Dariusz Å»ardecki

List of Publications by Year
in descending order

13	51	1936888 4	2272555 4
papers	citations	h-index	g-index

14	14	14	30
all docs	docs citations	times ranked	citing authors

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