

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