	Unobserved Component models applied to the assessment of wear in railway points: A case study. European Journal of Operational Research, 2007, 176, 1703-1712.	3.5	41
21	Applied RCM2 algorithms based on statistical methods. International Journal of Automation and Computing, 2007, 4, 109-116.	4.5	38
22	Should quarterly government finance statistics be used for fiscal surveillance in Europe?. International Journal of Forecasting, 2010, 26, 794-807.	3.9	31
23	From legislation to compliance: The power of traffic law enforcement for the case study of Spain. Transport Policy, 2019, 75, 1-9.	3.4	29
24	The usefulness of infra-annual government cash budgetary data for fiscal forecasting in the euro area. Journal of Policy Modeling, 2010, 32, 98-119.	1.7	27
25	Can fear of going to jail reduce the number of road fatalities? The Spanish experience. Journal of Safety Research, 2011, 42, 223-228.	1.7	25
26	Supply chain decision support systems based on a novel hierarchical forecasting approach. Decision Support Systems, 2018, 114, 29-36.	3.5	24
27	Modulated cycles, an approach to modelling periodic components from rapidly sampled data. International Journal of Forecasting, 2006, 22, 181-194.	3.9	23
28	Macro-economic relativity: government spending, private investment and unemployment in the USA 1948-1998. Structural Change and Economic Dynamics, 1999, 10, 359-380.	2.1	21
29	A non-linear forecasting system for the Ebro River at Zaragoza, Spain. Environmental Modelling and Software, 2009, 24, 502-509.	1.9	20
30	Fiscal policy analysis in the euro area: Expanding the toolkit. Journal of Policy Modeling, 2014, 36, 800-823.	1.7	20
31	Modelling demand for crude oil products in Spain. Energy Policy, 2009, 37, 4417-4427.	4.2	19
32	A novel time-varying bullwhip effect metric: An application to promotional sales. International Journal of Production Economics, 2016, 182, 465-471.	5.1	18
33	ECOTOOL: A general MATLAB Forecasting Toolbox with Applications to Electricity Markets. Energy Systems, 2012, , 151-171.	0.5	17
34	High Speed Rail: Fast tracking tourism in the EU?. Annals of Tourism Research, 2018, 71, 64-66.	3.7	16
35	How many lives can bloody and shocking road safety advertising save? The case of Spain. Transportation Research Part F: Traffic Psychology and Behaviour, 2012, 15, 174-187.	1.8	15
36	Frequency domain methods applied to forecasting electricity markets. Energy Economics, 2009, 31, 727-735.	5.6	14

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37	Modelling and forecasting occupational accidents of different severity levels in Spain. Reliability Engineering and System Safety, 2010, 95, 1134-1141.	5.1	14
38	Development of improved adaptive approaches to electricity demand forecasting. Journal of the Operational Research Society, 2008, 59, 1066-1076.	2.1	13
39	Vibration analysis diagnostics by continuous-time models: A case study. Reliability Engineering and System Safety, 2009, 94, 244-253.	5.1	13
40	What role will hubs play in the LCC point-to-point connections era? The Spanish experience. Journal of Transport Geography, 2012, 24, 262-270.	2.3	13
41	The trend towards convergence in road accident fatality rates in Europe: The contributions of non-economic variables. Transport Policy, 2014, 35, 229-240.	3.4	13
42	Automatic selection of unobserved components models for supply chain forecasting. International Journal of Forecasting, 2019, 35, 157-169.	3.9	12
43	Comments on "An analysis of the international tourism demand in Spain" by P. González and P. Moral. International Journal of Forecasting, 1997, 13, 551-556.	3.9	11
44	Adjusted combination of moving averages: A forecasting system for medium-term solar irradiance. Applied Energy, 2021, 298, 117155.	5.1	10
45	Big Data and Web Intelligence for Condition Monitoring. Advances in Data Mining and Database Management Book Series, 2015, , 149-163.	0.4	10
46	Temporary speed limit changes: An econometric estimation of the effects of the Spanish Energy Efficiency and Saving Plan. Economic Modelling, 2014, 44, S68-S76.	1.8	9
47	Legal reform and the devolution of the Spanish Port System: An econometric assessment. Utilities Policy, 2018, 50, 73-82.	2.1	9
48	Measuring the LCC effect on charter airlines in the Spanish airport system. Journal of Air Transport Management, 2017, 65, 110-117.	2.4	8
49	How much does water consumption drop when each household takes charge of its own consumption? The case of the city of Seville. Applied Economics, 2013, 45, 4465-4473.	1.2	6
50	An econometric analysis of the Spanish fresh fish market. ICES Journal of Marine Science, 2014, 71, 628-635.	1.2	6
51	Time series analysis and forecasting with ECOTOOL. PLoS ONE, 2019, 14, e0221238.	1.1	6
52	Statistical Approaches to Modeling and Forecasting Time Series. , 0, , 69-104.		6
53	Experimental designs for autoregressive models applied to industrial maintenance. Reliability Engineering and System Safety, 2015, 133, 87-94.	5.1	5
54	An econometric evaluation of the management of large-scale transport infrastructure in Spain during the great recession: Lessons for infrastructure bubbles. Economic Modelling, 2016, 53, 302-313.	1.8	5

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55	Seasonality in High Frequency Time Series. <i>Econometrics and Statistics</i> , 2023, 27, 62-82.	0.4	5
56	Ex-ante assessment of the Spanish Occupational Health and Safety Strategy (2007-2012) using a State Space framework. <i>Reliability Engineering and System Safety</i> , 2013, 110, 14-21.	5.1	4
57	Impact of the forecast price on economic results for methanol production from olive waste. <i>Fuel</i> , 2021, 295, 120631.	3.4	4
58	Stochastic unobserved component models for adaptive signal extraction and forecasting. , 0, , .		3
59	Assessing fear of flying after a plane crash. The "Rainman" effect " Myth or reality?. <i>Journal of Air Transport Management</i> , 2012, 20, 20-22.	2.4	3
60	SSpace: A Toolbox for State Space Modeling. <i>Journal of Statistical Software</i> , 2018, 87, .	1.8	3
61	AN ALGORITHM FOR DETECTING FAULTS IN RAILWAY POINT MECHANISMS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006, 39, 1360-1365.	0.4	2
62	Short-term monitoring of the Spanish government balance. <i>SERIEs</i> , 2011, 2, 97-119.	0.7	2
63	Forecasting uranium prices: Some empirical results. <i>Nuclear Engineering and Technology</i> , 2020, 52, 1334-1339.	1.1	2
64	Seasonality in High Frequency Time Series. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
65	New algorithms for automatic modelling and forecasting of decision support systems. <i>Decision Support Systems</i> , 2021, 148, 113585.	3.5	2
66	SSpace: A Flexible and General State Space Toolbox for MATLAB. , 2012, , 615-636.		2
67	Forecasting with STAMP. <i>OR Insight</i> , 1996, 9, 29-32.	0.1	1
68	Bayesian analysis of time series (BATS). <i>International Journal of Forecasting</i> , 1996, 12, 429-432.	3.9	1
69	Forecasting turbine problems by means of the state space framework. <i>Journal of Loss Prevention in the Process Industries</i> , 2011, 24, 432-439.	1.7	1
70	Digital Filters for Maintenance Management. , 2011, , .		0
71	Supply Chain Demand Forecasting: Towards an Integrated Approach. , 2012, , 275-282.		0
72	An Algorithm for Detecting Faults in Railway Point Mechanisms. , 2007, , 1360-1365.		0