

Catherine Berthelon

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

512
citations

687363

13
h-index

713466

21
g-index

35
all docs

35
docs citations

35
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	Mental workload and driving. <i>Frontiers in Psychology</i> , 2014, 5, 1344.	2.1	135
2	Measuring mental workload with the NASA-TLX needs to examine each dimension rather than relying on the global score: an example with driving. <i>Ergonomics</i> , 2018, 61, 517-527.	2.1	76
3	Zolpidem and zopiclone impair similarly monotonous driving performance after a single nighttime intake in aged subjects. <i>Psychopharmacology</i> , 2011, 214, 699-706.	3.1	37
4	Curvilinear Approach to an Intersection and Visual Detection of a Collision. <i>Human Factors</i> , 1993, 35, 521-534.	3.5	26
5	The Evaluation of Traditional and Early Driver Training With Simulated Accident Scenarios. <i>Human Factors</i> , 2011, 53, 323-337.	3.5	26
6	Effects of alcohol on automated and controlled driving performances. <i>Psychopharmacology</i> , 2014, 231, 2087-2095.	3.1	24
7	Overload depending on driving experience and situation complexity: Which strategies faced with a pedestrian crossing?. <i>Applied Ergonomics</i> , 2015, 51, 343-349.	3.1	24
8	Intersection crossing considered as intercepting a moving traffic gap: Effects of task and environmental constraints. <i>Acta Psychologica</i> , 2012, 141, 287-294.	1.5	22
9	Is visual anticipation of collision during self-motion related to perceptual style?. <i>Acta Psychologica</i> , 1998, 98, 1-16.	1.5	20
10	Residual effects of hypnotic drugs in aging drivers submitted to simulated accident scenarios: an exploratory study. <i>Psychopharmacology</i> , 2009, 207, 461-467.	3.1	20
11	Do Zopiclone, Zolpidem and Flunitrazepam have Residual Effects on Simulated Task of Collision Anticipation?. <i>Journal of Psychopharmacology</i> , 2003, 17, 324-331.	4.0	18
12	Effects of three therapeutic doses of codeine/paracetamol on driving performance, a psychomotor vigilance test, and subjective feelings. <i>Psychopharmacology</i> , 2013, 228, 309-320.	3.1	14
13	Judging arrival times of incoming traffic vehicles is not a prerequisite for safely crossing an intersection: Differential effects of vehicle size and type in passive judgment and active driving tasks. <i>Acta Psychologica</i> , 2017, 173, 1-12.	1.5	14
14	Intercepting a moving traffic gap while avoiding collision with lead and trail vehicles: Gap-related and boundary-related influences on drivers' speed regulations during approach to an intersection. <i>Human Movement Science</i> , 2012, 31, 1500-1516.	1.4	13
15	Does early training improve driving skills of young novice French drivers?. <i>Accident Analysis and Prevention</i> , 2016, 96, 228-236.	5.7	11
16	Electrophysiological and performance variations following driving events involving an increase in mental workload. <i>European Transport Research Review</i> , 2019, 11, .	4.8	11
17	Personality trait prediction by machine learning using physiological data and driving behavior. <i>Machine Learning With Applications</i> , 2022, 9, 100353.	4.4	7
18	Information-Movement Coupling in The Control of Driver Approach to an Intersection. <i>Ecological Psychology</i> , 2017, 29, 317-341.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Subjective overload. , 2013, , .		1
20	Perception of Road Users' Motion. , 2002, , 115-130.		1
21	Variation of performance, of self-reported alertness and effort as a function of low doses of alcohol and of driving experience. European Transport Research Review, 2020, 12, .	4.8	1
22	Skills of novices early trained or traditionally trained versus experienced drivers confronted to simulated urban accidentsâ€™ scenarios. Work, 2012, 41, 4907-4909.	1.1	0
23	Effects of situation complexity and driving experience on performance through subjective and objective tension. , 2014, , .		0
24	Primary insomnia patientsâ€™ performances during simulated car following and urban driving in the afternoon. Journal of Sleep Research, 2019, 28, e12847.	3.2	0
25	Conduite automobile et effets rÃ©siduels des hypnotiques. Apports de l'expÃ©rimentation. Recherche - Transports - Securite, 2004, 21, 203-216.	0.1	0
26	Simulation de scÃ©narios d'accident et expÃ©rience de conduite. Recherche - Transports - Securite, 2007, 24, 301-317.	0.1	0
27	Editorial : un changement dans la continuitÃ©. Recherche - Transports - Securite, 2013, 2013, 3.	0.1	0
28	Les distractions au volant. Recherche - Transports - Securite, 2016, 2015, 49.	0.1	0
29	Formation Ã la conduite. Recherche - Transports - Securite, 2016, 2016, 67.	0.1	0
30	Is the Driving Behaviour of Young Novices and Young Experienced Drivers Under Alcohol Linked to Their Perceived Effort and Alertness?. Advances in Intelligent Systems and Computing, 2018, , 878-883.	0.6	0
31	Avoiding manoeuvre when faced with an unexpected versus likely pedestrian. Theoretical Issues in Ergonomics Science, 0, , 1-13.	1.8	0