

Miguel A Perez

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,330
citations

471509

17
h-index

580821

25
g-index

39
all docs

39
docs citations

39
times ranked

1360
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver crash risk factors and prevalence evaluation using naturalistic driving data. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2636-2641.	7.1	675
2	The effects of age on crash risk associated with driver distraction. International Journal of Epidemiology, 2017, 46, dyw234.	1.9	87
3	Driver distraction in long-haul truck drivers. Transportation Research Part F: Traffic Psychology and Behaviour, 2005, 8, 441-458.	3.7	79
4	Performance of basic kinematic thresholds in the identification of crash and near-crash events within naturalistic driving data. Accident Analysis and Prevention, 2017, 103, 10-19.	5.7	65
5	Compensatory Behavior of Drivers When Conversing on a Cell Phone. Transportation Research Record, 2014, 2434, 1-8.	1.9	35
6	The prevalence of and crash risk associated with primarily cognitive secondary tasks. Safety Science, 2019, 119, 98-105.	4.9	33
7	Evaluating driver eye glance behavior and secondary task engagement while using driving automation systems. Accident Analysis and Prevention, 2021, 151, 105959.	5.7	33
8	Investigation of Driver-Infrastructure and Driver-Vehicle Interfaces for an Intersection Violation Warning System. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2007, 11, 133-142.	4.2	29
9	The Distracted Driver. Reviews of Human Factors and Ergonomics, 2011, 7, 3-57.	0.5	28
10	The impact of sleep disorders on driving safety—findings from the Second Strategic Highway Research Program naturalistic driving study. Sleep, 2018, 41, .	1.1	28
11	Second strategic highway research program naturalistic driving study methods. Safety Science, 2019, 119, 2-10.	4.9	27
12	Drivers' visual behavior when using handheld and hands-free cell phones. Journal of Safety Research, 2015, 54, 105.e29-108.	3.6	26
13	A validation of the low mileage bias using naturalistic driving study data. Journal of Safety Research, 2017, 63, 115-120.	3.6	26
14	A neural network model for predicting postures during non-repetitive manual materials handling tasks. Ergonomics, 2008, 51, 1549-1564.	2.1	20
15	Principal components analysis as an evaluation and classification tool for lower torso sEMG data. Journal of Biomechanics, 2003, 36, 1225-1229.	2.1	19
16	Lower Torso Muscle Activation Patterns for High-Magnitude Static Exertions. Spine, 2002, 27, 1326-1335.	2.0	18
17	The influence of functional health on seniors's driving risk. Journal of Transport and Health, 2017, 6, 237-244.	2.2	18
18	Factors modifying the likelihood of speeding behaviors based on naturalistic driving data. Accident Analysis and Prevention, 2021, 159, 106267.	5.7	15

#	ARTICLE	IF	CITATIONS
19	Evaluation of Forward Collision Warning System Visual Alert Candidates and SAE J2400. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 2, 750-764.	0.4	11
20	Investigating lane change behaviors and difficulties for senior drivers using naturalistic driving data. Journal of Safety Research, 2020, 74, 81-87.	3.6	10
21	Modeled Wide-Awake, Local-Anesthetic, No-Tourniquet Surgical Procedures Do Not Impair Driving Fitness. Journal of Bone and Joint Surgery - Series A, 2020, 102, 1616-1622.	3.0	9
22	Comparing Handheld and Hands-free Cell Phone Usage Behaviors While Driving. Traffic Injury Prevention, 2014, 15, S21-S26.	1.4	8
23	Posture and motion variability in non-repetitive manual materials handling tasks. Human Movement Science, 2006, 25, 409-421.	1.4	7
24	Naturalistic Driving Studies and Data Coding and Analysis Techniques. , 2011, , 73-85.		7
25	Safety implications of infotainment system use in naturalistic driving. Work, 2012, 41, 4200-4204.	1.1	7
26	Assessment of Naturalistic Use Patterns of Advanced Infotainment Systems. Human Factors, 2015, 57, 674-688.	3.5	4
27	Extracting information from continuous naturalistic driving data: sample applications. , 2010, , .		3
28	Application of Principal Components Analysis for Evaluation and Classification of Complex Emg Data. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 1147-1151.	0.3	1
29	Modeling/Analysis of Pedestrian Back-Over Crashes from NHTSA's SCI Database. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 4, 562-571.	0.4	1
30	Emergency Response to Vehicle Collisions: Feedback from Emergency Medical Service Providers. Safety, 2020, 6, 48.	1.7	1
31	Empirical Evaluation of Models Used to Predict Torso Muscle Forces. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 620-623.	0.3	0
32	Performance of an Artificial Neural Network Model in the Prediction of Lower Torso Muscle Recruitment Patterns. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1011-1015.	0.3	0
33	Rapid Prototyping Improves Research on Red-Light-Running Behavior. Ergonomics in Design, 2007, 15, 23-27.	0.7	0