

# Judith L Charlton

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

2,935  
citations

172457

29  
h-index

189892

50  
g-index

109  
all docs

109  
docs citations

109  
times ranked

2370  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of vision disorders and vision impairment on motor vehicle crash risk and on-road driving performance: A systematic review. <i>Acta Ophthalmologica</i> , 2022, 100, .	1.1	9
2	Can Age or Height Define Appropriate Thresholds for Transition to Adult Seat Belts? An Analysis of Observed Seat Belt Fit in Children Aged 7-12 Years. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1524.	2.6	5
3	Does hearing loss affect the risk of involvement in a motor vehicle crash?. <i>Journal of Transport and Health</i> , 2022, 26, 101387.	2.2	4
4	Examining the contribution of psychological resilience on self-reported and naturalistic driving behavior of older adults. <i>Journal of Safety Research</i> , 2022, 82, 251-260.	3.6	2
5	Personal and Clinical Factors Associated with Older Drivers' Self-Awareness of Driving Performance. <i>Canadian Journal on Aging</i> , 2021, 40, 82-96.	1.1	6
6	User experiences and perspectives of a driving simulator intervention for individuals with acquired brain injury: A qualitative study. <i>Neuropsychological Rehabilitation</i> , 2021, 31, 773-796.	1.6	2
7	The development of a simulator-based intervention to rehabilitate driving skills in people with acquired brain injury. <i>Disability and Rehabilitation: Assistive Technology</i> , 2021, 16, 289-300.	2.2	5
8	Investigating feasibility and preliminary efficacy of a simulator-based driving intervention for people with acquired brain injury: A randomised controlled pilot study. <i>Clinical Rehabilitation</i> , 2021, 35, 1277-1289.	2.2	1
9	Comparison of older and middle-aged drivers' driving performance in a naturalistic setting. <i>Accident Analysis and Prevention</i> , 2021, 161, 106343.	5.7	5
10	What is the motor vehicle crash risk for drivers with epilepsy? A systematic review. <i>Journal of Transport and Health</i> , 2021, 23, 101286.	2.2	2
11	A Process Evaluation Protocol for Examining the Impact of Instructions for Correct Use of Child Car Seats Designed through a Consumer-Driven Process and Evaluated in a Field-Based Randomised Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4508.	2.6	3
12	Influence of child restraint system design features on comfort, belt fit and posture. <i>Safety Science</i> , 2020, 128, 104707.	4.9	6
13	Using naturalistic driving data to examine how drivers share attention when engaging in secondary tasks. <i>Safety Science</i> , 2020, 129, 104841.	4.9	12
14	The relationship between psychological resilience and older adults' self-reported driving comfort, abilities, and restrictions. <i>Journal of Transport and Health</i> , 2020, 17, 100864.	2.2	5
15	The safety benefits of older drivers attending an in-person licence renewal. <i>Journal of Transport and Health</i> , 2020, 17, 100845.	2.2	2
16	Changes in older drivers' self-awareness of driving ability over one year. <i>Accident Analysis and Prevention</i> , 2020, 144, 105552.	5.7	8
17	A comparison of older drivers' driving patterns during a naturalistic on-road driving task with patterns from their preceding four-months of real-world driving. <i>Safety Science</i> , 2020, 125, 104652.	4.9	2
18	User-driven design of child restraint information to reduce errors in use: a pilot randomised controlled trial. <i>Injury Prevention</i> , 2020, 26, 432-438.	2.4	5

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19	Changes in driving patterns of older Australians: Findings from the Candrive/Ozcandrive cohort study. <i>Safety Science</i> , 2019, 119, 219-226.	4.9	9
20	Safer vehicles and technology for older adults. <i>Traffic Injury Prevention</i> , 2019, 20, S176-S179.	1.4	12
21	The common characteristics and behaviors of child occupants in motor vehicle travel. <i>Traffic Injury Prevention</i> , 2019, 20, 713-719.	1.4	5
22	Issues relating to the efficacy of mandatory medical reporting of drivers with medical and other fitness to drive relevant conditions by medical and other health practitioners. <i>Journal of Transport and Health</i> , 2019, 12, 237-252.	2.2	9
23	Risk of Motor Vehicle Collision or Driving Impairment After Traumatic Brain Injury: A Collaborative International Systematic Review and Meta-Analysis. <i>Journal of Head Trauma Rehabilitation</i> , 2019, 34, E27-E38.	1.7	2
24	What contextual and demographic factors predict drivers' decision to engage in secondary tasks?. <i>IEEE Intelligent Transport Systems</i> , 2019, 13, 1218-1223.	3.0	15
25	Using Naturalistic Methods to Examine Real-World Driving Behavior in Individuals With TBI Upon Return to Driving. <i>Journal of Head Trauma Rehabilitation</i> , 2019, 34, E55-E60.	1.7	0
26	Self-reported violations, errors and lapses for older drivers: Measuring the change in frequency of aberrant driving behaviours across five time-points. <i>Accident Analysis and Prevention</i> , 2019, 123, 132-139.	5.7	6
27	A systematic review of the risk of motor vehicle collision after stroke or transient ischemic attack. <i>Topics in Stroke Rehabilitation</i> , 2019, 26, 226-235.	1.9	6
28	Can child restraint product information developed using consumer testing sustain correct use 6 months after child restraint purchase? Study protocol for a cluster randomised controlled trial. <i>Injury Prevention</i> , 2019, 25, 175-179.	2.4	0
29	Characterizing on-road driving performance in individuals with traumatic brain injury who pass or fail an on-road driving assessment. <i>Disability and Rehabilitation</i> , 2019, 41, 1313-1320.	1.8	7
30	Self-regulation upon return to driving after traumatic brain injury. <i>Neuropsychological Rehabilitation</i> , 2019, 29, 92-106.	1.6	4
31	The Driver Behaviour Questionnaire for older drivers: Do errors, violations and lapses change over time?. <i>Accident Analysis and Prevention</i> , 2018, 113, 171-178.	5.7	20
32	Frontal and oblique crash tests of HIII 6-year-old child ATD using real-world, observed child passenger postures. <i>Traffic Injury Prevention</i> , 2018, 19, S125-S130.	1.4	16
33	Understanding fatal older road user crash circumstances and risk factors. <i>Traffic Injury Prevention</i> , 2018, 19, S181-S183.	1.4	2
34	Interventions for resuming driving after traumatic brain injury. <i>Disability and Rehabilitation</i> , 2018, 40, 757-764.	1.8	15
35	Using medico-legal data to investigate fatal older road user crash circumstances and risk factors. <i>Traffic Injury Prevention</i> , 2018, 19, 133-140.	1.4	7
36	Barriers to correct child restraint use: A qualitative study of child restraint users and their needs. <i>Safety Science</i> , 2018, 109, 186-194.	4.9	17

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37	Toward best practice in Human Machine Interface design for older drivers: A review of current design guidelines. <i>Accident Analysis and Prevention</i> , 2017, 106, 460-467.	5.7	28
38	Self-Awareness and Self-Ratings of On-Road Driving Performance After Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2017, 32, E50-E59.	1.7	16
39	The development and initial validation of a new tool to measure self-awareness of driving ability after brain injury. <i>Australian Occupational Therapy Journal</i> , 2017, 64, 33-40.	1.1	7
40	Parental role in children's road safety experiences. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2017, 46, 195-204.	3.7	13
41	Are older drivers' on-road driving error rates related to functional performance and/or self-reported driving experiences?. <i>Accident Analysis and Prevention</i> , 2017, 103, 1-9.	5.7	12
42	Automated recognition of rear seat occupants' head position using Kinect's 3D point cloud. <i>Journal of Safety Research</i> , 2017, 63, 135-143.	3.6	8
43	Driving Task: How Older Drivers' On-Road Driving Performance Relates to Abilities, Perceptions, and Restrictions. <i>Canadian Journal on Aging</i> , 2016, 35, 15-31.	1.1	14
44	Naturalistic driving study of rear seat child occupants: Quantification of head position using a Kinect's sensor. <i>Traffic Injury Prevention</i> , 2016, 17, 168-174.	1.4	23
45	Medical review licensing outcomes in drivers with visual field loss in Victoria, Australia. <i>Australasian journal of optometry</i> , The, 2016, 99, 462-468.	1.3	5
46	On the road again after traumatic brain injury: driver safety and behaviour following on-road assessment and rehabilitation. <i>Disability and Rehabilitation</i> , 2016, 38, 994-1005.	1.8	17
47	Modeling Driving Performance Using In-Vehicle Speech Data From a Naturalistic Driving Study. <i>Human Factors</i> , 2016, 58, 833-845.	3.5	4
48	Evaluation of a video-based measure of driver heart rate. <i>Journal of Safety Research</i> , 2015, 54, 55.e29-59.	3.6	32
49	Measuring Driving-Related Attitudes Among Older Adults: Psychometric Evidence for the Decisional Balance Scale Across Time and Gender. <i>Gerontologist</i> , The, 2015, 55, 1068-1078.	3.9	4
50	Self-Regulation of Driving Behavior in People with Parkinson Disease. <i>Cognitive and Behavioral Neurology</i> , 2015, 28, 80-91.	0.9	8
51	An international study of the quality of national-level guidelines on driving with medical illness. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2015, 108, 859-869.	0.5	21
52	Factors Affecting Self-Regulatory Driving Practices Among Older Adults. <i>Traffic Injury Prevention</i> , 2014, 15, 262-272.	1.4	76
53	Older driver and passenger collaboration for wayfinding in unfamiliar areas. <i>International Journal of Behavioral Development</i> , 2014, 38, 378-385.	2.4	8
54	Safety in numbers? Investigating Australian driver behaviour, knowledge and attitudes towards cyclists. <i>Accident Analysis and Prevention</i> , 2014, 70, 148-154.	5.7	64

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55	Computer vision and driver distraction: Developing a behaviour-flagging protocol for naturalistic driving data. <i>Accident Analysis and Prevention</i> , 2014, 72, 177-183.	5.7	8
56	Older driver distraction: A naturalistic study of behaviour at intersections. <i>Accident Analysis and Prevention</i> , 2013, 58, 271-278.	5.7	34
57	Findings from the Candrive/Ozcandrive study: Low mileage older drivers, crash risk and reduced fitness to drive. <i>Accident Analysis and Prevention</i> , 2013, 61, 304-310.	5.7	40
58	Driving avoidance by older adults: Is it always self-regulation?. <i>Accident Analysis and Prevention</i> , 2013, 57, 96-104.	5.7	70
59	Protocol for Candrive II/Ozcandrive, a multicentre prospective older driver cohort study. <i>Accident Analysis and Prevention</i> , 2013, 61, 245-252.	5.7	107
60	Parents' attitudes, knowledge and behaviours relating to safe child occupant travel. <i>Accident Analysis and Prevention</i> , 2013, 51, 18-26.	5.7	23
61	How Important Is Vehicle Safety for Older Consumers in the Vehicle Purchase Process?. <i>Traffic Injury Prevention</i> , 2013, 14, 592-601.	1.4	14
62	Cyclists and open vehicle doors: Crash characteristics and risk factors. <i>Safety Science</i> , 2013, 59, 135-140.	4.9	43
63	Self-regulation of driving by older adults: Comparison of self-report and objective driving data. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2013, 20, 29-38.	3.7	59
64	Boosting correct and appropriate booster seat use in Australia. <i>Safety Science</i> , 2013, 54, 51-57.	4.9	5
65	Why do cyclists infringe at red lights? An investigation of Australian cyclists' reasons for red light infringement. <i>Accident Analysis and Prevention</i> , 2013, 50, 840-847.	5.7	71
66	Tactical, strategic, and life-goal self-regulation of driving by older adults: Development and testing of a questionnaire. <i>Journal of Safety Research</i> , 2013, 46, 107-117.	3.6	27
67	The Candrive/Ozcandrive prospective older driver study: Methodology and early study findings. <i>Accident Analysis and Prevention</i> , 2013, 61, 233-235.	5.7	15
68	Development and evaluation of a Driving Observation Schedule (DOS) to study everyday driving performance of older drivers. <i>Accident Analysis and Prevention</i> , 2013, 61, 253-260.	5.7	40
69	Reprint of "Driving avoidance by older adults: Is it always self-regulation?". <i>Accident Analysis and Prevention</i> , 2013, 61, 272-280.	5.7	16
70	Self-reported wayfinding ability of older drivers. <i>Accident Analysis and Prevention</i> , 2013, 59, 277-282.	5.7	30
71	Use of Kinect for naturalistic observation of occupants in vehicles. <i>Annals of Advances in Automotive Medicine</i> , 2013, 57, 343-4.	0.6	2
72	The Relationship between Older Drivers' Performance on the Driving Observation Schedule (eDOS) and Cognitive Performance. <i>Annals of Advances in Automotive Medicine</i> , 2013, 57, 67-76.	0.6	8

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73	Investigating driving behaviour of older drivers with mild cognitive impairment using a portable driving simulator. <i>Accident Analysis and Prevention</i> , 2012, 49, 300-307.	5.7	54
74	Epilepsy and driving: Current status of research. <i>Epilepsy Research</i> , 2012, 102, 135-152.	1.6	28
75	Impact of External Cue Validity on Driving Performance in Parkinson's Disease. <i>Parkinson's Disease</i> , 2011, 2011, 1-10.	1.1	10
76	Riding through red lights: The rate, characteristics and risk factors of non-compliant urban commuter cyclists. <i>Accident Analysis and Prevention</i> , 2011, 43, 323-328.	5.7	105
77	Are child occupants a significant source of driving distraction?. <i>Accident Analysis and Prevention</i> , 2011, 43, 1236-1244.	5.7	50
78	Older female drivers: An emerging transport safety and mobility issue in Australia. <i>Accident Analysis and Prevention</i> , 2010, 42, 515-522.	5.7	35
79	The safe mobility of older drivers: a challenge for urban road designers. <i>Journal of Transport Geography</i> , 2010, 18, 642-648.	5.0	27
80	Driving ability in Parkinson's disease: Current status of research. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 223-231.	6.1	58
81	Child Restraint System Misuse and/or Inappropriate Use in Australia. <i>Traffic Injury Prevention</i> , 2009, 10, 302-307.	1.4	38
82	Attitudes to and Mobility Impacts of Driving Cessation. <i>Topics in Geriatric Rehabilitation</i> , 2009, 25, 43-54.	0.4	32
83	Factors associated with the premature graduation of children into seatbelts. <i>Accident Analysis and Prevention</i> , 2008, 40, 657-666.	5.7	21
84	How important is vehicle safety in the new vehicle purchase process?. <i>Accident Analysis and Prevention</i> , 2008, 40, 994-1004.	5.7	63
85	Implications of Vision Testing for Older Driver Licensing. <i>Traffic Injury Prevention</i> , 2008, 9, 304-313.	1.4	38
86	An Australasian Model License Reassessment Procedure for Identifying Potentially Unsafe Drivers. <i>Traffic Injury Prevention</i> , 2008, 9, 350-359.	1.4	20
87	Booster seat use by children aged 4â€“11 years: evidence of the need to revise current Australasian standards to accommodate overweight children. <i>Medical Journal of Australia</i> , 2008, 188, 328-331.	1.7	3
88	How Important is Vehicle Safety in the New Vehicle Purchase/Lease Process for Fleet Vehicles?. <i>Traffic Injury Prevention</i> , 2007, 8, 130-136.	1.4	3
89	General Health Status and Functional Disability Following Injury in Traffic Crashes. <i>Traffic Injury Prevention</i> , 2007, 8, 309-320.	1.4	36
90	Visual fields and driving. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 594-595.	2.6	1

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91	The impacts of functional performance, behaviour and traffic exposure on road-crossing judgements of young children. Annual Proceedings, 2007, 51, 81-96.	0.2	4
92	Neuropsychological Function and Driving Ability in People with Parkinson's Disease. Journal of Clinical and Experimental Neuropsychology, 2006, 28, 898-913.	1.3	61
93	Crash characteristics and injury outcomes for older passenger car occupants. Transportation Research Part F: Traffic Psychology and Behaviour, 2006, 9, 322-334.	3.7	24
94	Characteristics of older drivers who adopt self-regulatory driving behaviours. Transportation Research Part F: Traffic Psychology and Behaviour, 2006, 9, 363-373.	3.7	211
95	Effect of a concurrent task on driving performance in people with Parkinson's disease. Movement Disorders, 2006, 21, 2096-2100.	3.9	46
96	Impact of internal versus external cueing on driving performance in people with Parkinson's disease. Movement Disorders, 2005, 20, 846-857.	3.9	53
97	Crossing roads safely: An experimental study of age differences in gap selection by pedestrians. Accident Analysis and Prevention, 2005, 37, 962-971.	5.7	297
98	Crash risk of older female drivers--contributing factors. Annual Proceedings, 2005, 49, 345-60.	0.2	1
99	Injuries to children in child restraints. International Journal of Crashworthiness, 2003, 8, 277-284.	1.9	10
100	Vehicle crashworthiness and the older motorist. Ageing and Society, 2003, 23, 395-409.	1.7	14
101	Self-regulatory behaviours of older drivers. Annual Proceedings, 2003, 47, 181-94.	0.2	14
102	Assessing Financial Competence. Psychiatry, Psychology and Law, 2002, 9, 248-256.	1.2	25
103	Self-awareness following traumatic brain injury and implications for rehabilitation. Brain Injury, 2002, 16, 277-289.	1.2	92
104	Wayfinding in Older Adults. Clinical Gerontologist, 2001, 23, 168-172.	2.2	13
105	Differences in traffic judgements between young and old adult pedestrians. Accident Analysis and Prevention, 1997, 29, 839-847.	5.7	201
106	Kinematic characteristics of reaching in children with Down Syndrome. Human Movement Science, 1996, 15, 727-743.	1.4	29
107	Motor control issues and clinical applications. Physiotherapy Theory and Practice, 1994, 10, 185-190.	1.3	2
108	Chapter 15 Motor Control Considerations for Assessment and Rehabilitation of Movement Disorders. Advances in Psychology, 1992, , 441-467.	0.1	7