Aleksandr Marusin

List of Publications by Year
in descending order

28 papers	1,625 citations	516710 16 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	95 citing authors

#	Article	IF	Citations
1	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
2	Impact of vehicular pollution on the Arctic. Transportation Research Procedia, 2021, 57, 479-488.	1.5	16
3	Application of digital technologies in railway transport. Transportation Research Procedia, 2021, 57, 463-469.	1.5	11
4	Application of the RFID technology in logistics. Transportation Research Procedia, 2021, 57, 452-462.	1.5	22
5	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
6	Solutions to the main transportation problems in the Arctic zone of the Russian Federation. Transportation Research Procedia, 2021, 57, 154-162.	1.5	24
7	Analysis of the intersection throughput at changes in the traffic flow structure. Transportation Research Procedia, 2021, 57, 192-199.	1.5	13
8	Theoretical principles of redundancy and patterns of transport and technological complexesâ€™ adaptation to the operating conditions. Transportation Research Procedia, 2021, 57, 291-300.	1.5	15
9	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
10	Influence of temperature on the performance and life cycle of storage batteries. Transportation Research Procedia, 2021, 57, 652-659.	1.5	11
11	Determination of performance criteria for organizing the operation of terminal and warehouse complexes. Transportation Research Procedia, 2021, 57, 122-126.	1.5	15
12	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
13	A new technology of vehicle partsâ€™ washing at low temperatures. Transportation Research Procedia, 2021, 57, 163-171.	1.5	10
14	Method to evaluate performance of measurement equipment in automated vehicle traffic control systems. Transportation Research Procedia, 2020, 50, 20-27.	1.5	91
15	Areas of focus in ensuring the environmental safety of motor transport. Transportation Research Procedia, 2020, 50, 68-76.	1.5	87
16	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
17	Method for improving the safety of diesel vehicles when operating on gas engine fuel (gas diesel) Tj ETQq1 1 0.784314 rgBT /Overloc	1.5	56
18	Model of multi-level system managing automated traffic enforcement facilities recording traffic violations. Transportation Research Procedia, 2020, 50, 242-252.	1.5	79

#	Article	IF	Citations
19	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
20	Improving safety of using ambulance vehicles in large cities. Transportation Research Procedia, 2020, 50, 716-726.	1.5	66
21	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
22	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
23	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
24	A model for justification of the number of traffic enforcement facilities in the region. Transportation Research Procedia, 2018, 36, 493-499.	1.5	93
25	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
26	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
27	Evaluation of Functional Efficiency of Automated Traffic Enforcement Systems. Transportation Research Procedia, 2017, 20, 288-294.	1.5	128
28	Digital Technologies and Complexes for Provision of Vehicular Traffic Safety. , 0, , .		74