

# Jan Vascak

## List of Publications by Year in descending order

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23  
papers

232  
citations

1478280

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1372474

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all docs

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docs citations

25  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Means of IoT and Fuzzy Cognitive Maps in Reactive Navigation of Ubiquitous Robots. Electronics (Switzerland), 2021, 10, 809.	1.8	8
2	Automatic Path Planning Offloading Mechanism in Edge-Enabled Environments. Mathematics, 2021, 9, 3117.	1.1	3
3	Intelligent Space Design for Robotic and IoT Applications. , 2020, , .		1
4	Navigation Fuzzy Cognitive Maps Adjusted by PSO. , 2019, , .		3
5	Psychophysiological Indicators for Modeling User Experience in Interactive Digital Entertainment. Sensors, 2019, 19, 989.	2.1	12
6	Intelligent space at center for intelligent technologies " system proposal. , 2017, , .		2
7	Interactive evolutionary optimization of fuzzy cognitive maps. Neurocomputing, 2017, 232, 58-68.	3.5	32
8	Robotic attention manager using fuzzy controller with fractal analysis. , 2016, , .		1
9	Efficient FCM computations using sparse matrix-vector multiplication. , 2016, , .		0
10	Agent-Based Cloud Computing Systems for Traffic Management. , 2016, , .		10
11	A proposal for Multi-Purpose Fuzzy Cognitive Maps library for complex system modeling. , 2015, , .		5
12	Local weather prediction system for a heating plant using cognitive approaches. Computers in Industry, 2015, 74, 110-118.	5.7	5
13	Three-term relation neuro-fuzzy cognitive maps. , 2014, , .		4
14	Automatic Design and Optimization of Fuzzy Inference Systems. Intelligent Systems Reference Library, 2013, , 287-309.	1.0	2
15	Adaptive Classifier of Candlestick Formations for Prediction of Trends. Advances in Intelligent Systems and Computing, 2013, , 373-383.	0.5	0
16	Real-Time Fuzzy Logic-based Hybrid Robot Path-Planning Strategies for a Dynamic Environment. , 2013, , 115-141.		2
17	Adaptation of fuzzy cognitive maps by migration algorithms. Kybernetes, 2012, 41, 429-443.	1.2	51
18	Approaches in adaptation of fuzzy cognitive maps for navigation purposes. , 2010, , .		19

#	ARTICLE	IF	CITATIONS
19	Path Planning in Dynamic Environment using Fuzzy Cognitive Maps. , 2008, , .		31
20	Hierarchical fuzzy inference system for robotic pursuit evasion task. , 2008, , .		19
21	Design of a Fuzzy Adaptive Autopilot. , 2000, , 276-281.		1
22	Fuzzy Cluster Identification Using Neural Networks. , 2000, , 220-230.		4
23	Fuzzy Control of a Physical Double Inverted Pendulum Model. Lecture Notes in Computer Science, 1999, , 482-494.	1.0	6