Julie Brown

List of Publications by Year in Descending Order

112 papers	994 citations	18 h-index	25 g-index
124 ext. papers	1,217 ext. citations	3.4 avg, IF	4.27 L-index

#	Paper	IF	Citations
112	Comparative performance of rearward and forward-facing child restraint systems with common use errors: Effect on crash injury risk for a 1-year-old occupant.. *Traffic Injury Prevention*, **2022**, 1-6	1.8	0
111	Identifying individual-based injury patterns in multi-trauma road users by using an association rule mining method. *Accident Analysis and Prevention*, **2022**, 164, 106479	6.1	1
110	Head excursion in fontal impacts is lower in high back booster seats than in forward facing child seats with internal harnesses designed for children up to 8 years of age.. *Traffic Injury Prevention*, **2022**, 1-6	1.8	0
109	Neck Loads During Head-First Entries into Trampoline Dismount Foam Pits: Considerations for Trampoline Park Safety.. *Annals of Biomedical Engineering*, **2022**, 50, 691	4.7	1
108	Exploring Infant Fall Events Using Online Parenting Discussion Forums: Infodemiology Study.. *JMIR Pediatrics and Parenting*, **2022**, 5, e34413	4.2	0
107	Population-Level Incidence and Use-Related Factors of Comfort and Orthopedic Accessories Among Older Vehicle Occupants in NSW, Australia. *Journal of Applied Gerontology*, **2021**, 40, 1305-1313	3.3	
106	Toward a Behavior Theory-Informed and User-Centered Mobile App for Parents to Prevent Infant Falls: Development and Usability Study.. *JMIR Pediatrics and Parenting*, **2021**, 4, e29731	4.2	0
105	Are there sex differences in crash and crash-related injury between men and women? A 13-year cohort study of young drivers in Australia. *SSM - Population Health*, **2021**, 14, 100816	3.8	4
104	Paediatric off-road vehicle injury in rural and regional Australia. *Australian Journal of Rural Health*, **2021**, 29, 417-428	1.3	0
103	Out of the silos: embedding injury prevention into the Sustainable Development Goals. *Injury Prevention*, **2021**, 27, 166-171	3.2	5
102	Dynamic frontal crash performance of old and used child restraint systems. *Traffic Injury Prevention*, **2021**, 22, 570-575	1.8	1
101	Identify the key characteristics of pedestrian collisions through in-depth interviews: a pilot study. *International Journal of Injury Control and Safety Promotion*, **2021**, 28, 135-140	1.8	
100	Influence of child restraint system design features on comfort, belt fit and posture. *Safety Science*, **2020**, 128, 104707	5.8	4
99	Restraint Factors and Child Passenger Deaths in New South Wales, Australia. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	4
98	Active safety systems for powered two-wheelers: A systematic review. *Traffic Injury Prevention*, **2020**, 21, 78-86	1.8	14
97	Associations between vision impairment and driving and the effectiveness of vision-related interventions: protocol for a systematic review and meta-analysis. *BMJ Open*, **2020**, 10, e040881	3	1
96	User-driven design of child restraint information to reduce errors in use: a pilot randomised controlled trial. *Injury Prevention*, **2020**, 26, 432-438	3.2	0

95	Associations between vision impairment and driving and the effectiveness of vision-related interventions: protocol for a systematic review and meta-analysis. *BMJ Open*, **2020**, 10, e040881	3	
94	Frontal crash seat belt restraint effectiveness and comfort accessories used by older occupants. *Traffic Injury Prevention*, **2020**, 21, 60-65	1.8	1
93	Hospitalised infants due to falls aged less 12 months in New South Wales from 2002 to 2013. *Journal of Paediatrics and Child Health*, **2020**, 56, 1885-1890	1.3	1
92	Effectiveness of child restraint legislation to reduce motor vehicle related serious injuries and fatalities: A national interrupted time series analysis. *Accident Analysis and Prevention*, **2020**, 142, 105553	6.1	1
91	Behind the Wheel: Process Evaluation of a Safe-Transport Program for Older Drivers Delivered in a Randomized Controlled Trial. *Journal of Applied Gerontology*, **2020**, 39, 954-965	3.3	2
90	Cross-chest clips in child restraints: A crash testing study. *Traffic Injury Prevention*, **2019**, 20, 720-725	1.8	
89	Assessing the performance of motorcyclists' impact protectors in simulated ATD knee and shoulder impacts. *Traffic Injury Prevention*, **2019**, 20, 169-173	1.8	1
88	High glucose levels affect retinal patterning during zebrafish embryogenesis. *Scientific Reports*, **2019**, 9, 4121	4.9	11
87	Does injury pattern among major road trauma patients influence prehospital transport decisions regardless of the distance to the nearest trauma centre? - a retrospective study. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2019**, 27, 18	3.6	7
86	Comparing consequences of using two different definitions for body regions for the improvement of personal protective equipment for powered two-wheelers. *Traffic Injury Prevention*, **2019**, 20, S182-S185	1.8	1
85	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. *Injury Prevention*, **2019**, 25, 175-179	3.2	
84	The effect of correct cross-chest clip use on injury outcomes in young children during motor vehicle crashes. *Traffic Injury Prevention*, **2018**, 19, 371-377	1.8	1
83	Sex differences evident in self-reported but not objective measures of driving. *Accident Analysis and Prevention*, **2018**, 111, 155-160	6.1	5
82	Children and motorcycles: a systematic review of risk factors and interventions. *Injury Prevention*, **2018**, 24, 166-175	3.2	6
81	A comparison of the management of blunt splenic injury in children and young people-A New South Wales, population-based, retrospective study. *Injury*, **2018**, 49, 42-50	2.5	2
80	Barriers to correct child restraint use: A qualitative study of child restraint users and their needs. *Safety Science*, **2018**, 109, 186-194	5.8	12
79	The burden of hospitalized sports-related injuries in children: an Australian population-based study, 2005-2013. *Injury Epidemiology*, **2018**, 5, 45	1.7	10
78	Near-miss crashes and other predictors of motorcycle crashes: Findings from a population-based survey. *Traffic Injury Prevention*, **2018**, 19, S20-S26	1.8	3

77	Validation of the abrasion resistance test protocols and performance criteria of EN13595: The probability of soft tissue injury to motorcycle riders by abrasion resistance of their clothing. *Journal of Safety Research*, **2017**, 61, 1-7	4	2
76	Perils of using speed zone data to assess real-world compliance to speed limits. *Traffic Injury Prevention*, **2017**, 18, 845-851	1.8	
75	Management of paediatric splenic injury in the New South Wales trauma system. *Injury*, **2017**, 48, 106-112	2.5	7
74	Seat belt repositioning and use of vehicle seat cushions is increased among older drivers aged 75 years and older with morbidities. *Australasian Journal on Ageing*, **2017**, 36, 26-31	1.5	3
73	The relationship between Motorcycle Rider Behaviour Questionnaire scores and crashes for riders in Australia. *Accident Analysis and Prevention*, **2017**, 102, 202-212	6.1	26
72	Effects of a Safe Transportation Educational Program for Older Drivers on Driving Exposure and Community Participation: A Randomized Controlled Trial. *Journal of the American Geriatrics Society*, **2017**, 65, 540-549	5.6	7
71	Quality of harness fit for normal and low birthweight infants observed among newborns in infant car seats. *Injury Prevention*, **2017**, 23, 81-86	3.2	
70	Paediatric injury from indoor trampoline centres. *Injury Prevention*, **2017**, 23, 352-354	3.2	17
69	Energy attenuation performance of impact protection worn by motorcyclists in real-world crashes. *Traffic Injury Prevention*, **2017**, 18, S116-S121	1.8	2
68	A novel approach to study the health consequences of road crashes. *Journal of Transport and Health*, **2017**, 7, 280-287	3	1
67	A novel method for quanitifying comfort in child passengers demonstrates an association between child restraint comfort and errors in use of booster seats. *Traffic Injury Prevention*, **2017**, 18, S109-S115	1.8	4
66	Injury from falls in infants under one year. *Journal of Paediatrics and Child Health*, **2017**, 53, 754-760	1.3	10
65	Predictors of older drivers' involvement in rapid deceleration events. *Accident Analysis and Prevention*, **2017**, 98, 312-319	6.1	16
64	Predictors of older drivers' involvement in high-range speeding behavior. *Traffic Injury Prevention*, **2017**, 18, 124-131	1.8	8
63	"He's the Number One Thing in My World": Application of the PRECEDE-PROCEED Model to Explore Child Car Seat Use in a Regional Community in New South Wales. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	6
62	A robust estimation of the effects of motorcycle autonomous emergency braking (MAEB) based on in-depth crashes in Australia. *Traffic Injury Prevention*, **2016**, 17 Suppl 1, 66-72	1.8	12
61	129 The child safety good practice guide: we don□t need to reinvent the wheel. *Injury Prevention*, **2016**, 22, A48.1-A48	3.2	
60	173 Seat belt fit and use behaviours observed among drivers aged 75+ years in their own vehicles. *Injury Prevention*, **2016**, 22, A63.3-A64	3.2	

59	Motorcycle fuel tanks and pelvic fractures: A motorcycle fuel tank syndrome. *Traffic Injury Prevention*, **2016**, 17, 644-9	1.8	7
58	Exploration of older drivers speeding behaviour. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2016**, 42, 532-543	4.5	20
57	Child restraint use and parental perceptions of comfort. *Traffic Injury Prevention*, **2016**, 17, 758-62	1.8	1
56	Thermal and cardiovascular strain imposed by motorcycle protective clothing under Australian summer conditions. *Ergonomics*, **2016**, 59, 504-13	2.9	2
55	Seat belt use and fit among drivers aged 75 years and older in their own vehicles. *Traffic Injury Prevention*, **2016**, 17, 142-50	1.8	10
54	190 Behind the wheel: driving exposure and participation from a randomised controlled trial program for older drivers. *Injury Prevention*, **2016**, 22, A69.3-A70	3.2	
53	Injury patterns of rear seat occupants in frontal impact: an in-depth crash investigation study. *Injury Prevention*, **2016**, 22, 165-70	3.2	8
52	537 Consensus driven design of child restraint product information to reduce misuse. *Injury Prevention*, **2016**, 22, A193.3-A194	3.2	2
51	58 Child car restraint use among aboriginal and torres strait islander children. *Injury Prevention*, **2016**, 22, A23.1-A23	3.2	1
50	180 Falls in children under one year. *Injury Prevention*, **2016**, 22, A66.2-A66	3.2	
49	Naturalistic rapid deceleration data: Drivers aged 75 years and older. *Data in Brief*, **2016**, 9, 909-916	1.2	7
48	A longitudinal investigation of the predictors of older drivers' speeding behaviour. *Accident Analysis and Prevention*, **2016**, 93, 41-47	6.1	11
47	Naturalistic speeding data: Drivers aged 75 years and older. *Data in Brief*, **2016**, 8, 136-41	1.2	4
46	The prevalence of crash risk factors in a population-based study of motorcycle riders. *Injury*, **2016**, 47, 2025-33	2.5	6
45	Family day care educators as a source of child car safety information for parents. *International Journal of Health Promotion and Education*, **2016**, 54, 24-33	0.8	
44	Triggering algorithm based on inevitable collision states for autonomous emergency braking (AEB) in motorcycle-to-car crashes **2015**,		8
43	Relationship between skin abrasion injuries and clothing material characteristics in motorcycle crashes. *Biotribology*, **2015**, 3, 20-26	2.3	6
42	Program fidelity measures associated with an effective child restraint program: Buckle-Up Safely. *American Journal of Public Health*, **2015**, 105, 584-90	5.1	5

41	Behind the Wheel: Predictors of Driving Exposure in Older Drivers. *Journal of the American Geriatrics Society*, **2015**, 63, 1137-45	5.6	20
40	Behind the Wheel: Confidence and Naturalistic Measures of Driving Exposure Among Older Drivers. *Transportation Research Record*, **2015**, 2516, 35-43	1.7	8
39	Buckle up safely (shoalhaven): a process and impact evaluation of a pragmatic, multifaceted preschool-based pilot program to increase correct use of age-appropriate child restraints. *Traffic Injury Prevention*, **2014**, 15, 483-90	1.8	14
38	Further development of Motorcycle Autonomous Emergency Braking (MAEB), what can in-depth studies tell us? A multinational study. *Traffic Injury Prevention*, **2014**, 15 Suppl 1, S165-72	1.8	21
37	Distribution and type of crash damage to motorcyclists' clothing: validation of the zone approach in the European Standard for motorcycle protective clothing, EN13595. *Traffic Injury Prevention*, **2014**, 15, 501-7	1.8	6
36	Validation of the principles of injury risk zones for motorcycle protective clothing. *Journal of Safety Research*, **2014**, 50, 83-7	4	5
35	Restraint Use and Injury Patterns of Young Drivers and Passengers Admitted to Hospitals in New South Wales, Australia. *Transportation Research Record*, **2014**, 2425, 41-49	1.7	1
34	The scope and nature of injuries to rear seat passengers in NSW using linked hospital admission and police data. *Traffic Injury Prevention*, **2014**, 15, 462-9	1.8	9
33	Assessment of vehicle and restraint design changes for mitigating rear seat occupant injuries. *Traffic Injury Prevention*, **2014**, 15, 711-9	1.8	8
32	A randomized trial to evaluate the effectiveness of an individual, education-based safe transport program for drivers aged 75 years and older. *BMC Public Health*, **2013**, 13, 106	4.1	15
31	Child restraint use in low socio-economic areas of urban Sydney during transition to new legislation. *Accident Analysis and Prevention*, **2013**, 50, 984-91	6.1	19
30	A qualitative approach using the integrative model of behaviour change to identify intervention strategies to increase optimal child restraint practices among culturally and linguistically diverse families in New South Wales. *Injury Prevention*, **2013**, 19, 6-12	3.2	6
29	Increase in best practice child car restraint use for children aged 2-5 years in low socioeconomic areas after introduction of mandatory child restraint laws. *Australian and New Zealand Journal of Public Health*, **2013**, 37, 272-7	2.3	14
28	Exploring child car passenger safety practices in China: experience from a parental survey in Shanghai. *Injury Prevention*, **2012**, 18, 133-7	3.2	19
27	Evaluation of an education, restraint distribution, and fitting program to promote correct use of age-appropriate child restraints for children aged 3 to 5 years: a cluster randomized trial. *American Journal of Public Health*, **2012**, 102, e96-102	5.1	18
26	Child passenger safety practice in China: attention and action. *Injury Prevention*, **2012**, 18, A203.1-A203	3.2	
25	Restraint use and seating position among child car passengers: an observational study in Shanghai. *Accident Analysis and Prevention*, **2011**, 43, 2195-2199	6.1	13
24	Buckle up safely: a cluster randomised trial to evaluate the effectiveness of a pre-school based program to increase appropriate use of child restraints. *BMC Public Health*, **2011**, 11, 16	4.1	7

23	Child Restraint Fitting Stations reduce incorrect restraint use among child occupants. *Accident Analysis and Prevention*, **2011**, 43, 1128-33	6.1	20
22	Variations in rear seat cushion properties and the effects on submarining. *Traffic Injury Prevention*, **2011**, 12, 54-61	1.8	8
21	Spinal injury in car crashes: crash factors and the effects of occupant age. *Injury Prevention*, **2011**, 17, 228-32	3.2	16
20	Factors predicting incorrect use of restraints by children travelling in cars: a cluster randomised observational study. *Injury Prevention*, **2011**, 17, 91-6	3.2	20
19	Shoulder height labeling of child restraints to minimize premature graduation. *Pediatrics*, **2010**, 126, 490-7	7.4	1
18	Relative benefits of population-level interventions targeting restraint-use in child car passengers. *Pediatrics*, **2010**, 125, 304-12	7.4	15
17	The characteristics of incorrect restraint use among children traveling in cars in New South Wales, Australia. *Traffic Injury Prevention*, **2010**, 11, 391-8	1.8	30
16	Accessory child safety harnesses: do the risks outweigh the benefits?. *Accident Analysis and Prevention*, **2010**, 42, 112-21	6.1	3
15	A matched-cohort analysis of belted front and rear seat occupants in newer and older model vehicles shows that gains in front occupant safety have outpaced gains for rear seat occupants. *Accident Analysis and Prevention*, **2010**, 42, 1974-7	6.1	34
14	Population-level estimates of child restraint practices among children aged 0-12 years in NSW, Australia. *Accident Analysis and Prevention*, **2010**, 42, 2144-8	6.1	32
13	The need for enhanced protocols for assessing the dynamic performance of booster seats in frontal impacts. *Traffic Injury Prevention*, **2009**, 10, 58-69	1.8	3
12	Age-specific parental knowledge of restraint transitions influences appropriateness of child occupant restraint use. *Injury Prevention*, **2008**, 14, 159-63	3.2	29
11	Association between different restraint use and rear-seated child passenger fatalities: a matched cohort study. *JAMA Pediatrics*, **2008**, 162, 1085-9		34
10	Crash characteristics of older pedestrian fatalities: dementia pathology may be related to 'at risk' traffic situations. *Accident Analysis and Prevention*, **2008**, 40, 912-9	6.1	34
9	Pediatric spinal injury type and severity are age and mechanism dependent. *Spine*, **2007**, 32, 2339-47	3.3	56
8	Reconstruction of crashes involving injured child occupants: the risk of serious injuries associated with sub-optimal restraint use may be reduced by better controlling occupant kinematics. *Traffic Injury Prevention*, **2007**, 8, 47-61	1.8	26
7	Serious injury is associated with suboptimal restraint use in child motor vehicle occupants. *Journal of Paediatrics and Child Health*, **2006**, 42, 345-9	1.3	50
6	High back booster seats: in the field and in the laboratory. *Annual Proceedings*, **2006**, 50, 365-79		1

5	Improved protection for children in forward-facing restraints during side impacts. *Traffic Injury Prevention*, **2005**, 6, 135-46	1.8	15
4	Effectiveness of high back belt positioning booster seats in side impacts. *Traffic Injury Prevention*, **2005**, 6, 147-55	1.8	3
3	Extent and distribution of vascular brain injury in pediatric road fatalities. *Journal of Neurotrauma*, **2001**, 18, 849-60	5.4	25
2	A Comparison of Alternative Anchorage Systems for Child Restraints in Side Impacts **1997**,		6
1	Children in Adult Seat Belts and Child Harnesses: Crash Sled Comparisons of Dummy Responses **1997**,		5