Jesús M Zamarreño

List of Publications by Year
in descending order

13 papers	**731** citations
1040056 **9** h-index	1058476 **14** g-index
16 all docs	**16** docs citations
16 times ranked	**714** citing authors

#	Article	IF	Citations
1	Prediction of hourly energy consumption in buildings based on a feedback artificial neural network. Energy and Buildings, 2005, 37, 595-601.	6.7	311
2	State space neural network. Properties and application. Neural Networks, 1998, 11, 1099-1112.	5.9	137
3	Neural predictive control. Application to a highly non-linear system. Engineering Applications of Artificial Intelligence, 1999, 12, 149-158.	8.1	124
4	State space neural networks and model-decomposition methods for fault diagnosis of complex industrial systems. Engineering Applications of Artificial Intelligence, 2019, 79, 67-86.	8.1	41
5	State-space neural network for modelling, prediction and control. Control Engineering Practice, 2000, 8, 1063-1075.	5.5	32
6	Energy savings and guaranteed thermal comfort in hotel rooms through nonlinear model predictive controllers. Energy and Buildings, 2016, 129, 59-68.	6.7	21
7	A short-term temperature forecaster based on a state space neural network. Engineering Applications of Artificial Intelligence, 2002, 15, 459-464.	8.1	20
8	Modeling photosynthetically oxygenated biodegradation processes using artificial neural networks. Journal of Hazardous Materials, 2008, 155, 51-57.	12.4	13
9	A new plug-in for the creation of OPC servers based on EcosimPro© simulation software. Simulation Modelling Practice and Theory, 2014, 40, 86-94.	3.8	10
10	Agent-based modeling of an activated sludge process in a batch reactor. , 2011, , .		7
11	Evaluación de restricciones de confort en controlador predictivo para la eficiencia energética. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2021, 18, 150.	1.0	4
12	NEURAL PREDICTIVE CONTROL TOOLBOX FOR CACSD IN MATLAB ENVIRONMENT. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 61-66.	0.4	1
13	An OOP Agent-Based Model for the Activated Studge Process Using MATLAB. Advances in Intelligent and Soft Computing, 2012, , 241-248.	0.2	1