

# 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	Personality trait prediction by machine learning using physiological data and driving behavior. <i>Machine Learning With Applications</i> , 2022, 9, 100353.	4.4	7
2	Variation of performance, of self-reported alertness and effort as a function of low doses of alcohol and of driving experience. <i>European Transport Research Review</i> , 2020, 12, .	4.8	1
3	Electrophysiological and performance variations following driving events involving an increase in mental workload. <i>European Transport Research Review</i> , 2019, 11, .	4.8	11
4	Primary insomnia patients' performances during simulated car following and urban driving in the afternoon. <i>Journal of Sleep Research</i> , 2019, 28, e12847.	3.2	0
5	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
6	Is the Driving Behaviour of Young Novices and Young Experienced Drivers Under Alcohol Linked to Their Perceived Effort and Alertness?. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 878-883.	0.6	0
7	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
8	Information-Movement Coupling in The Control of Driver Approach to an Intersection. <i>Ecological Psychology</i> , 2017, 29, 317-341.	1.1	5
9	Does early training improve driving skills of young novice French drivers?. <i>Accident Analysis and Prevention</i> , 2016, 96, 228-236.	5.7	11
10	Les distractions au volant. <i>Recherche - Transports - Securite</i> , 2016, 2015, 49.	0.1	0
11	Formation à la conduite. <i>Recherche - Transports - Securite</i> , 2016, 2016, 67.	0.1	0
12	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
13	Mental workload and driving. <i>Frontiers in Psychology</i> , 2014, 5, 1344.	2.1	135
14	Effects of situation complexity and driving experience on performance through subjective and objective tension. , 2014, , .		0
15	Effects of alcohol on automated and controlled driving performances. <i>Psychopharmacology</i> , 2014, 231, 2087-2095.	3.1	24
16	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
17	Subjective overload. , 2013, , .		1
18	Editorial : un changement dans la continuité. <i>Recherche - Transports - Securite</i> , 2013, 2013, 3.	0.1	0

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Skills of novices early trained or traditionally trained versus experienced drivers confronted to simulated urban accidents scenarios. <i>Work</i> , 2012, 41, 4907-4909.	1.1	0
22	The Evaluation of Traditional and Early Driver Training With Simulated Accident Scenarios. <i>Human Factors</i> , 2011, 53, 323-337.	3.5	26
23	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
24	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
25	Simulation de scénarios d'accident et expérience de conduite. <i>Recherche - Transports - Sécurité</i> , 2007, 24, 301-317.	0.1	0
26	Conduite automobile et effets résiduels des hypnotiques. Apports de l'expérimentation. <i>Recherche - Transports - Sécurité</i> , 2004, 21, 203-216.	0.1	0
27	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
28	Perception of Road Users' Motion. , 2002, , 115-130.		1
29	Is visual anticipation of collision during self-motion related to perceptual style?. <i>Acta Psychologica</i> , 1998, 98, 1-16.	1.5	20
30	Curvilinear Approach to an Intersection and Visual Detection of a Collision. <i>Human Factors</i> , 1993, 35, 521-534.	3.5	26
31	Avoiding manoeuvre when faced with an unexpected versus likely pedestrian. <i>Theoretical Issues in Ergonomics Science</i> , 0, , 1-13.	1.8	0