Kris Brijs

List of Publications by Year
in descending order

71 papers	1,466 citations	304743 22 h-index	361022 35 g-index
71 all docs	71 docs citations	71 times ranked	1289 citing authors

#	Article	IF	Citations
1	Improved Traffic Flow Efficiency During Yellow Interval at Signalized Intersections Using a Smart Countdown System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1959-1968.	8.0	6
2	Small-displacement motorcycle crashes and risky ridership in Vietnam: Findings from a focus group and in-depth interview study. Safety Science, 2022, 152, 105514.	4.9	11
3	An Exploration of Characteristics and Time Series Forecast of Fatal Road Crashes in Manipal, India. Sustainability, 2022, 14, 2851.	3.2	2
4	A randomised controlled trial to enhance travel-related physical activity: A pilot study in patients with coronary heart disease. Journal of Transport and Health, 2022, 25, 101344.	2.2	3
5	Experiences with licensing by autistic drivers: An exploratory study. Procedia Computer Science, 2022, 201, 330-337.	2.0	0
6	Delay or travel time information? The impact of advanced traveler information systems on drivers' behavior before freeway work zones. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 87, 454-476.	3.7	3
7	A Focus Group Study to Explore Risky Ridership among Young Motorcyclists in Manipal, India. Safety, 2022, 8, 40.	1.7	4
8	Optical pavement treatments and their impact on speed and lateral position at transition zones: A driving simulator study. Accident Analysis and Prevention, 2021, 150, 105916.	5.7	6
9	Relating Reactive and Proactive Aggression to Trait Driving Anger in Young and Adult Males: A Pilot Study Using Explicit and Implicit Measures. Sustainability, 2021, 13, 1850.	3.2	3
10	The appraisal of roadway environment and infrastructure by drivers with autism: A qualitative study. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 78, 280-298.	3.7	4
11	Investigating the impact of a novel active gap metering signalization strategy on driver behavior at highway merging sections. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 78, 42-57.	3.7	11
12	Sandstorm animations on rural expressways: The impact of variable message sign strategies on driver behavior in low visibility conditions. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 78, 308-325.	3.7	10
13	Post-trip safety interventions: State-of-the-art, challenges, and practical implications. Journal of Safety Research, 2021, 77, 67-85.	3.6	12
14	Do detection-based warning strategies improve vehicle yielding behavior at uncontrolled midblock crosswalks?. Accident Analysis and Prevention, 2021, 157, 106166.	5.7	14
15	Acceptability of intelligent speed adaptation technology in developing Countries: The case of Ethiopian minibus taxi drivers. Case Studies on Transport Policy, 2021, 9, 1375-1385.	2.5	2
16	Improved traffic safety at work zones through animation-based variable message signs. Accident Analysis and Prevention, 2021, 159, 106284.	5.7	14
17	Modeling the injury severity of small-displacement motorcycle crashes in Hanoi City, Vietnam. Safety Science, 2021, 142, 105371.	4.9	13
18	Risky motorcycle riding behaviour among young riders in Manipal, India. BMC Public Health, 2021, 21, 1954.	2.9	15

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19	Testing the convergent- and predictive validity of a multi-dimensional belief-based scale for attitude towards personal safety on public bus/minibus for long-distance trips in Ghana: A SEM analysis. Transport Policy, 2020, 85, 67-79.	6.6	9
20	Innovative countermeasures for red light running prevention at signalized intersections: A driving simulator study. Accident Analysis and Prevention, 2020, 134, 105349.	5.7	25
21	The impact of cognitive functioning on driving performance of older persons in comparison to younger age groups: A systematic review. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 73, 433-452.	3.7	28
22	Exploring psychological factors of mobile phone use while riding among motorcyclists in Vietnam. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 73, 292-306.	3.7	24
23	Dynamic travel information strategies in advance traveler information systems and their effect on route choices along highways. Procedia Computer Science, 2020, 170, 289-296.	2.0	7
24	Investigating the Impacts of Graphical Route Information Panel Layouts on Drivers' Comprehension and Response Time. Arabian Journal for Science and Engineering, 2019, 44, 8439-8450.	3.0	4
25	Investigating the impact of dynamic merge control strategies on driving behavior on rural and urban expressways â€" A driving simulator study. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 65, 469-484.	3.7	29
26	Construction and validation of a public bus passenger safety scale. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 66, 47-62.	3.7	7
27	Drivers' estimation of their travelling speed: a study on an expressway and a local road. International Journal of Injury Control and Safety Promotion, 2019, 26, 216-224.	2.0	18
28	Evaluation of a Road Safety Education Program Based on Driving Under Influence and Traffic Risks for Higher Secondary School Students in Belgium. Safety, 2019, 5, 34.	1.7	8
29	Development of single-session driving simulator-based and computer-based training for at-risk older drivers. Educational Gerontology, 2019, 45, 283-296.	1.3	8
30	The effect of a simulator based training on specific measures of driving ability in older drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 64, 38-46.	3.7	9
31	Evaluation of a gamified e-learning platform to improve traffic safety among elementary school pupils in Belgium. Personal and Ubiquitous Computing, 2019, 23, 931-941.	2.8	18
32	Speed perception and actual speed in a driving simulator and real-world: A validation study. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 62, 637-650.	3.7	72
33	The relation between driving errors and executive functioning in intellectually able young novice drivers with autism. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 63, 38-54.	3.7	12
34	Measuring working memory load effects on electrophysiological markers of attention orienting during a simulated drive. Ergonomics, 2018, 61, 429-443.	2.1	10
35	Variable Message Sign strategies for Congestion Warning on Motorways. , 2018, , .		0
36	Design of a feedback intervention to increase travel related physical activity of CVD patients. Procedia Computer Science, 2018, 141, 434-441.	2.0	2

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37	Driving simulator study on the influence of digital illuminated billboards near pedestrian crossings. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 59, 45-56.	3.7	14
38	Public bus passenger safety evaluations in Ghana: A phenomenological constructivist exploration. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 339-350.	3.7	12
39	Priority rule signalization under two visibility conditions: Driving simulator study on speed and lateral position. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 58, 156-166.	3.7	7
40	Modelling public bus/minibus transport accident severity in Ghana. Accident Analysis and Prevention, 2018, 119, 114-121.	5.7	54
41	The relation between reinforcement sensitivity and self-reported, simulated and on-road driving in older drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 56, 466-476.	3.7	8
42	Process of learning to drive by young persons with autism: experiences of the young persons themselves, parents, and driving instructors. Transactions on Transport Sciences, 2018, 9, 42-56.	0.7	10
43	Socioeconomic and sociodemographic inequalities and their association with road traffic injuries. Journal of Transport and Health, 2017, 4, 152-161.	2.2	23
44	The effect of pavement markings on driving behaviour in curves: a simulator study. Ergonomics, 2017, 60, 701-713.	2.1	46
45	Gantries or Cantilevers for Route Guidance on a Reorganized Arterial Road? A Before Study of Route Choice Effectiveness Using a Traffic Sign Simulator (Case Study). Transportation Research Procedia, 2016, 14, 4277-4285.	1.5	1
46	Effect of a working memory training on aspects of cognitive ability and driving ability of older drivers: Merits of an adaptive training over a non-adaptive training. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 42, 15-27.	3.7	33
47	Investigating risky, distracting, and protective peer passenger effects in a dual process framework. Accident Analysis and Prevention, 2016, 93, 217-225.	5.7	33
48	Is there a spillover effect of a right turn on red permission for bicyclists?. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 36, 35-45.	3.7	1
49	Effect evaluation of a road safety education program based on victim testimonials in high schools in Belgium. Accident Analysis and Prevention, 2016, 94, 18-27.	5.7	16
50	The relations between specific measures of simulated driving ability and functional ability: New insights for assessment and training programs of older drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 39, 65-78.	3.7	27
51	The Dynamic Signalization of Calamity Routes â€“ A Driving Simulator Study. Procedia Manufacturing, 2015, 3, 2666-2673.	1.9	1
52	Driversâ€™ behavioral responses to combined speed and red light cameras. Accident Analysis and Prevention, 2015, 81, 153-166.	5.7	34
53	Does attention capacity moderate the effect of driver distraction in older drivers?. Accident Analysis and Prevention, 2015, 77, 12-20.	5.7	45
54	The Relation Between Cognitive Control and Risky Driving in Young Novice Drivers. Applied Neuropsychology Adult, 2015, 22, 61-72.	1.2	60

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55	Exploring the Driving Behavior of Youth with an Autism Spectrum Disorder: A Driver Instructor Questionnaire. , 2015, , .		8
56	Investigating the influence of working memory capacity when driving behavior is combined with cognitive load: An LCT study of young novice drivers. Accident Analysis and Prevention, 2014, 62, 377-387.	5.7	83
57	Evaluating the effectiveness of a post-license education program for young novice drivers in Belgium. Accident Analysis and Prevention, 2014, 66, 62-71.	5.7	23
58	Does the effect of traffic calming measures endure over time? â€" A simulator study on the influence of gates. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 22, 63-75.	3.7	24
59	Psychological determinants of motorcycle helmet use among young adults in Cambodia. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 26, 273-290.	3.7	27
60	The effect of family climate on risky driving of young novices: The moderating role of attitude and locus of control. Accident Analysis and Prevention, 2014, 73, 53-64.	5.7	23
61	A simulator study on the impact of traffic calming measures in urban areas on driving behavior and workload. Accident Analysis and Prevention, 2013, 61, 43-53.	5.7	47
62	Optimizing the implementation of policy measures through social acceptance segmentation. Transport Policy, 2012, 22, 80-87.	6.6	26
63	Country-image discourse model: Unraveling meaning, structure, and function of country images. Journal of Business Research, 2011, 64, 1259-1269.	10.2	121
64	The socio-cognitive links between road pricing acceptability and changes in travel-behavior. Transportation Research, Part A: Policy and Practice, 2011, 45, 779-788.	4.2	32
65	An experimental approach towards the evaluation of a seat belt campaign with an inside view on the psychology behind seat belt use. Transportation Research Part F: Traffic Psychology and Behaviour, 2011, 14, 600-613.	3.7	24
66	70 km/h Speed Limits on Former 90 km/h Roads. Human Factors, 2011, 53, 771-785.	3.5	14
67	Inhibitory control and reward predict risky driving in young novice drivers â€" a simulator study. Procedia, Social and Behavioral Sciences, 2011, 20, 604-612.	0.5	35
68	Inhibitory Control and Reward Predict Risky Driving in Young Novice Drivers: A Simulator Study. , 2011, , .		2
69	The CoOâ€ŁLM model. European Journal of Marketing, 2009, 43, 62-89.	2.9	122
70	Ordinal Evaluation: A New Perspective on Country Images. Lecture Notes in Computer Science, 2009, , 261-275.	1.3	1
71	Using Fuzzy Set Theory to Assess Country-of-Origin Effects on the Formation of Product Attitude. Lecture Notes in Computer Science, 2006, , 138-149.	1.3	6