Maxime Wack

List of Publications by Year
in descending order

		1040056	1125743
20 papers	**1,036** citations	**9** h-index	**13** g-index
21 all docs	**21** docs citations	**21** times ranked	**971** citing authors

#	Article	IF	Citations
1	Disturbance-Observer-Based Control for Air Management of PEM Fuel Cell Systems via Sliding Mode Technique. IEEE Transactions on Control Systems Technology, 2019, 27, 1129-1138.	5.2	207
2	Dependability overview for autonomous vehicles and reliability analysis for basic safety messages. , 2018, , .		4
3	Fault tree analysis for the intelligent vehicular networks. , 2018, , .		2
4	Decision making for best cogeneration power integration into a grid. AIP Conference Proceedings, 2016, , .	0.4	2
5	A study of users' acceptance and satisfaction of emergency call service. International Journal of Communication Systems, 2016, 29, 2279-2291.	2.5	4
6	Contribution to the Models of Performance of Cogeneration Systems Integration. Energy Procedia, 2015, 74, 1580-1588.	1.8	4
7	Comparison of robust and adaptive second order sliding mode control in PEMFC air-feed systems. International Journal of Hydrogen Energy, 2015, 40, 9491-9504.	7.1	47
8	Adaptive Second-Order Sliding Mode Observer-Based Fault Reconstruction for PEM Fuel Cell Air-Feed System. IEEE Transactions on Control Systems Technology, 2015, 23, 1098-1109.	5.2	157
9	PEM fuel cell air-feed system observer design for automotive applications: An adaptive numerical differentiation approach. International Journal of Hydrogen Energy, 2014, 39, 17210-17221.	7.1	57
10	A decentralized approach for information dissemination in Vehicular Ad hoc Networks. Journal of Network and Computer Applications, 2014, 46, 154-165.	9.1	13
11	Robust control of the PEM fuel cell air-feed system via sub-optimal second order sliding mode. Applied Energy, 2013, 104, 945-957.	10.1	145
12	Load governor based on constrained extremum seeking for PEM fuel cell oxygen starvation and compressor surge protection. International Journal of Hydrogen Energy, 2013, 38, 14314-14322.	7.1	50
13	Differential flatness-based observer design for a PEM fuel cell using adaptive-gain sliding mode differentiators. , 2013, , .		7
14	On the Use of Location-Based Services and Geofencing Concepts for Safety and Road Transport Efficiency. Communications in Computer and Information Science, 2013, , 135-144.	0.5	5
15	TransportML platform for collaborative location-based services. Service Oriented Computing and Applications, 2012, 6, 363-378.	1.6	9
16	Pressure control in a PEM fuel cell via second order sliding mode. International Journal of Hydrogen Energy, 2012, 37, 16104-16116.	7.1	76
17	Cascade control of the moto-compressor of a PEM fuel cell via second order sliding mode. , 2011, , .		12
18	Wireless communication technologies for ITS applications [Topics in Automotive Networking. , 2010, 48, 156-162.		220

#	Article	IF	Citations
19	Modeling and Specification of Web Services Composition Using UML-S. , 2008, , .		14
20	A New Approach for the Reliability of Vehicular Ad Hoc Networks. SSRN Electronic Journal, 0, , .	0.4	0