

# Roger Woodman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6991288/publications.pdf>

Version: 2024-02-01

16  
papers

233  
citations

1163117

8  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Building safer robots: Safety driven control. International Journal of Robotics Research, 2012, 31, 1603-1626.	8.5	45
2	Gap acceptance study of pedestrians crossing between platooning autonomous vehicles in a virtual environment. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 67, 1-14.	3.7	39
3	Environmental Hazard Analysis - a Variant of Preliminary Hazard Analysis for Autonomous Mobile Robots. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 76, 73-117.	3.4	26
4	Exploring the utility of EDA and skin temperature as individual physiological correlates of motion sickness. Applied Ergonomics, 2021, 92, 103315.	3.1	22
5	Driver State Monitoring: Manipulating Reliability Expectations in Simulated Automated Driving Scenarios. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5187-5197.	8.0	21
6	Public acceptance of driver state monitoring for automated vehicles: Applying the UTAUT framework. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 83, 179-191.	3.7	20
7	Physiological Measures of Risk Perception in Highly Automated Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4811-4822.	8.0	11
8	Implementing commercial autonomous road haulage in freight operations: An industry perspective. Transportation Research, Part A: Policy and Practice, 2021, 152, 235-253.	4.2	10
9	Ethical considerations and moral implications of autonomous vehicles and unavoidable collisions. Theoretical Issues in Ergonomics Science, 2022, 23, 435-452.	1.8	9
10	A Human Factors Approach to Defining Requirements for Low-speed Autonomous Vehicles to Enable Intelligent Platooning. , 2019, , .		8
11	Autonomous Goods Vehicles for Last-mile Delivery: Evaluation of Impact and Barriers. , 2020, , .		6
12	An Evolutionary Approach to the Optimisation of Autonomous Pod Distribution for Application in an Urban Transportation Service. , 2019, , .		4
13	Millimeter-Wave Communication for a Last-Mile Autonomous Transport Vehicle. IEEE Access, 2020, 8, 8386-8392.	4.2	4
14	Towards the Management and Mitigation of Motion Sickness – An Update to the Field. Lecture Notes in Networks and Systems, 2021, , 834-840.	0.7	3
15	A simulation study of platooning AV fleet service in shared urban environments with uncertainties. Transportation Engineering, 2021, 4, 100062.	4.2	2
16	Using Fnirs to Verify Trust in Highly Automated Driving. SSRN Electronic Journal, 0, , .	0.4	2