Vitalii S Naumov

List of Publications by Year
in descending order

41	232	1163117 8	1125743 13
papers	citations	h-index	g-index

43	43	43	135
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection and Monitoring of Bottom-Up Cracks in Road Pavement Using a Machine-Learning Approach. Algorithms, 2020, 13, 81.	2.1	37
2	Optimizing Resources of Multimodal Transport Terminal for Material Flow Service. Sustainability, 2020, 12, 6545.	3.2	15
3	Studying Demand for Freight Forwarding Services in Ukraine on the Base of Logistics Portals Data. Procedia Engineering, 2017, 187, 317-323.	1.2	14
4	Choosing the logistics chain structure for deliveries of bulk loads: case study of the Republic Kazakhstan. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2021, , 142-147.	0.7	12
5	Identifying the Optimal Packing and Routing to Improve Last-Mile Delivery Using Cargo Bicycles. Energies, 2021, 14, 4132.	3.1	12
6	Choosing a servicing companyâ€™s strategy while interacting with freight owners at the road transport market. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2021, , 204-210.	0.7	10
7	Substantiation of Loading Hub Location for Electric Cargo Bikes Servicing City Areas with Restricted Traffic. Energies, 2021, 14, 839.	3.1	9
8	Model of the Delivery Routes Forming Process as a Service Provided by Forwarding Companies. Procedia Engineering, 2017, 187, 167-172.	1.2	8
9	Approach to simulations of goods deliveries with the use of cargo bicycles. AIP Conference Proceedings, 2019, , .	0.4	8
10	Choosing the Localisation of Loading Points for the Cargo Bicycles System in the Krakow Old Town. Lecture Notes in Networks and Systems, 2019, , 353-362.	0.7	8
11	Using city-bike stopovers to reveal spatial patterns of urban attractiveness. Current Issues in Tourism, 0, , 1-18.	7.2	8
12	Sustainable suburban supply chain. Transportation Research Procedia, 2020, 45, 795-802.	1.5	7
13	Model of multimodal transport node functioning. Archives of Transport, 2015, 36, 43-54.	1.1	7
14	Class Library for Simulations of Passenger Transfer Nodes as Elements of the Public Transport System. Procedia Engineering, 2017, 187, 77-81.	1.2	6
15	Modeling Demand for Freight Forwarding Services on the Grounds of Logistics Portals Data. Transportation Research Procedia, 2018, 30, 324-331.	1.5	6
16	Fuzzy-Logic Approach to Estimate the Passengers' Preference when Choosing a Bus Line within the Public Transport System. Communications - Scientific Letters of the University of Zilina, 2021, 23, A150-A157.	0.6	6
17	Using the Petri nets for forming the technological lines of the passenger trains processing in Ukraine. Archives of Transport, 2016, 38, 7-15.	1.1	6
18	Estimation of the bus delay at the stopping point on the base of traffic parameters. Archives of Transport, 2015, 35, 15-25.	1.1	5

#	Article	IF	Citations
19	Optimizing the number of vehicles for a public bus line on the grounds of computer simulations. , 2017, , .		4
20	Synchronisation of Timetables for Public Bus Lines Using Genetic Algorithms and Computer Simulations. Lecture Notes in Networks and Systems, 2018, , 44-53.	0.7	4
21	Genetic-based algorithm of the public transport lines synchronization in a transfer node. Transportation Research Procedia, 2020, 47, 315-322.	1.5	4
22	Substantiating the Logistics Chain Structure While Servicing the Flow of Requests for Road Transport Deliveries. Sustainability, 2020, 12, 1635.	3.2	4
23	Modeling demand for deliveries by cargo bicycles in the Old Town of KrakÃ³w. Transportation Research Procedia, 2021, 52, 11-18.	1.5	4
24	ESTIMATION OF TRANSPORT ACCESSIBILITY IN CASE OF RATIONAL TRANSPORT HUB LOCATION. Transport, 2021, 36, 1-12.	1.2	4
25	Simulating a Macrosystem of Cargo Deliveries by Road Transport Based on Big Data Volumes: A Case Study of Poland. Energies, 2022, 15, 5111.	3.1	4
26	Estimating the Vehiclesâ€™ Number for Servicing a Flow of Requests on Goods Delivery. Transportation Research Procedia, 2017, 27, 412-419.	1.5	3
27	Estimating Parameters of Demand for Trips by Public Bicycle System Using GPS Data. Advances in Intelligent Systems and Computing, 2020, , 213-224.	0.6	3
28	Modeling Demand for Passenger Transfers in the Bounds of Public Transport Network. Advances in Intelligent Systems and Computing, 2019, , 156-163.	0.6	2
29	Evaluation of the Transport Impact on Environmental Pollution Due to the Use of Cargo Bikes. Lecture Notes in Networks and Systems, 2021, , 570-579.	0.7	2
30	Optimizing Energy Consumption in Internal Transportation Using Dynamic Transportation Vehicles Assignment Model: Case Study in Printing Company. Energies, 2021, 14, 4557.	3.1	2
31	Evaluation of freight forwarder risk to transportation market entry. Eastern-European Journal of Enterprise Technologies, 2015, 4, 28.	0.5	2
32	Simulation Model of Requestsâ€™ Flow Processing at Logistics Center. Springer Proceedings in Business and Economics, 2018, , 70-79.	0.3	1
33	Shaping the Optimal Technology for Servicing the Long-Distance Deliveries of Packaged Cargo by Road Transport. Sustainability, 2022, 14, 7283.	3.2	1
34	Neural networks applications for environmental safety assessment of roads in Ukraine. Budownictwo I Architektura, 2020, 13, 339-347.	0.3	0
35	Estimating the Number of Dispatchers of a Freight Forwarding Company on the Base of Computer Simulations. Advances in Intelligent Systems and Computing, 2018, , 183-192.	0.6	0
36	FORMING DELIVERY ROUTES WHILE PROCESSING THE STOCHASTIC FLOW OF REQUESTS FOR FORWARDING SERVICES. Transport Problems, 2018, 12, 73-82.	0.6	0

#	Article	IF	Citations
37	Choosing location of the loading point for the system of goods delivery by cargo bikes. WUT Journal of Transportation Engineering, 2018, 120, 309-318.	0.2	0
38	Dividing investments into sustainable development of railway transport system as linear programming problem. , 2018, , .		0
39	Using Clustering Algorithms to Identify Recreational Trips Within a Bike-Sharing System. Lecture Notes in Networks and Systems, 2020, , 130-138.	0.7	0
40	Mixed Fuzzy-Logic and Game-Theoretical Approach to Justify Vehicle Models for Servicing the Public Bus Line. Communications - Scientific Letters of the University of Zilina, 2022, 24, A26-A34.	0.6	0
41	Selecting a Rational Scheme of Delivery by Road Transport: A Case Study of Goods Deliveries from China to Russia through Kazakhstan. Sustainability, 2022, 14, 4954.	3.2	0