

# Sergej Jakovlev

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

127  
citations

1683934

5  
h-index

1474057

9  
g-index

34  
all docs

34  
docs citations

34  
times ranked

78  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative Context Data Acquisition and Dissemination for Situation Identification in Vehicular Communication Networks. <i>Wireless Personal Communications</i> , 2015, 85, 49-62.	1.8	28
2	OUTBOUND SUPPLY CHAIN COLLABORATION MODELLING BASED ON THE AUTOMOTIVE INDUSTRY. <i>Transport</i> , 2013, 29, 223-230.	0.6	10
3	INTEGRATION OF MOBILE CONTROL SYSTEMS INTO INTERMODAL CONTAINER TRANSPORTATION MANAGEMENT. <i>Transport</i> , 2012, 27, 40-48.	0.6	7
4	Advanced Approach of Multiagent Based Buoy Communication. <i>Scientific World Journal</i> , The, 2015, 2015, 1-6.	0.8	7
5	Analysis of the efficiency of shipping containers handling/loading control methods and procedures. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401882122.	0.8	7
6	Research of Quay Crane Control Algorithm with Embedded Sway Control Sub-routine. , 2019, , .		7
7	Prediction Based Context Data Dissemination and Storage Model for Cooperative Vehicular Networks. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 21-30.	0.5	7
8	Communication Technologies for the Improvement of Marine Transportation Operations. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013, 46, 469-474.	0.4	5
9	Modeling and experimental research of quay crane cargo lowering processes. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401989692.	0.8	5
10	Application of Neural Network Predictive Control Methods to Solve the Shipping Container Sway Control Problem in Quay Cranes. <i>IEEE Access</i> , 2021, 9, 78253-78265.	2.6	5
11	Development of Method for Service Support Management in Vehicular Communication Networks. <i>Advances in Electrical and Electronic Engineering</i> , 2017, 15, .	0.2	5
12	Analysis of the Efficiency of Quay Crane Control. , 2019, , .		4
13	Development of the Real Time Situation Identification Model for Adaptive Service Support in Vehicular Communication Networks Domain. <i>Advances in Electrical and Electronic Engineering</i> , 2013, 11, .	0.2	4
14	RESEARCH ON SHIP AUTONOMOUS STEERING CONTROL FOR SHORT-SEA SHIPPING PROBLEMS. <i>Transport</i> , 2017, 32, 198-208.	0.6	4
15	Use Case of Quay Crane Container Handling Operations Monitoring using ICT to Detect Abnormalities in Operator Actions. , 2020, , .		4
16	Detecting Shipping Container Impacts with Vertical Cell Guides inside Container Ships during Handling Operations. <i>Sensors</i> , 2022, 22, 2752.	2.1	4
17	PRIORITY BASED TAG AUTHENTICATION AND ROUTING ALGORITHM FOR INTERMODAL CONTAINERS RFID SENSOR NETWORK. <i>Transport</i> , 2012, 27, 373-382.	0.6	3
18	Energy loss model in a Wireless Sensor Network. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
19	An Adaptive Method for Inspecting Illumination of Color Intensity in Transparent Polyethylene Terephthalate Preforms. IEEE Access, 2020, 8, 83189-83198.	2.6	2
20	e-services providing complex containers cargo conditions monitoring information system. , 2011, , .		1
21	Energy saving in industrial processes using modern data acquisition systems. , 2012, , .		1
22	Application of predictive control methods for Radio telescope disk rotation control. Soft Computing, 2014, 18, 707-716.	2.1	1
23	Vulnerabilities in GSM technology and feasibility of selected attacks. , 2015, , .		1
24	Surveillance systems for intermodal transportation. , 2015, , .		1
25	RFID/WSN Middleware Approach for Container Monitoring. , 2015, , 7289-7300.		1
26	Application of a Mobile LoRaWAN System in a Container Terminal to Collect Sensory Data. , 2021, , .		1
27	Encryption for confidentiality of the network and influence of this to the quality of streaming video through network. Proceedings of SPIE, 2015, , .	0.8	0
28	Multi-sensor Data Fusion Technique to Detect Radiation Emission in Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2018, , 135-144.	0.3	0
29	Research on e-transport energy consumption and mobile power source capacity optimization evaluating regenerative energy. , 2018, , .		0
30	Correction to "An Adaptive Method for Inspecting Illumination of Color Intensity in Transparent Polyethylene Terephthalate Preforms" IEEE Access, 2020, 8, 163365-163365.	2.6	0
31	Container Handling Operation Modeling and Estimation. Communications in Computer and Information Science, 2021, , 279-289.	0.4	0
32	Mobile Services Providing Devices Rating Based on Priority Settings in Wireless Communication Systems. Communications in Computer and Information Science, 2011, , 1-8.	0.4	0
33	Predictive Control of Radio Telescope Using Multi-layer Perceptron Neural Network. Advances in Intelligent Systems and Computing, 2013, , 233-244.	0.5	0