Jan Vascak

List of Publications by Year
in descending order

23 papers	**232** citations	1478505 **6** h-index	1372567 **10** g-index
25 all docs	**25** docs citations	**25** times ranked	**173** citing authors

#	Article	IF	Citations
1	Adaptation of fuzzy cognitive maps by migration algorithms. Kybernetes, 2012, 41, 429-443.	2.2	51
2	Interactive evolutionary optimization of fuzzy cognitive maps. Neurocomputing, 2017, 232, 58-68.	5.9	32
3	Path Planning in Dynamic Environment using Fuzzy Cognitive Maps. , 2008, , .		31
4	Hierarchical fuzzy inference system for robotic pursuit evasion task. , 2008, , .		19
5	Approaches in adaptation of fuzzy cognitive maps for navigation purposes. , 2010, , .		19
6	Psychophysiological Indicators for Modeling User Experience in Interactive Digital Entertainment. Sensors, 2019, 19, 989.	3.8	12
7	Agent-Based Cloud Computing Systems for Traffic Management. , 2016, , .		10
8	Means of IoT and Fuzzy Cognitive Maps in Reactive Navigation of Ubiquitous Robots. Electronics (Switzerland), 2021, 10, 809.	3.1	8
9	Fuzzy Control of a Physical Double Inverted Pendulum Model. Lecture Notes in Computer Science, 1999, , 482-494.	1.3	6
10	A proposal for Multi-Purpose Fuzzy Cognitive Maps library for complex system modeling. , 2015, , .		5
11	Local weather prediction system for a heating plant using cognitive approaches. Computers in Industry, 2015, 74, 110-118.	9.9	5
12	Three-term relation neuro-fuzzy cognitive maps. , 2014, , .		4
13	Fuzzy Cluster Identification Using Neural Networks. , 2000, , 220-230.		4
14	Navigation Fuzzy Cognitive Maps Adjusted by PSO. , 2019, , .		3
15	Automatic Path Planning Offloading Mechanism in Edge-Enabled Environments. Mathematics, 2021, 9, 3117.	2.2	3
16	Automatic Design and Optimization of Fuzzy Inference Systems. Intelligent Systems Reference Library, 2013, , 287-309.	1.2	2
17	Intelligent space at center for intelligent technologies â€" system proposal. , 2017, , .		2
18	Real-Time Fuzzy Logic-based Hybrid Robot Path-Planning Strategies for a Dynamic Environment. , 2013, , 115-141.		2

#	Article	IF	Citations
19	Robotic attention manager using fuzzy controller with fractal analysis. , 2016, , .		1
20	Intelligent Space Design for Robotic and IoT Applications. , 2020, , .		1
21	Design of a Fuzzy Adaptive Autopilot. , 2000, , 276-281.		1
22	Adaptive Classifier of Candlestick Formations for Prediction of Trends. Advances in Intelligent Systems and Computing, 2013, , 373-383.	0.6	0
23	Efficient FCM computations using sparse matrix-vector multiplication. , 2016, , .		0