

# Jan Vascak

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

232  
citations

1478280

6  
h-index

1372474

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. <i>Kybernetes</i> , 2012, 41, 429-443.	1.2	51
2	Interactive evolutionary optimization of fuzzy cognitive maps. <i>Neurocomputing</i> , 2017, 232, 58-68.	3.5	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. <i>Sensors</i> , 2019, 19, 989.	2.1	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. <i>Electronics (Switzerland)</i> , 2021, 10, 809.	1.8	8
9	Fuzzy Control of a Physical Double Inverted Pendulum Model. <i>Lecture Notes in Computer Science</i> , 1999, , 482-494.	1.0	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. <i>Computers in Industry</i> , 2015, 74, 110-118.	5.7	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. <i>Mathematics</i> , 2021, 9, 3117.	1.1	3
16	Automatic Design and Optimization of Fuzzy Inference Systems. <i>Intelligent Systems Reference Library</i> , 2013, , 287-309.	1.0	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.	0.5	0
23	Efficient FCM computations using sparse matrix-vector multiplication. , 2016, , .		0