

# Javier Cara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3134369/publications.pdf>

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8  
papers

152  
citations

1478505

6  
h-index

1872680

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modal contribution and state space order selection in operational modal analysis. Mechanical Systems and Signal Processing, 2013, 38, 276-298.	8.0	48
2	An approach to operational modal analysis using the expectation maximization algorithm. Mechanical Systems and Signal Processing, 2012, 31, 109-129.	8.0	37
3	Computing the modal mass from the state space model in combined experimentalâ€œoperational modal analysis. Journal of Sound and Vibration, 2016, 370, 94-110.	3.9	24
4	Periodically correlated models for short-term electricity load forecasting. Applied Mathematics and Computation, 2020, 364, 124642.	2.2	23
5	Estimating the modal parameters from multiple measurement setups using a joint state space model. Mechanical Systems and Signal Processing, 2014, 43, 171-191.	8.0	11
6	Modal identification of structures from input/output data using the expectation-maximization algorithm and uncertainty quantification by mean of the bootstrap. Structural Control and Health Monitoring, 2019, 26, e2272.	4.0	9
7	State space model and its estimation for Operational Modal Analysis with non-white noise inputs. Procedia Engineering, 2017, 199, 906-911.	1.2	0
8	Planning Intensive Care Resources: A Forecast and Simulation Approach Due COVID-19 Pandemic in Rio de Janeiro City. Springer Proceedings in Mathematics and Statistics, 2021, , 535-544.	0.2	0