

Cornelia Lex

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7055875/publications.pdf>

Version: 2024-02-01

11
papers

74
citations

1937685
4
h-index

1588992
8
g-index

11
all docs

11
docs citations

11
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous emergency braking systems adapted to snowy road conditions improve drivers' perceived safety and trust. <i>Traffic Injury Prevention</i> , 2018, 19, 332-337.	1.4	28
2	Drivers' Interaction with Adaptive Cruise Control on Dry and Snowy Roads with Various Tire-Road Grip Potentials. <i>Journal of Advanced Transportation</i> , 2017, 2017, 1-10.	1.7	15
3	A Car2X sensor model for virtual development of automated driving. <i>International Journal of Advanced Robotic Systems</i> , 2017, 14, 172988141772562.	2.1	8
4	Road Infrastructure Challenges Faced by Automated Driving: A Review. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3477.	2.5	8
5	Nonlinear adaptive observer for side slip angle and road friction estimation. , 2016, , .		7
6	METHODS TO ESTIMATE THE TIRE ROAD FRICTION FOR ADVANCED DRIVER ASSISTANCE SYSTEMS. <i>ATZ Worldwide</i> , 2011, 113, 56-61.	0.1	2
7	Evaluation of the potential of active powertrain, braking and steering systems based on in-wheel motors to improve the effectiveness of an evasive manoeuvre assistant. <i>International Journal of Powertrains</i> , 2013, 2, 132.	0.3	2
8	Erosion Modelling of Structural Materials in the Working Space of Multistage Convective Dryers. <i>Manufacturing Technology</i> , 2022, 22, 307-318.	1.4	2
9	Road friction estimation using Recursive Total Least Squares. , 2016, , .		1
10	Automated Lane Change Featuring Re-Planning in Dynamic Environments and Sensitivity Analysis of Main Operational Parameters. <i>IEEE Access</i> , 2022, 10, 8604-8616.	4.2	1
11	Parametrisation of a Maxwell model for transient tyre forces by means of an extended firefly algorithm. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401668123.	1.6	0