

Irina Vatamaniuk

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

105
citations

1683354

5
h-index

1588620

8
g-index

32
all docs

32
docs citations

32
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of Methods and Algorithms of Robot Swarm Aggregation. Journal of Physics: Conference Series, 2017, 803, 012146.	0.3	17
2	Method for automated generation of road accident scene sketch based on data from mobile device camera. Transportation Research Procedia, 2020, 50, 608-613.	0.8	12
3	Physiological and Medico-Social Research Trends of the Wave P300 and More Late Components of Visual Event-Related Potentials. Brain Sciences, 2021, 11, 125.	1.1	10
4	Automatic control of robotic swarm during convex shape generation. , 2016, , .		9
5	Integration of Corporate Electronic Services into a Smart Space Using Temporal Logic of Actions. Lecture Notes in Computer Science, 2017, , 134-143.	1.0	9
6	Convex Shape Generation by Robotic Swarm. , 2016, , .		6
7	Scenarios of Multimodal Information Navigation Services for Users in Cyberphysical Environment. Lecture Notes in Computer Science, 2016, , 588-595.	1.0	6
8	Justification of the technical requirements of a fully functional modular robot. MATEC Web of Conferences, 2017, 113, 02008.	0.1	4
9	Processing models for conflicting user requests in ubiquitous corporate smart spaces. MATEC Web of Conferences, 2018, 161, 03006.	0.1	3
10	Comparative Study of Synchronous and Non-synchronous Rectifiers for Use in the Receiving Part of a Wireless Charging System. Smart Innovation, Systems and Technologies, 2020, , 675-685.	0.5	3
11	Mathematical methods to estimate image blur and recognize faces in the system of automatic conference participant registration. Automation and Remote Control, 2015, 76, 2011-2020.	0.4	2
12	Architecture Transformation of the Corporate Information Providing System for a Scientific Organization. , 2019, , .		2
13	Applying Multitask Deep Learning to Emotion Recognition in Speech. Proceedings of Southwest State University, 2021, 25, 82-109.	0.3	2
14	A*-Based Path Planning Algorithm for Swarm Robotics. Lecture Notes in Computer Science, 2020, , 107-115.	1.0	2
15	Robot Navigation System in Stochastic Environment Based on Reinforcement Learning on Lidar Data. Smart Innovation, Systems and Technologies, 2020, , 537-547.	0.5	2
16	Algorithms for Acceleration of Image Processing at Automatic Registration of Meeting Participants. Lecture Notes in Computer Science, 2014, , 89-96.	1.0	2
17	Architectural Solutions for Integrating a Video Conferencing Module into Cyberphysical Intelligent Space. Informatsionno-Upravliaiushchie Sistemy, 2018, 1, 2-10.	0.3	2
18	Using the random components of the jitter of speech pitch period to assess the state of the user of social-cyber-physical system. Telfor Journal, 2019, 11, 102-107.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Investigation of Speech Signal Parameters Reflecting the Truth of Transmitted Information. Lecture Notes in Computer Science, 2016, , 419-426.	1.0	1
20	Self-reconfiguration algorithms for robotic systems. Robotics and Technical Cybernetics, 2018, 6, 48-59.	0.1	1
21	Providing Availability of the Smart Space Services by Means of Incoming Data Control Methods. Lecture Notes in Computer Science, 2018, , 170-180.	1.0	1
22	Development of technical appearance of human-machine interface for group control of unmanned robots when performing agricultural tasks. Robotics and Technical Cybernetics, 2022, 9, 299-311.	0.1	1
23	Methods and Algorithms of Audio-Video Signal Processing for Analysis of Indoor Human Activity. Intelligent Systems Reference Library, 2018, , 139-173.	1.0	0
24	Personalization of User Interaction with Corporate Information Providing System Based on Analysis of User Preferences. , 2020, , .		0
25	Model of Adaptive Management of Personalized Notifications in Corporate Information Providing System. , 2020, , .		0
26	Blur Estimation Methods for System of Audiovisual Monitoring of Meeting Participants. Lecture Notes in Computer Science, 2014, , 145-152.	1.0	0