Nikolay Teslya

List of Publications by Year
in descending order

68 papers	475 citations	1163117 8 h-index	1058476 14 g-index
74 all docs	74 docs citations	74 times ranked	393 citing authors

#	Article	IF	Citations
1	Robot Coalition Coordination in Precision Agriculture by Smart Contracts in Blockchain. Smart Innovation, Systems and Technologies, 2022, , 271-283.	0.6	2
2	Estimation and Aggregation Method of Open Data Sources for Road Accident Analysis. Lecture Notes in Networks and Systems, 2022, , 1025-1034.	0.7	0
3	Modeling of Robot Interaction in Coalition Through Smart Space and Blockchain: Precision Agriculture Scenario. Lecture Notes in Business Information Processing, 2021, , 481-497.	1.0	0
4	Intelligent Robots Coalition Formation in Cyberphysical Space for Emergency Response. Studies in Systems, Decision and Control, 2021, , 267-282.	1.0	0
5	Ontology-Based Human-Computer Cloud for Decision Support. , 2021, , 410-430.		0
6	Use of Fuzzy Coalition Games in Socially Oriented Decision Making During Hospitalization in Pandemic. Informatics and Automation, 2021, 20, 1090-1114.	0.9	0
7	Estimating Position of Multiple People in Common 3D Space via City Surveillance Cameras. , 2021, , .		1
8	Multi-robot Coalition Formation for Precision Agriculture Scenario Based on Gazebo Simulator. Smart Innovation, Systems and Technologies, 2021, , 329-341.	0.6	5
9	Assessment Formation of Open Data Sources During Their Aggregation For Analyzing Road Accidents. , 2021, , .		0
10	Natural Language Processing Workflow for Customer Request Analysis in a Company. IFAC-PapersOnLine, 2021, 54, 1206-1211.	0.9	0
11	Human Psychophysiological Activity Estimation Based on Smartphone Camera and Wearable Electronics. Future Internet, 2020, 12, 111.	3.8	6
12	Integrating Computer Vision Technologies for Smart Surveillance Purpose. , 2020, , .		4
13	Cloud-Based Driver Monitoring System Using a Smartphone. IEEE Sensors Journal, 2020, 20, 6701-6715.	4.7	59
14	Usage of Smart Contracts with FCG for Dynamic Robot Coalition Formation in Precision Farming. Lecture Notes in Business Information Processing, 2020, , 115-133.	1.0	3
15	Modelling and Visualization of Robot Coalition Interaction through Smart Space and Blockchain. , 2020, , .		1
16	Survey Analysis System for Participatory Budgeting Studies: Saint Petersburg Case. Communications in Computer and Information Science, 2020, , 237-249.	0.5	0
17	Ontology-Based Interaction of Mobile Robots for Coalition Creation. , 2020, , 1030-1047.		0
18	Execution Plan Control in Dynamic Coalition of Robots with Smart Contracts and Blockchain. Information (Switzerland), 2020, 11, 28.	2.9	5

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19	Ontology-Based Coalition Creation by Autonomous Agents in Smart Space. Advances in Computer and Electrical Engineering Book Series, 2020, , 28-50.	0.3	1
20	Ontology Matching for Product Lifecycle Management. IFIP Advances in Information and Communication Technology, 2020, , 256-269.	0.7	0
21	Personalized Information Representation to Anonymous Users: Digital Signage Case. Advances in Intelligent Systems and Computing, 2020, , 74-86.	0.6	0
22	Driver Intelligent Support System in Internet of Transportation Things: Smartphone-Based Approach. , 2019, , .		2
23	Enactable Electronic Contracts in E-Commerce: Models, Technologies and Architectures. , 2019, , .		0
24	The Concept of the Deviant Behavior Detection System via Surveillance Cameras. Lecture Notes in Computer Science, 2019, , 169-183.	1.3	3
25	Digital Signage Personalization for Smart City: Major Requirements and Approach. , 2019, , .		2
26	Digital Signage Personalization Through Analysis of the Visual Information About Viewers. , 2019, , .		1
27	Smart City Platform Architecture for Citizens' Mobility Support. Procedia Computer Science, 2019, 150, 646-653.	2.0	10
28	Industrial Socio-Cyberphysical System's Consumables Tokenization for Smart Contracts in Blockchain. Lecture Notes in Business Information Processing, 2019, , 344-355.	1.0	4
29	Ridesharing for Carsharing Service Provider: Driver and Pedestrian Route Matching. , 2019, , .		0
30	Classification of Text Documents Based on a Probabilistic Topic Model. Scientific and Technical Information Processing, 2019, 46, 314-320.	0.6	1
31	Fuzzy Cooperative Games Usage in Smart Contracts for Dynamic Robot Coalition Formation: Approach and Use Case Description. , 2019, , .		8
32	Robot Coalition Formation Based on Fuzzy Cooperative Games over Blockchain-Based Smart Contracts. IFIP Advances in Information and Communication Technology, 2019, , 346-355.	0.7	2
33	Ontology-Based Fragmented Company Knowledge Integration: Multi-aspect Ontology Building. Lecture Notes in Business Information Processing, 2019, , 181-189.	1.0	2
34	Coalition-oriented mobile robot and people operation in social cyber-physical-systems based on the ontological approach. Science Bulletin of the Novosibirsk State Technical University, 2019, , 55-70.	0.0	0
35	Human–Machine Cloud Decision Support in Tourism. Scientific and Technical Information Processing, 2018, 45, 352-359.	0.6	2
36	Ontology-Based Human-Computer Cloud for Decision Support. International Journal of Embedded and Real-Time Communication Systems, 2018, 9, 1-19.	0.5	11

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37	Blockchain Platforms Overview for Industrial IoT Purposes. , 2018, , .		25
38	Ontology-Based Interaction of Mobile Robots for Coalition Creation. International Journal of Embedded and Real-Time Communication Systems, 2018, 9, 63-78.	0.5	2
39	Profiling Contributors in the Human-Computer Cloud. , 2018, , .		0
40	Blockchain-Oriented Coalition Formation by CPS Resources: Ontological Approach and Case Study. Electronics (Switzerland), 2018, 7, 66.	3.1	10
41	Robot Interaction Through Smart Contract for Blockchain-Based Coalition Formation. IFIP Advances in Information and Communication Technology, 2018, , 611-620.	0.7	7
42	Ontology Matching for Socio-Cyberphysical Systems: An Approach Based on Background Knowledge. Lecture Notes in Computer Science, 2017, , 29-39.	1.3	4
43	Blockchain-based platform architecture for industrial IoT. , 2017, , .		74
44	Topic model visualization with IPython. , 2017, , .		6
45	Context-Based Trip Planning in Infomobility System for Public Transport. Advances in Intelligent Systems and Computing, 2016, , 361-371.	0.6	2
46	Hybrid automated line workstations interaction scenario for optical devices assembly. , 2016, , .		2
47	Development of a prototype Cyber Physical Production System with help of Smart-M3. , 2016, , .		6
48	Human-computer cloud for decision support in tourism: Approach and architecture. , 2016, , .		9
49	Smart tourism destination support scenario based on human-computer cloud. , 2016, , .		6
50	Decision support in tourism based on human-computer cloud. , 2016, , .		6
51	Context-Aware Access Control Model for Privacy Support in Mobile-Based Assisted Living. Journal of Intelligent Systems, 2015, 24, 333-342.	1.6	5
52	Industrial cyber-physical system for lenses assembly: configuration workstation scenario. , 2015, , .		8
53	Smart-M3-based robots self-organization in pick-and-place system. , 2015, , .		7
54	Smart space-based intelligent mobile tourist guide: Service-based implementation. , 2014, , .		8

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55	Proactive Recommendation System for m-Tourism Application. Lecture Notes in Business Information Processing, 2014, , 113-127.	1.0	8
56	Smart-M3-based robot interaction in cyber-physical systems. , 2014, , .		4
57	Smart Space-Based Tourist Recommendation System. Lecture Notes in Computer Science, 2014, , 40-51.	1.3	22
58	Mobile application for guiding tourist activities: tourist assistant - TAIS. , 2014, , .		32
59	Web mapping service for mobile tourist guide. , 2014, , .		11
60	Ontology for Resource Self-organisation in Cyber-Physical-Social Systems. Communications in Computer and Information Science, 2014, , 184-195.	0.5	11
61	OpenStreetMap-Based Dynamic Ridesharing Service. Lecture Notes in Geoinformation and Cartography, 2014, , 119-134.	1.0	5
62	Recommendation system for tourist attraction information service. , 2013, , .		21
63	Context-based access control for ridesharing service. , 2013, , .		2
64	Intelligent tourist guiding service based on Smart-M3 platform. , 2013, , .		1
65	Context-aware access control model for Smart-M3 platform. , 2013, , .		4
66	Knowledge Management for Complex Product Development. IFIP Advances in Information and Communication Technology, 2013, , 110-119.	0.7	9
67	Virtual Tourist Hub for Infomobility - Service-Oriented Architecture and Major Components. , 2013, , .		0
68	Smart Logistic Service for Dynamic Ridesharing. Lecture Notes in Computer Science, 2012, , 140-151.	1.3	11