GrÃ©goire S Larue

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1708076/publications.pdf

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49	822	471477	526264
papers	citations	17 h-index	27 g-index

49	49	49	680
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevalence and dynamics of distracted pedestrian behaviour at railway level crossings: Emerging issues. Accident Analysis and Prevention, 2022, 165, 106508.	5.7	10
2	An on-road examination of daytime and evening driving on rural roads: physiological, subjective, eye gaze, and driving performance outcomes. Attention, Perception, and Psychophysics, 2022, 84, 418-426.	1.3	1
3	Physiological signal-based drowsiness detection using machine learning: Singular and hybrid signal approaches. Journal of Safety Research, 2022, 80, 215-225.	3.6	32
4	Parentsâ€™ self-efficacy and the quality of supervised driving practice they provide for their children. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 87, 189-202.	3.7	6
5	Sensitivity and specificity of the driver sleepiness detection methods using physiological signals: A systematic review. Accident Analysis and Prevention, 2021, 150, 105900.	5.7	23
6	Safe trip: Factors contributing to slip, trip and fall risk at train stations. Applied Ergonomics, 2021, 92, 103316.	3.1	6
7	Parentsâ€™ perceptions of driver education: A theoretically guided qualitative investigation. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 77, 293-311.	3.7	11
8	Improving the safety of distracted pedestrians with in-ground flashing lights. A railway crossing field study. Journal of Safety Research, 2021, 77, 170-181.	3.6	22
9	What factors influence risk at rail level crossings? A systematic review and synthesis of findings using systems thinking. Safety Science, 2021, 138, 105207.	4.9	33
10	Loud and clear? Train horn practice at railway level crossings in Australia. Applied Ergonomics, 2021, 95, 103433.	3.1	3
11	Energy Efficient and Safe Control Strategy for Electric Vehicles Including Driver Preference. IEEE Access, 2021, 9, 11109-11122.	4.2	6
12	Acceptance of visual and audio interventions for distracted pedestrians. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 76, 369-383.	3.7	28
13	Evaluating the effects of automated monitoring on driver non-compliance at active railway level crossings. Accident Analysis and Prevention, 2021, 163, 106432.	5.7	1
14	Frustration at congested railway level crossings: How long before extended closures result in risky behaviours?. Applied Ergonomics, 2020, 82, 102943.	3.1	21
15	Pedestrians distracted by their smartphone: Are in-ground flashing lights catching their attention? A laboratory study. Accident Analysis and Prevention, 2020, 134, 105346.	5.7	45
16	Sleep loss and change detection in simulated driving. Chronobiology International, 2020, 37, 1430-1440.	2.0	4
17	What, Who, and When? The Perceptions That Young Drivers and Parents Have of Driving Simulators for Use in Driver Education. Safety, 2020, 6, 46.	1.7	6
18	Understanding Why Drivers Cross the Line at Activated Railway Crossings. Transportation Research Record, 2020, 2674, 1-11.	1.9	5

#	Article	IF	Citations
19	Can road user delays at urban railway level crossings be reduced? Evaluation of potential treatments through traffic simulation. Case Studies on Transport Policy, 2020, 8, 860-869.	2.5	8
20	A new method for evaluating driver behavior and interventions for passive railway level crossings with pneumatic tubes. Journal of Transportation Safety and Security, 2019, 11, 150-166.	1.6	5
21	The effect of psychosocial factors on perceptions of driver education using the goals for driver education framework. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 66, 151-161.	3.7	15
22	Evaluation of in-vehicle technologies to prevent unlicensed driving in Queensland and Victoria. Accident Analysis and Prevention, 2019, 127, 210-222.	5.7	5
23	What do driver educators and young drivers think about driving simulators? A qualitative draw-and-talk study. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 62, 282-293.	3.7	11
24	Getting the Attention of Drivers Back on Passive Railway Level Crossings: Evaluation of Advanced Flashing Lights. Transportation Research Record, 2019, 2673, 789-798.	1.9	15
25	Ecological and safe driving: A model predictive control approach considering spatial and temporal constraints. Transportation Research, Part D: Transport and Environment, 2019, 67, 208-222.	6.8	23
26	Impact of Waiting Times on Risky Driver Behaviour at Railway Level Crossings. Advances in Intelligent Systems and Computing, 2019, , 62-69.	0.6	2
27	The road user, the pedestrian, and me: Investigating the interactions, errors and escalating risks of users of fully protected level crossings. Safety Science, 2018, 110, 80-88.	4.9	35
28	Assessing technology acceptance for skills development and real-world decision-making in the context of train driving. Transportation Research Part F: Traffic Psychology and Behaviour, 2018, 52, 86-100.	3.7	6
29	STAMP goes EAST: Integrating systems ergonomics methods for the analysis of railway level crossing safety management. Safety Science, 2018, 110, 31-46.	4.9	33
30	Key considerations for automated enforcement of non-compliance with road rules at railway level crossings: The Laverton case in Victoria, Australia. Case Studies on Transport Policy, 2018, 6, 774-784.	2.5	15
31	Validation of a Driving Simulator Study on Driver Behavior at Passive Rail Level Crossings. Human Factors, 2018, 60, 743-754.	3.5	23
32	A mixed-methods study of driver education informed by the Goals for Driver Education: Do young drivers and educators agree on what was taught?. Safety Science, 2018, 108, 140-148.	4.9	21
33	Developing a simulation framework for safe and optimal trajectories considering driversâ€™ driving style. IET Intelligent Transport Systems, 2017, 11, 624-631.	3.0	0
34	A simulator evaluation of effects of assistive technologies on driver cognitive load at railway-level crossings. Journal of Transportation Safety and Security, 2016, 8, 56-69.	1.6	15
35	Human Factors Evaluation of a Novel Australian Approach for Activating Railway Level Crossings. Procedia Manufacturing, 2015, 3, 3293-3300.	1.9	9
36	Traffic Safety at Roadâ€“Rail Level Crossings Using a Driving Simulator and Traffic Simulation. Transportation Research Record, 2015, 2476, 109-118.	1.9	7

#	Article	IF	Citations
37	Driving Simulator Evaluation of the Failure of an Audio In-vehicle Warning for Railway Level Crossings. Urban Rail Transit, 2015, 1, 139-148.	1.8	8
38	Predicting Reduced Driver Alertness on Monotonous Highways. IEEE Pervasive Computing, 2015, 14, 78-85.	1.3	10
39	Assessing driver acceptance of Intelligent Transport Systems in the context of railway level crossings. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 30, 1-13.	3.7	57
40	Driverâ€™s behavioural changes with new intelligent transport system interventions at railway level crossingsâ€"A driving simulator study. Accident Analysis and Prevention, 2015, 81, 74-85.	5.7	31
41	Investigating the formal countermeasures and informal strategies used to mitigate SPAD risk in train driving. Ergonomics, 2015, 58, 883-896.	2.1	22
42	Understanding the visual skills and strategies of train drivers in the urban rail environment. Work, 2014, 47, 339-352.	1.1	17
43	Fuel consumption and gas emissions of an automatic transmission vehicle following simple ecoâ€driving instructions on urban roads. IET Intelligent Transport Systems, 2014, 8, 590-597.	3.0	26
44	IEEE 802.11p Empirical Performance Model from Evaluations on Test Tracks. Journal of Networks, 2014, 9, .	0.4	6
45	An IEEE 802.11p empirical performance model for Cooperative Systems applications. , 2013, , .		6
46	Integrating driving and traffic simulators for the study of railway level crossing safety interventions: a methodology. WIT Transactions on the Built Environment, 2012, , .	0.0	2
47	Driving performance impairments due to hypovigilance on monotonous roads. Accident Analysis and Prevention, 2011, 43, 2037-2046.	5.7	110
48	Real-time evaluation of driverâ€™s alertness on highways. WIT Transactions on the Built Environment, 2011, , .	0.0	0
49	Real-time performance modelling of a Sustained Attention to Response Task. Ergonomics, 2010, 53, 1205-1216.	2.1	16