

# Vladislav Dygalo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4640714/publications.pdf>

Version: 2024-02-01

13  
papers

129  
citations

1683354

5  
h-index

1473754

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring of vehicles' active safety systems in operation. Transportation Research Procedia, 2020, 50, 113-120.	0.8	66
2	Principles of application of virtual and physical simulation technology in production of digital twin of active vehicle safety systems. Transportation Research Procedia, 2020, 50, 121-129.	0.8	23
3	Real-time diagnostic complex of automated car active safety system unit. IOP Conference Series: Materials Science and Engineering, 2020, 819, 012039.	0.3	2
4	Experimental evaluation of the effect of cryogenic treatment of brake discs of the vehicle on the performance characteristics. IOP Conference Series: Materials Science and Engineering, 2020, 820, 012004.	0.3	0
5	Formation of basic performance properties of wheeled vehicles in braking mode. Transportation Research Procedia, 2020, 50, 130-135.	0.8	11
6	HIL models formation principle in the design of automated vehicle braking system. IOP Conference Series: Materials Science and Engineering, 2020, 819, 012040.	0.3	3
7	Thermal Loading Estimation of the Friction Pairs of a Vehicle Automated Brake System. Lecture Notes in Mechanical Engineering, 2020, , 643-650.	0.3	0
8	Methods of Development and Adaptation of Engineering Microprocessor Engine Control Unit in Real Time to Ensure the Possibility of Research Work in Various Modes. , 2019, , .		3
9	Ways for Improving Efficiency of Computer Vision for Autonomous Vehicles and Driver Assistance Systems. , 2019, , .		3
10	Application of virtual physical modeling technology for the development of elements of the autonomous (unmanned) vehicles' systems. IOP Conference Series: Materials Science and Engineering, 2018, 315, 012007.	0.3	7
11	Methods of monitoring the technical condition of the braking system of an autonomous vehicle during operation. IOP Conference Series: Materials Science and Engineering, 2018, 315, 012020.	0.3	7
12	The thermal loading estimation of the friction pairs of a vehicle automated brake system. IOP Conference Series: Materials Science and Engineering, 2018, 386, 012012.	0.3	2
13	Impact of diesel fuel and palm oil blend compositions on the performance of the fuel supply process in the diesel engine. IOP Conference Series: Materials Science and Engineering, 2018, 386, 012014.	0.3	2