Aleksandr Marusin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Development of a mathematical model of fuel equipment and the rationale for diagnosing diesel engines by moving the injector needle. IOP Conference Series: Earth and Environmental Science, 2020, 422, 012126.	0.3	145
2	A method for assessing the influence of automated traffic enforcement system parameters on traffic safety. Transportation Research Procedia, 2018, 36, 500-506.	1.5	140
3	Evaluation of Functional Efficiency of Automated Traffic Enforcement Systems. Transportation Research Procedia, 2017, 20, 288-294.	1.5	128
4	Methodical approaches for creation of intelligent management information systems by means of energy resources of technical facilities. E3S Web of Conferences, 2019, 140, 10008.	0.5	116
5	DEVELOPMENT OF THE MATHEMATICAL MODEL OF FUEL EQUIPMENT AND JUSTIFICATION FOR DIAGNOSING DIESEL ENGINES BY INJECTOR NEEDLE DISPLACEMENT. Transport Problems, 2020, 15, 93-104.	0.6	116
6	A model for justification of the number of traffic enforcement facilities in the region. Transportation Research Procedia, 2018, 36, 493-499.	1.5	93
7	Method to evaluate performance of measurement equipment in automated vehicle traffic control systems. Transportation Research Procedia, 2020, 50, 20-27.	1.5	91
8	Areas of focus in ensuring the environmental safety of motor transport. Transportation Research Procedia, 2020, 50, 68-76.	1.5	87
9	Methodological aspects of building mathematical model to evaluate efficiency of automated vehicle traffic control systems. Transportation Research Procedia, 2020, 50, 253-261.	1.5	83
10	Model of multi-level system managing automated traffic enforcement facilities recording traffic violations. Transportation Research Procedia, 2020, 50, 242-252.	1.5	79
11	Diagnosis of the Fuel Equipment of Diesel Engines with Multicylinder High Pressure Fuel Injection Pump for the Movement of the Injector Valve for the Diagnostic Device. , 2018, , .		77
12	CDF simulation-based research of influence of mechanical defects in nozzles on environmental parameters of automotive diesel engines. Transportation Research Procedia, 2020, 50, 182-191.	1.5	74
13	Digital Technologies and Complexes for Provision of Vehicular Traffic Safety. , 0, , .		74
14	Improving safety of using ambulance vehicles in large cities. Transportation Research Procedia, 2020, 50, 716-726.	1.5	66
15	Method for improving the safety of diesel vehicles when operating on gas engine fuel (gas diesel) Tj ETQq1 1 ().784314 rgE 1.5	BT /Qverloc
16	Solutions to the main transportation problems in the Arctic zone of the Russian Federation. Transportation Research Procedia, 2021, 57, 154-162.	1.5	24
17	Application of the RFID technology in logistics. Transportation Research Procedia, 2021, 57, 452-462.	1.5	22
18	Forecasting the Passage Time of the Queue of Highly Automated Vehicles Based on Neural Networks in the Services of Cooperative Intelligent Transport Systems. Mathematics, 2022, 10, 282.	2.2	21

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19	Formal strategy for solving problems of management and organization of processes in the transport and logistics systems of the Arctic region. Transportation Research Procedia, 2021, 57, 277-284.	1.5	17
20	Impact of vehicular pollution on the Arctic. Transportation Research Procedia, 2021, 57, 479-488.	1.5	16
21	Theoretical principles of redundancy and patterns of transport and technological complexes' adaptation to the operating conditions. Transportation Research Procedia, 2021, 57, 291-300.	1.5	15
22	Determination of performance criteria for organizing the operation of terminal and warehouse complexes. Transportation Research Procedia, 2021, 57, 122-126.	1.5	15
23	Comparative analysis of the entropic organization of road transport systems in the representative regions of the Arctic zone of Russia. Transportation Research Procedia, 2021, 57, 409-420.	1.5	15
24	Analysis of the intersection throughput at changes in the traffic flow structure. Transportation Research Procedia, 2021, 57, 192-199.	1.5	13
25	Application of digital technologies in railway transport. Transportation Research Procedia, 2021, 57, 463-469.	1.5	11
26	Influence of temperature on the performance and life cycle of storage batteries. Transportation Research Procedia, 2021, 57, 652-659.	1.5	11
27	Influence of performance criteria on the selection of electric traction equipment and a temperature control system for a battery-powered vehicle with an electric traction drive. Transportation Research Procedia, 2021, 57, 711-720.	1.5	10
28	A new technology of vehicle parts' washing at low temperatures. Transportation Research Procedia, 2021, 57, 163-171.	1.5	10