Tim Horberry

List of Publications by Year
in descending order

50 papers	1,156 citations	840776 11 h-index	395702 33 g-index
52 all docs	52 docs citations	52 times ranked	1111 citing authors

#	Article	IF	Citations
1	Driver distraction: The effects of concurrent in-vehicle tasks, road environment complexity and age on driving performance. Accident Analysis and Prevention, 2006, 38, 185-191.	5.7	525
2	The possible safety benefits of enhanced road markings: A driving simulator evaluation. Transportation Research Part F: Traffic Psychology and Behaviour, 2006, 9, 77-87.	3.7	95
3	Effects of advertising billboards during simulated driving. Applied Ergonomics, 2011, 42, 619-626.	3.1	93
4	Human Error in Maritime Operations: Analyses of Accident Reports Using the Leximancer Tool. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 1718-1721.	0.3	90
5	Forklift safety, traffic engineering and intelligent transport systems: a case study. Applied Ergonomics, 2004, 35, 575-581.	3.1	42
6	Drivers' use of hand-held mobile phones in Western Australia. Transportation Research Part F: Traffic Psychology and Behaviour, 2001, 4, 213-218.	3.7	37
7	Human Factors for the Design, Operation, and Maintenance of Mining Equipment. , 0, , .		25
8	Safety leadership and systems thinking: application and evaluation of a Risk Management Framework in the mining industry. Ergonomics, 2017, 60, 1336-1350.	2.1	22
9	The contributions of human factors and ergonomics to a sustainable minerals industry. Ergonomics, 2013, 56, 556-564.	2.1	21
10	Human-Centered Design for an In-Vehicle Truck Driver Fatigue and Distraction Warning System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5350-5359.	8.0	15
11	A Comparison of the Bowâ€Tie and STAMP Approaches to Reduce the Risk of Surgical Instrument Retention. Risk Analysis, 2018, 38, 978-990.	2.7	13
12	Exploring Decision Pathways in Challenging Airway Management Episodes. Journal of Cognitive Engineering and Decision Making, 2017, 11, 353-370.	2.3	12
13	Bridge strike reduction: optimising the design of markings. Accident Analysis and Prevention, 2002, 34, 581-588.	5.7	11
14	A reference level for assessing the acceptable visual demand of in-vehicle information systems. Behaviour and Information Technology, 2010, 29, 527-540.	4.0	10
15	EDEEPâ€”An Innovative Process for Improving the Safety of Mining Equipment. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	10
16	Better integration of human factors considerations within safety in design. Theoretical Issues in Ergonomics Science, 2014, 15, 293-304.	1.8	10
17	Improving Mining Equipment Safety Through Human-Centered Design. Ergonomics in Design, 2016, 24, 29-34.	0.7	10
18	The Health and Safety Benefits of New Technologies in Mining: A Review and Strategy for Designing and Deploying Effective User-Centred Systems. Minerals (Basel, Switzerland), 2012, 2, 417-425.	2.0	9

#	Article	IF	Citations
19	The role of human factors and ergonomics in mining emergency management: three case studies. International Journal of Human Factors and Ergonomics, 2013, 2, 116.	0.3	9
20	Guidewire retention following central venous catheterisation: A human factors and safe design investigation. International Journal of Risk and Safety in Medicine, 2014, 26, 23-37.	0.6	9
21	Distractions outside the Vehicle. , 2008, , 215-227.		9
22	Human Factors in Control Room Operations in Mineral Processing. Journal of Cognitive Engineering and Decision Making, 2012, 6, 88-111.	2.3	8
23	Safe design of mobile equipment traffic management systems. International Journal of Industrial Ergonomics, 2011, 41, 551-560.	2.6	6
24	Analysing mine emergency management needs: a cognitive work analysis approach. International Journal of Emergency Management, 2015, 11, 191.	0.0	6
25	Applying a Human-Centred Process to Re-Design Equipment and Work Environments. Safety, 2015, 1, 7-15.	1.7	6
26	Using Naturalistic Decision Making to Identify Support Requirements in the Traffic Incident Management Work Environment. Journal of Cognitive Engineering and Decision Making, 2016, 10, 309-324.	2.3	6
27	Development and Reliability Review of an Assessment Tool to Measure Competency in the Seven Elements of the Risk Management Process: Part Oneâ€"The RISKometric. Safety, 2021, 7, 1.	1.7	6
28	Healthcare human reliability analysis â€“ by HEART. , 2013, , 287-288.		5
29	A Path towards Sustainable Vehicle Automation: Willingness to Engage in Level 3 Automated Driving. Sustainability, 2022, 14, 4602.	3.2	5
30	Development and Validation of Plain English Interpretations of the Seven Elements of the Risk Management Process. Safety, 2019, 5, 75.	1.7	4
31	An Introduction to Transport Signs and an Overview of This Book. , 2004, , 1-15.		4
32	The Effectiveness of Transport Signs. , 2004, , 49-69.		3
33	Validation of a driving simulator for research into human factors issues of automated vehicles. Journal of the Austalasian College of Road Safety, 2019, 30, 37-44.	0.5	3
34	Hours of work risk factors for coal mining. International Journal of Mining and Mineral Engineering, 2008, 1, 77.	0.3	2
35	Case Study: Participatory Ergonomics in Road Construction and an Occupational Perspective of Health. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 999-1003.	0.3	2
36	Application of Functional Resonance Analysis Method to Sustain Human-Centered Design Practice in Road Construction. Proceedings of the Human Factors and Ergonomics Society, 2016, 60, 876-880.	0.3	2

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37	Improving Traffic Incident Management Using Team Cognitive Work Analysis. Journal of Cognitive Engineering and Decision Making, 2020, 14, 152-173.	2.3	2
38	Efectos de facilitaciÃ³n de repeticiÃ³n y semÃ¡ntica en el reconocimiento de seÃ±ales de indicaciÃ³n y peligro </BR>Repetition and semantic priming in the recognition of indication and warning signs. Cultura Y EducaciÃ³n, 2003, 15, 19-32.	0.1	2
39	Driver Acceptance of New Technology: Overview. , 2018, , 3-8.		2
40	Community Road Safety Initiatives for the Minerals Industry. Minerals (Basel, Switzerland), 2014, 4, 1-16.	2.0	1
41	Human-Centered Safe Design of Mining Equipment. Proceedings of the Human Factors and Ergonomics Society, 2017, 61, 1685-1689.	0.3	1
42	Operator Decision Making in the Minerals Industry. The Ergonomics Open Journal, 2011, 4, 103-111.	1.8	1
43	First-Stage Evaluation of a Prototype Driver Distraction Human-Machine-Interface Warning System. Journal of Road Safety, 2021, 32, 4-14.	0.3	1
44	Highway traffic incident management: an operator-centred investigation. International Journal of Human Factors and Ergonomics, 2013, 2, 159.	0.3	0
45	614â€...Can usersâ€™ opinions help to improve traffic calming interventions?. Injury Prevention, 2016, 22, A220.2-A220.	2.4	0
46	All in a day's work: Towards improved understanding of safety leadership during regular safetyâ€related tasks in mining. Human Factors and Ergonomics in Manufacturing, 2021, 31, 157-173.	2.7	0
47	The Effects of Different Display Types with Respect to Reading Numerical Information and Detecting Speed Change. , 2004, , 301-315.		0
48	Author Reflections on the Human Factors of Transport Signs. , 2004, , 239-245.		0
49	Safe design of mobile construction and mining equipment. , 2013, , 259-266.		0
50	A Rider-Centered Critical Decision Method Study to Better Understand the Challenges to Further Uptake of Cycling. Safety, 2022, 8, 8.	1.7	0