

# Julie Brown

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112  
papers

994  
citations

18  
h-index

25  
g-index

124  
ext. papers

1,217  
ext. citations

3.4  
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4.27  
L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 112 | Pediatric spinal injury type and severity are age and mechanism dependent. <i>Spine</i> , <b>2007</b> , 32, 2339-47   | 3.3 | 56        |
| 111 | Serious injury is associated with suboptimal restraint use in child motor vehicle occupants. <i>Journal of Paediatrics and Child Health</i> , <b>2006</b> , 42, 345-9   | 1.3 | 50        |
| 110 | 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. <i>Accident Analysis and Prevention</i> , <b>2010</b> , 42, 1974-7 | 6.1 | 34        |
| 109 | Association between different restraint use and rear-seated child passenger fatalities: a matched cohort study. <i>JAMA Pediatrics</i> , <b>2008</b> , 162, 1085-9  |     | 34        |
| 108 | Crash characteristics of older pedestrian fatalities: dementia pathology may be related to 'at risk' traffic situations. <i>Accident Analysis and Prevention</i> , <b>2008</b> , 40, 912-9  | 6.1 | 34        |
| 107 | Population-level estimates of child restraint practices among children aged 0-12 years in NSW, Australia. <i>Accident Analysis and Prevention</i> , <b>2010</b> , 42, 2144-8  | 6.1 | 32        |
| 106 | The characteristics of incorrect restraint use among children traveling in cars in New South Wales, Australia. <i>Traffic Injury Prevention</i> , <b>2010</b> , 11, 391-8   | 1.8 | 30        |
| 105 | Age-specific parental knowledge of restraint transitions influences appropriateness of child occupant restraint use. <i>Injury Prevention</i> , <b>2008</b> , 14, 159-63  | 3.2 | 29        |
| 104 | The relationship between Motorcycle Rider Behaviour Questionnaire scores and crashes for riders in Australia. <i>Accident Analysis and Prevention</i> , <b>2017</b> , 102, 202-212  | 6.1 | 26        |
| 103 | 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. <i>Traffic Injury Prevention</i> , <b>2007</b> , 8, 47-61       | 1.8 | 26        |
| 102 | Extent and distribution of vascular brain injury in pediatric road fatalities. <i>Journal of Neurotrauma</i> , <b>2001</b> , 18, 849-60   | 5.4 | 25        |
| 101 | Further development of Motorcycle Autonomous Emergency Braking (MAEB), what can in-depth studies tell us? A multinational study. <i>Traffic Injury Prevention</i> , <b>2014</b> , 15 Suppl 1, S165-72   | 1.8 | 21        |
| 100 | Exploration of older drivers' speeding behaviour. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2016</b> , 42, 532-543   | 4.5 | 20        |
| 99  | Behind the Wheel: Predictors of Driving Exposure in Older Drivers. <i>Journal of the American Geriatrics Society</i> , <b>2015</b> , 63, 1137-45  | 5.6 | 20        |
| 98  | Child Restraint Fitting Stations reduce incorrect restraint use among child occupants. <i>Accident Analysis and Prevention</i> , <b>2011</b> , 43, 1128-33  | 6.1 | 20        |
| 97  | Factors predicting incorrect use of restraints by children travelling in cars: a cluster randomised observational study. <i>Injury Prevention</i> , <b>2011</b> , 17, 91-6  | 3.2 | 20        |
| 96  | Child restraint use in low socio-economic areas of urban Sydney during transition to new legislation. <i>Accident Analysis and Prevention</i> , <b>2013</b> , 50, 984-91  | 6.1 | 19        |

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| 95 | Exploring child car passenger safety practices in China: experience from a parental survey in Shanghai. <i>Injury Prevention</i> , <b>2012</b> , 18, 133-7   | 3.2 | 19 |
| 94 | 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. <i>American Journal of Public Health</i> , <b>2012</b> , 102, e96-102 | 5.1 | 18 |
| 93 | Paediatric injury from indoor trampoline centres. <i>Injury Prevention</i> , <b>2017</b> , 23, 352-354   | 3.2 | 17 |
| 92 | Predictors of older drivers' involvement in rapid deceleration events. <i>Accident Analysis and Prevention</i> , <b>2017</b> , 98, 312-319   | 6.1 | 16 |
| 91 | Spinal injury in car crashes: crash factors and the effects of occupant age. <i>Injury Prevention</i> , <b>2011</b> , 17, 228-32   | 3.2 | 16 |
| 90 | A randomized trial to evaluate the effectiveness of an individual, education-based safe transport program for drivers aged 75 years and older. <i>BMC Public Health</i> , <b>2013</b> , 13, 106  | 4.1 | 15 |
| 89 | Relative benefits of population-level interventions targeting restraint-use in child car passengers. <i>Pediatrics</i> , <b>2010</b> , 125, 304-12   | 7.4 | 15 |
| 88 | Improved protection for children in forward-facing restraints during side impacts. <i>Traffic Injury Prevention</i> , <b>2005</b> , 6, 135-46  | 1.8 | 15 |
| 87 | Active safety systems for powered two-wheelers: A systematic review. <i>Traffic Injury Prevention</i> , <b>2020</b> , 21, 78-86  | 1.8 | 14 |
| 86 | 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. <i>Traffic Injury Prevention</i> , <b>2014</b> , 15, 483-90                   | 1.8 | 14 |
| 85 | 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. <i>Australian and New Zealand Journal of Public Health</i> , <b>2013</b> , 37, 272-7                  | 2.3 | 14 |
| 84 | Restraint use and seating position among child car passengers: an observational study in Shanghai. <i>Accident Analysis and Prevention</i> , <b>2011</b> , 43, 2195-2199   | 6.1 | 13 |
| 83 | A robust estimation of the effects of motorcycle autonomous emergency braking (MAEB) based on in-depth crashes in Australia. <i>Traffic Injury Prevention</i> , <b>2016</b> , 17 Suppl 1, 66-72  | 1.8 | 12 |
| 82 | Barriers to correct child restraint use: A qualitative study of child restraint users and their needs. <i>Safety Science</i> , <b>2018</b> , 109, 186-194  | 5.8 | 12 |
| 81 | High glucose levels affect retinal patterning during zebrafish embryogenesis. <i>Scientific Reports</i> , <b>2019</b> , 9, 4121  | 4.9 | 11 |
| 80 | A longitudinal investigation of the predictors of older drivers' speeding behaviour. <i>Accident Analysis and Prevention</i> , <b>2016</b> , 93, 41-47   | 6.1 | 11 |
| 79 | Seat belt use and fit among drivers aged 75 years and older in their own vehicles. <i>Traffic Injury Prevention</i> , <b>2016</b> , 17, 142-50   | 1.8 | 10 |
| 78 | Injury from falls in infants under one year. <i>Journal of Paediatrics and Child Health</i> , <b>2017</b> , 53, 754-760  | 1.3 | 10 |

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| 77 | The burden of hospitalized sports-related injuries in children: an Australian population-based study, 2005-2013. <i>Injury Epidemiology</i> , <b>2018</b> , 5, 45   | 1.7 | 10 |
| 76 | The scope and nature of injuries to rear seat passengers in NSW using linked hospital admission and police data. <i>Traffic Injury Prevention</i> , <b>2014</b> , 15, 462-9   | 1.8 | 9  |
| 75 | Triggering algorithm based on inevitable collision states for autonomous emergency braking (AEB) in motorcycle-to-car crashes <b>2015</b> ,   |     | 8  |
| 74 | Predictors of older drivers' involvement in high-range speeding behavior. <i>Traffic Injury Prevention</i> , <b>2017</b> , 18, 124-131  | 1.8 | 8  |
| 73 | Behind the Wheel: Confidence and Naturalistic Measures of Driving Exposure Among Older Drivers. <i>Transportation Research Record</i> , <b>2015</b> , 2516, 35-43   | 1.7 | 8  |
| 72 | Assessment of vehicle and restraint design changes for mitigating rear seat occupant injuries. <i>Traffic Injury Prevention</i> , <b>2014</b> , 15, 711-9   | 1.8 | 8  |
| 71 | Variations in rear seat cushion properties and the effects on submarining. <i>Traffic Injury Prevention</i> , <b>2011</b> , 12, 54-61   | 1.8 | 8  |
| 70 | Injury patterns of rear seat occupants in frontal impact: an in-depth crash investigation study. <i>Injury Prevention</i> , <b>2016</b> , 22, 165-70  | 3.2 | 8  |
| 69 | Management of paediatric splenic injury in the New South Wales trauma system. <i>Injury</i> , <b>2017</b> , 48, 106-113   | 3.5 | 7  |
| 68 | Effects of a Safe Transportation Educational Program for Older Drivers on Driving Exposure and Community Participation: A Randomized Controlled Trial. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 540-549  | 5.6 | 7  |
| 67 | Does injury pattern among major road trauma patients influence prehospital transport decisions regardless of the distance to the nearest trauma centre? - a retrospective study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , <b>2019</b> , 27, 18 | 3.6 | 7  |
| 66 | Motorcycle fuel tanks and pelvic fractures: A motorcycle fuel tank syndrome. <i>Traffic Injury Prevention</i> , <b>2016</b> , 17, 644-9   | 1.8 | 7  |
| 65 | Buckle up safely: a cluster randomised trial to evaluate the effectiveness of a pre-school based program to increase appropriate use of child restraints. <i>BMC Public Health</i> , <b>2011</b> , 11, 16   | 4.1 | 7  |
| 64 | Naturalistic rapid deceleration data: Drivers aged 75 years and older. <i>Data in Brief</i> , <b>2016</b> , 9, 909-916  | 1.2 | 7  |
| 63 | Relationship between skin abrasion injuries and clothing material characteristics in motorcycle crashes. <i>Biotribology</i> , <b>2015</b> , 3, 20-26   | 2.3 | 6  |
| 62 | Children and motorcycles: a systematic review of risk factors and interventions. <i>Injury Prevention</i> , <b>2018</b> , 24, 166-175   | 3.2 | 6  |
| 61 | Distribution and type of crash damage to motorcyclists' clothing: validation of the zone approach in the European Standard for motorcycle protective clothing, EN13595. <i>Traffic Injury Prevention</i> , <b>2014</b> , 15, 501-7  | 1.8 | 6  |
| 60 | "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. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,                            | 4.6 | 6  |

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|----|---|-----|---|
| 59 | 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. <i>Injury Prevention</i> , <b>2013</b> , 19, 6-12 | 3.2 | 6 |
| 58 | A Comparison of Alternative Anchorage Systems for Child Restraints in Side Impacts <b>1997</b> ,  |     | 6 |
| 57 | The prevalence of crash risk factors in a population-based study of motorcycle riders. <i>Injury</i> , <b>2016</b> , 47, 2025-33  | 2.5 | 6 |
| 56 | Sex differences evident in self-reported but not objective measures of driving. <i>Accident Analysis and Prevention</i> , <b>2018</b> , 111, 155-160  | 6.1 | 5 |
| 55 | Validation of the principles of injury risk zones for motorcycle protective clothing. <i>Journal of Safety Research</i> , <b>2014</b> , 50, 83-7  | 4   | 5 |
| 54 | Program fidelity measures associated with an effective child restraint program: Buckle-Up Safely. <i>American Journal of Public Health</i> , <b>2015</b> , 105, 584-90  | 5.1 | 5 |
| 53 | Children in Adult Seat Belts and Child Harnesses: Crash Sled Comparisons of Dummy Responses <b>1997</b> ,   |     | 5 |
| 52 | Out of the silos: embedding injury prevention into the Sustainable Development Goals. <i>Injury Prevention</i> , <b>2021</b> , 27, 166-171  | 3.2 | 5 |
| 51 | Influence of child restraint system design features on comfort, belt fit and posture. <i>Safety Science</i> , <b>2020</b> , 128, 104707   | 5.8 | 4 |
| 50 | Restraint Factors and Child Passenger Deaths in New South Wales, Australia. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,  | 4.6 | 4 |
| 49 | A novel method for quantifying comfort in child passengers demonstrates an association between child restraint comfort and errors in use of booster seats. <i>Traffic Injury Prevention</i> , <b>2017</b> , 18, S109-S115   | 1.8 | 4 |
| 48 | Are there sex differences in crash and crash-related injury between men and women? A 13-year cohort study of young drivers in Australia. <i>SSM - Population Health</i> , <b>2021</b> , 14, 100816  | 3.8 | 4 |
| 47 | Naturalistic speeding data: Drivers aged 75 years and older. <i>Data in Brief</i> , <b>2016</b> , 8, 136-41   | 1.2 | 4 |
| 46 | Seat belt repositioning and use of vehicle seat cushions is increased among older drivers aged 75 years and older with morbidities. <i>Australasian Journal on Ageing</i> , <b>2017</b> , 36, 26-31   | 1.5 | 3 |
| 45 | The need for enhanced protocols for assessing the dynamic performance of booster seats in frontal impacts. <i>Traffic Injury Prevention</i> , <b>2009</b> , 10, 58-69   | 1.8 | 3 |
| 44 | Accessory child safety harnesses: do the risks outweigh the benefits?. <i>Accident Analysis and Prevention</i> , <b>2010</b> , 42, 112-21   | 6.1 | 3 |
| 43 | Effectiveness of high back belt positioning booster seats in side impacts. <i>Traffic Injury Prevention</i> , <b>2005</b> , 6, 147-55   | 1.8 | 3 |
| 42 | Near-miss crashes and other predictors of motorcycle crashes: Findings from a population-based survey. <i>Traffic Injury Prevention</i> , <b>2018</b> , 19, S20-S26   | 1.8 | 3 |

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| 41 | 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. <i>Journal of Safety Research</i> , <b>2017</b> , 61, 1-7 | 4   | 2 |
| 40 | Energy attenuation performance of impact protection worn by motorcyclists in real-world crashes. <i>Traffic Injury Prevention</i> , <b>2017</b> , 18, S116-S121  | 1.8 | 2 |
| 39 | A comparison of the management of blunt splenic injury in children and young people-A New South Wales, population-based, retrospective study. <i>Injury</i> , <b>2018</b> , 49, 42-50  | 2.5 | 2 |
| 38 | Thermal and cardiovascular strain imposed by motorcycle protective clothing under Australian summer conditions. <i>Ergonomics</i> , <b>2016</b> , 59, 504-13   | 2.9 | 2 |
| 37 | 537 Consensus driven design of child restraint product information to reduce misuse. <i>Injury Prevention</i> , <b>2016</b> , 22, A193.3-A194  | 3.2 | 2 |
| 36 | Behind the Wheel: Process Evaluation of a Safe-Transport Program for Older Drivers Delivered in a Randomized Controlled Trial. <i>Journal of Applied Gerontology</i> , <b>2020</b> , 39, 954-965   | 3.3 | 2 |
| 35 | Assessing the performance of motorcyclists' impact protectors in simulated ATD knee and shoulder impacts. <i>Traffic Injury Prevention</i> , <b>2019</b> , 20, 169-173   | 1.8 | 1 |
| 34 | The effect of correct cross-chest clip use on injury outcomes in young children during motor vehicle crashes. <i>Traffic Injury Prevention</i> , <b>2018</b> , 19, 371-377   | 1.8 | 1 |
| 33 | Child restraint use and parental perceptions of comfort. <i>Traffic Injury Prevention</i> , <b>2016</b> , 17, 758-62   | 1.8 | 1 |
| 32 | Restraint Use and Injury Patterns of Young Drivers and Passengers Admitted to Hospitals in New South Wales, Australia. <i>Transportation Research Record</i> , <b>2014</b> , 2425, 41-49   | 1.7 | 1 |
| 31 | A novel approach to study the health consequences of road crashes. <i>Journal of Transport and Health</i> , <b>2017</b> , 7, 280-287   | 3   | 1 |
| 30 | Shoulder height labeling of child restraints to minimize premature graduation. <i>Pediatrics</i> , <b>2010</b> , 126, 490-7  | 7.4 | 1 |
| 29 | Associations between vision impairment and driving and the effectiveness of vision-related interventions: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , <b>2020</b> , 10, e040881  | 3   | 1 |
| 28 | High back booster seats: in the field and in the laboratory. <i>Annual Proceedings</i> , <b>2006</b> , 50, 365-79  |     | 1 |
| 27 | Identifying individual-based injury patterns in multi-trauma road users by using an association rule mining method. <i>Accident Analysis and Prevention</i> , <b>2022</b> , 164, 106479  | 6.1 | 1 |
| 26 | Frontal crash seat belt restraint effectiveness and comfort accessories used by older occupants. <i>Traffic Injury Prevention</i> , <b>2020</b> , 21, 60-65  | 1.8 | 1 |
| 25 | Hospitalised infants due to falls aged less 12 months in New South Wales from 2002 to 2013. <i>Journal of Paediatrics and Child Health</i> , <b>2020</b> , 56, 1885-1890   | 1.3 | 1 |
| 24 | Effectiveness of child restraint legislation to reduce motor vehicle related serious injuries and fatalities: A national interrupted time series analysis. <i>Accident Analysis and Prevention</i> , <b>2020</b> , 142, 105553                           | 6.1 | 1 |

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| 23 | 58 Child car restraint use among aboriginal and torres strait islander children. <i>Injury Prevention</i> , <b>2016</b> , 22, A23.1-A23  | 3.2 | 1 |
| 22 | Comparing consequences of using two different definitions for body regions for the improvement of personal protective equipment for powered two-wheelers. <i>Traffic Injury Prevention</i> , <b>2019</b> , 20, S182-S185           | 1.8 | 1 |
| 21 | Dynamic frontal crash performance of old and used child restraint systems. <i>Traffic Injury Prevention</i> , <b>2021</b> , 22, 570-575  | 1.8 | 1 |
| 20 | Neck Loads During Head-First Entries into Trampoline Dismount Foam Pits: Considerations for Trampoline Park Safety.. <i>Annals of Biomedical Engineering</i> , <b>2022</b> , 50, 691   | 4.7 | 1 |
| 19 | 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.. <i>Traffic Injury Prevention</i> , <b>2022</b> , 1-6                | 1.8 | 0 |
| 18 | User-driven design of child restraint information to reduce errors in use: a pilot randomised controlled trial. <i>Injury Prevention</i> , <b>2020</b> , 26, 432-438   | 3.2 | 0 |
| 17 | Toward a Behavior Theory-Informed and User-Centered Mobile App for Parents to Prevent Infant Falls: Development and Usability Study.. <i>JMIR Pediatrics and Parenting</i> , <b>2021</b> , 4, e29731                               | 4.2 | 0 |
| 16 | Paediatric off-road vehicle injury in rural and regional Australia. <i>Australian Journal of Rural Health</i> , <b>2021</b> , 29, 417-428  | 1.3 | 0 |
| 15 | Head excursion in frontal 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.. <i>Traffic Injury Prevention</i> , <b>2022</b> , 1-6 | 1.8 | 0 |
| 14 | Exploring Infant Fall Events Using Online Parenting Discussion Forums: Infodemiology Study.. <i>JMIR Pediatrics and Parenting</i> , <b>2022</b> , 5, e34413  | 4.2 | 0 |
| 13 | Perils of using speed zone data to assess real-world compliance to speed limits. <i>Traffic Injury Prevention</i> , <b>2017</b> , 18, 845-851  | 1.8 |   |
| 12 | Quality of harness fit for normal and low birthweight infants observed among newborns in infant car seats. <i>Injury Prevention</i> , <b>2017</b> , 23, 81-86  | 3.2 |   |
| 11 | Cross-chest clips in child restraints: A crash testing study. <i>Traffic Injury Prevention</i> , <b>2019</b> , 20, 720-725   | 1.8 |   |
| 10 | 129 The child safety good practice guide: we don't need to reinvent the wheel. <i>Injury Prevention</i> , <b>2016</b> , 22, A48.1-A48  | 3.2 |   |
| 9  | 173 Seat belt fit and use behaviours observed among drivers aged 75+ years in their own vehicles. <i>Injury Prevention</i> , <b>2016</b> , 22, A63.3-A64   | 3.2 |   |
| 8  | Child passenger safety practice in China: attention and action. <i>Injury Prevention</i> , <b>2012</b> , 18, A203.1-A203   | 3.2 |   |
| 7  | Associations between vision impairment and driving and the effectiveness of vision-related interventions: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , <b>2020</b> , 10, e040881                          | 3   |   |
| 6  | Population-Level Incidence and Use-Related Factors of Comfort and Orthopedic Accessories Among Older Vehicle Occupants in NSW, Australia. <i>Journal of Applied Gerontology</i> , <b>2021</b> , 40, 1305-1313                      | 3.3 |   |

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| 5 | 190 Behind the wheel: driving exposure and participation from a randomised controlled trial program for older drivers. <i>Injury Prevention</i> , <b>2016</b> , 22, A69.3-A70  | 3.2 |
| 4 | 180 Falls in children under one year. <i>Injury Prevention</i> , <b>2016</b> , 22, A66.2-A66   | 3.2 |
| 3 | Family day care educators as a source of child car safety information for parents. <i>International Journal of Health Promotion and Education</i> , <b>2016</b> , 54, 24-33  | 0.8 |
| 2 | 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> , <b>2019</b> , 25, 175-179 | 3.2 |
| 1 | Identify the key characteristics of pedestrian collisions through in-depth interviews: a pilot study. <i>International Journal of Injury Control and Safety Promotion</i> , <b>2021</b> , 28, 135-140  | 1.8 |