

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 | Development of technical appearance of human-machine interface for group control of unmanned robots when performing agricultural tasks. <i>Robotics and Technical Cybernetics</i> , 2022, 9, 299-311. | 0.1 | 1 |
| 2 | Applying Multitask Deep Learning to Emotion Recognition in Speech. <i>Proceedings of Southwest State University</i> , 2021, 25, 82-109. | 0.3 | 2 |
| 3 | Physiological and Medico-Social Research Trends of the Wave P300 and More Late Components of Visual Event-Related Potentials. <i>Brain Sciences</i> , 2021, 11, 125. | 1.1 | 10 |
| 4 | Method for automated generation of road accident scene sketch based on data from mobile device camera. <i>Transportation Research Procedia</i> , 2020, 50, 608-613. | 0.8 | 12 |
| 5 | Personalization of User Interaction with Corporate Information Providing System Based on Analysis of User Preferences. , 2020, , . | | 0 |
| 6 | Model of Adaptive Management of Personalized Notifications in Corporate Information Providing System. , 2020, , . | | 0 |
| 7 | A*-Based Path Planning Algorithm for Swarm Robotics. <i>Lecture Notes in Computer Science</i> , 2020, , 107-115. | 1.0 | 2 |
| 8 | Robot Navigation System in Stochastic Environment Based on Reinforcement Learning on Lidar Data. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 537-547. | 0.5 | 2 |
| 9 | Comparative Study of Synchronous and Non-synchronous Rectifiers for Use in the Receiving Part of a Wireless Charging System. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 675-685. | 0.5 | 3 |
| 10 | Architecture Transformation of the Corporate Information Providing System for a Scientific Organization. , 2019, , . | | 2 |
| 11 | Using the random components of the jitter of speech pitch period to assess the state of the user of social-cyber-physical system. <i>Telfor Journal</i> , 2019, 11, 102-107. | 0.7 | 2 |
| 12 | Methods and Algorithms of Audio-Video Signal Processing for Analysis of Indoor Human Activity. <i>Intelligent Systems Reference Library</i> , 2018, , 139-173. | 1.0 | 0 |
| 13 | Processing models for conflicting user requests in ubiquitous corporate smart spaces. <i>MATEC Web of Conferences</i> , 2018, 161, 03006. | 0.1 | 3 |
| 14 | Self-reconfiguration algorithms for robotic systems. <i>Robotics and Technical Cybernetics</i> , 2018, 6, 48-59. | 0.1 | 1 |
| 15 | Providing Availability of the Smart Space Services by Means of Incoming Data Control Methods. <i>Lecture Notes in Computer Science</i> , 2018, , 170-180. | 1.0 | 1 |
| 16 | Architectural Solutions for Integrating a Video Conferencing Module into Cyberphysical Intelligent Space. <i>Informatsionno-Upravliaiushchie Sistemy</i> , 2018, 1, 2-10. | 0.3 | 2 |
| 17 | Integration of Corporate Electronic Services into a Smart Space Using Temporal Logic of Actions. <i>Lecture Notes in Computer Science</i> , 2017, , 134-143. | 1.0 | 9 |
| 18 | Survey of Methods and Algorithms of Robot Swarm Aggregation. <i>Journal of Physics: Conference Series</i> , 2017, 803, 012146. | 0.3 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Justification of the technical requirements of a fully functional modular robot. MATEC Web of Conferences, 2017, 113, 02008. | 0.1 | 4 |
| 20 | Automatic control of robotic swarm during convex shape generation. , 2016, , . | | 9 |
| 21 | Convex Shape Generation by Robotic Swarm. , 2016, , . | | 6 |
| 22 | Scenarios of Multimodal Information Navigation Services for Users in Cyberphysical Environment. Lecture Notes in Computer Science, 2016, , 588-595. | 1.0 | 6 |
| 23 | Investigation of Speech Signal Parameters Reflecting the Truth of Transmitted Information. Lecture Notes in Computer Science, 2016, , 419-426. | 1.0 | 1 |
| 24 | 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 |
| 25 | Algorithms for Acceleration of Image Processing at Automatic Registration of Meeting Participants. Lecture Notes in Computer Science, 2014, , 89-96. | 1.0 | 2 |
| 26 | Blur Estimation Methods for System of Audiovisual Monitoring of Meeting Participants. Lecture Notes in Computer Science, 2014, , 145-152. | 1.0 | 0 |