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List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

51
citations

1936888

4
h-index

2272555

4
g-index

14
all docs

14
docs citations

14
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of a vehicle lane change control system to disturbances and measurement signal errors – Modeling and numerical investigations. Mechanical Systems and Signal Processing, 2021, 147, 107081.	4.4	7
2	Non-smooth models and simulation studies of the suspension system dynamics basing on piecewise linear $luz(\cdot)$ and $tar(\cdot)$ projections. Applied Mathematical Modelling, 2021, 94, 619-634.	2.2	6
3	Impact of the Controller Algorithm on the Effect of Motor Vehicle Steering During a Lane-Change Manoeuvre. , 2020, , 157-165.		2
4	The process of front-to-side collision of motor vehicles in terms of energy balance. Nonlinear Dynamics, 2019, 97, 1877-1893.	2.7	10
5	Sensitivity investigations of the automated lane-change manoeuvre – selected issues. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2019, 233, 360-369.	0.7	0
6	Selected issues of control of the process of sudden obstacle avoidance by a car. , 2018, , .		0
7	Methods of Simulation Investigations of Non-linear Vibrations in the Steering System of a Motorcycle. Springer Proceedings in Mathematics and Statistics, 2018, , 497-506.	0.1	0
8	SIMULATION RESEARCH ON THE PROCESS OF LANE CHANGE BY A MOTOR VEHICLE STEERED IN AN OPEN- AND CLOSED-LOOP SYSTEM. , 2017, , .		0
9	Linearization of the lateral dynamics reference model for the motion control of vehicles. Mechanics Research Communications, 2016, , .	1.0	6
10	Friction and Stick-Slip Phenomena in Steering System - Modeling and Simulation Studies. , 2007, , .		4
11	Dynamics of Steering System with Freeplay and Dry Friction - Comparative Simulation Investigation for 2WS and 4WS Vehicles. , 2005, , .		3
12	Vehicle Dynamics Simulation with Inclusion of Freeplay and Dry Friction in Steering System. , 0, , .		5
13	Vehicle Lane Change Automation with Active Steering - Theoretical Studies and Numerical Investigations. , 0, , .		8