Sebastian Rodriguez

List of Publications by Year
in descending order

18 papers	**227** citations	1307594 **7** h-index	1281871 **11** g-index
18 all docs	**18** docs citations	**18** times ranked	**223** citing authors

#	Article	IF	Citations
1	Performance degrades less under increased workload with the addition of speech control in a dynamic environment. Applied Ergonomics, 2021, 96, 103486.	3.1	3
2	Run-time environment for the SARL agent-programming language: the example of the Janus platform. Future Generation Computer Systems, 2020, 107, 1105-1115.	7.5	9
3	Phase identification and substation detection using data analysis on limited electricity consumption measurements. Electric Power Systems Research, 2020, 187, 106450.	3.6	15
4	Model transformations from the SARL agent-oriented programming language to an object-oriented programming language. International Journal of Agent Oriented Software Engineering, 2019, 7, 37.	0.4	1
5	An Artificial Immune Network for Distributed Demand-Side Management in Smart Grids. Information Sciences, 2018, 438, 32-45.	6.9	11
6	A metamodeling approach for the identification of organizational smells in multi-agent systems: application to ASPECS. Artificial Intelligence Review, 2018, 49, 183-210.	15.7	5
7	Special issue on smart interactions in cyber-physical systems: Humans, agents, robots, machines, and sensors. ETRI Journal, 2018, 40, 417-420.	2.0	6
8	Multiagent Model for Distributed Peak Shaving System with Demand-Side Management Approach. , 2017, , .		7
9	Engineering multi-agent systems using feedback loops and holarchies. Engineering Applications of Artificial Intelligence, 2016, 55, 14-25.	8.1	5
10	Neural Network for Estimating Daily Global Solar Radiation Using Temperature, Humidity and Pressure as Unique Climatic Input Variables. Smart Grid and Renewable Energy, 2016, 07, 94-103.	1.1	14
11	A New Perspective on Multi-Agent Environment with SARL. Procedia Computer Science, 2015, 56, 526-531.	2.0	8
12	An Analysis and Prototyping Approach for Cyber-Physical Systems. Procedia Computer Science, 2015, 56, 520-525.	2.0	5
13	SARL: A General-Purpose Agent-Oriented Programming Language. , 2014, , .		64
14	An approach for the integration of swarm intelligence in MAS: An engineering perspective. Expert Systems With Applications, 2013, 40, 1323-1332.	7.6	5
15	Formal specification of an immune based agent architecture. Engineering Applications of Artificial Intelligence, 2010, 23, 505-513.	8.1	4
16	An adaptative agent architecture for holonic multi-agent systems. ACM Transactions on Autonomous and Adaptive Systems, 2008, 3, 1-24.	0.8	28
17	A FORMAL HOLONIC FRAMEWORK WITH PROVED SELF-ORGANIZING CAPABILITIES. International Journal of Cooperative Information Systems, 2007, 16, 7-25.	0.8	8
18	An Analysis and Design Concept for Self-organization in Holonic Multi-agent Systems. , 2006, , 15-27.		29