

# Kristy B Arbogast

## List of Publications by Year in descending order

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Version: 2024-02-01

219  
papers

5,375  
citations

94269

37  
h-index

114278

63  
g-index

226  
all docs

226  
docs citations

226  
times ranked

3301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory assessment of a head impact sensor for youth soccer ball heading impacts using an anthropomorphic test device. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2024, 238, 36-43.	0.4	2
2	Quantifying head impact exposure, mechanisms and kinematics using instrumented mouthguards in female high school lacrosse. Research in Sports Medicine, 2023, 31, 772-786.	0.7	1
3	Assessment of Saccades and Gaze Stability in the Diagnosis of Pediatric Concussion. Clinical Journal of Sport Medicine, 2022, 32, 108-113.	0.9	13
4	Visio-Vestibular Deficits in Healthy Child and Adolescent Athletes. Clinical Journal of Sport Medicine, 2022, 32, 376-384.	0.9	10
5	Pre- and post-season visio-vestibular function in healthy adolescent athletes. Physician and Sportsmedicine, 2022, 50, 522-530.	1.0	3
6	Pediatric Sports-Related Concussion: An Approach to Care. American Journal of Lifestyle Medicine, 2022, 16, 469-484.	0.8	6
7	Head contacts in second-row pediatric occupants when the front-seat is reclined during automated emergency braking. Computer Methods in Biomechanics and Biomedical Engineering, 2022, , 1-12.	0.9	0
8	Analysis of Side Impact Airbag Performance in NASS CDS â...j. International Journal of Automotive Engineering, 2022, 13, 46-53.	0.3	1
9	Relationship between Visually Evoked Effects and Concussion in Youth. Journal of Neurotrauma, 2022, , .	1.7	1
10	086â€...Prefrontal cortical activation of concussed and uninjured adolescents during distraction events in a simulated driving assessment: an exploratory functional near-infrared spectroscopy study. , 2022, , .		0
11	Sport Specialization and Exposure in a Tertiary Concussion Program. Orthopaedic Journal of Sports Medicine, 2022, 10, 2325967121S0053.	0.8	0
12	The Effect of A Home Exercise Program on Visio-Vestibular Function in Concussed Pediatric Patients. Orthopaedic Journal of Sports Medicine, 2022, 10, 2325967121S0045.	0.8	0
13	Pupillary Light Reflex Metrics Differ in Adolescents with Acute Concussion VS. Persistent Post-Concussion Symptoms. Orthopaedic Journal of Sports Medicine, 2022, 10, 2325967121S0048.	0.8	0
14	Interactions between rearward-facing child restraint systems and the front row seatback in frontal impact sled tests. Traffic Injury Prevention, 2022, 23, S99-S104.	0.6	2
15	Influence of concussion history and age of first concussion on visio-vestibular function. Journal of Science and Medicine in Sport, 2022, , .	0.6	0
16	Trajectories of Visual and Vestibular Markers of Youth Concussion. Journal of Neurotrauma, 2022, 39, 1382-1390.	1.7	2
17	Changes in Driving Behaviors After Concussion in Adolescents. Journal of Adolescent Health, 2021, 69, 108-113.	1.2	8
18	Differences in sport-related concussion for female and male athletes in comparable collegiate sports: a study from the NCAA-DoD Concussion Assessment, Research and Education (CARE) Consortium. British Journal of Sports Medicine, 2021, 55, 1387-1394.	3.1	44

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19	Telephone Triage in Pediatric Head Injury: Follow-up Patterns and Subsequent Diagnosis of Concussion. <i>Clinical Nursing Research</i> , 2021, 30, 104-109.	0.7	1
20	An Integrative Review of Return to Driving After Concussion in Adolescents. <i>Journal of School Nursing</i> , 2021, 37, 17-27.	0.9	3
21	Symptoms upon postural change and orthostatic hypotension in adolescents with concussion. <i>Brain Injury</i> , 2021, 35, 226-232.	0.6	15
22	Variations in Head Impact Rates in Male and Female High School Soccer. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1245-1251.	0.2	9
23	Sport- and Gender-Based Differences in Head Impact Exposure and Mechanism in High School Sports. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712098442.	0.8	17
24	NON-HEADER IMPACT EXPOSURE AND KINEMATICS OF MALE YOUTH SOCCER PLAYERS. <i>Biomedical Sciences Instrumentation</i> , 2021, 57, 106-113.	0.1	2
25	Developmental Effects on Pattern Visual Evoked Potentials Characterized by Principal Component Analysis. <i>Translational Vision Science and Technology</i> , 2021, 10, 1.	1.1	3
26	Development of a Low-Power Instrumented Mouthpiece for Directly Measuring Head Acceleration in American Football. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2760-2776.	1.3	8
27	Laboratory Evaluation of Shell Add-On Products for American Football Helmets for Professional Linemen. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2747-2759.	1.3	7
28	Early targeted heart rate aerobic exercise versus placebo stretching for sport-related concussion in adolescents: a randomised controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 792-799.	2.7	77
29	Force-limiting and the mechanical response of natural turfgrass used in the National Football League: A step toward the elimination of differential lower limb injury risk on synthetic turf. <i>Journal of Biomechanics</i> , 2021, 127, 110670.	0.9	7
30	Laboratory Assessment of a Headband-Mounted Sensor for Measurement of Head Impact Rotational Kinematics. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	0.6	7
31	Sports concussions: sex differences in outcome are not a biological given. <i>Nature</i> , 2021, 598, 32-32.	13.7	0
32	Rearward-Facing Infant Child Restraint Systems with Support Legs in Frontal and Frontal-Oblique Impacts. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10799.	1.2	2
33	Comparison of Video-Identified Head Contacts and Sensor-Recorded Events in High School Soccer. <i>Journal of Applied Biomechanics</i> , 2021, , 1-5.	0.3	5
34	The effect of vehicle countermeasures and age on human volunteer kinematics during evasive swerving events. <i>Traffic Injury Prevention</i> , 2020, 21, 48-54.	0.6	15
35	The biomechanics of concussive helmet-to-ground impacts in the National Football league. <i>Journal of Biomechanics</i> , 2020, 99, 109551.	0.9	15
36	Clinical and Device-based Metrics of Gait and Balance in Diagnosing Youth Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 542-548.	0.2	36

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37	Development and Evaluation of a Test Method for Assessing the Performance of American Football Helmets. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2566-2579.	1.3	30
38	Head Impact Sensor Studies In Sports: A Systematic Review Of Exposure Confirmation Methods. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2497-2507.	1.3	41
39	Neurosensory Screening and Symptom Provocation in Pediatric Mild Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2020, 35, 270-278.	1.0	2
40	Characteristics and Outcomes for Delayed Diagnosis of Concussion in Pediatric Patients Presenting to the Emergency Department. <i>Journal of Emergency Medicine</i> , 2020, 59, 795-804.	0.3	23
41	Surface Contact Features, Impact Obliquity, and Preimpact Rotational Motion in Concussive Helmet-to-Ground Impacts: Assessment via a New Impact Test Device. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2639-2651.	1.3	7
42	Pediatric Health Care Provider Perspectives on Injury Prevention Counseling in Acute and Primary Care Settings. <i>Clinical Pediatrics</i> , 2020, 59, 1150-1160.	0.4	3
43	Reliability of the visio-vestibular examination for concussion among providers in a pediatric emergency department. <i>American Journal of Emergency Medicine</i> , 2020, 38, 1847-1853.	0.7	23
44	Laboratory Reconstructions of Concussive Helmet-to-Helmet Impacts in the National Football League. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2652-2666.	1.3	15
45	On-Field Performance of an Instrumented Mouthguard for Detecting Head Impacts in American Football. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2599-2612.	1.3	34
46	Position-Specific Circumstances of Concussions in the NFL: Toward the Development of Position-Specific Helmets. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2542-2554.	1.3	8
47	Comparison of Laboratory and On-Field Performance of American Football Helmets. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2531-2541.	1.3	27
48	Radiologic common data elements rates in pediatric mild traumatic brain injury. <i>Neurology</i> , 2020, 94, e241-e253.	1.5	17
49	Behavior of ATD, PMHS and Human Volunteer in Crash Test â...j. <i>International Journal of Automotive Engineering</i> , 2020, 11, 49-56.	0.3	1
50	Characteristics of Concussion in Elementary School-Aged Children: Implications for Clinical Management. <i>Journal of Pediatrics</i> , 2020, 223, 128-135.	0.9	19
51	Age Differences in Occupant Motion during Simulated In-Vehicle Swerving Maneuvers. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1834.	1.2	2
52	Using Serum Amino Acids to Predict Traumatic Brain Injury: A Systematic Approach to Utilize Multiple Biomarkers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1786.	1.8	12
53	Video Confirmation of Head Impact Sensor Data From High School Soccer Players. <i>American Journal of Sports Medicine</i> , 2020, 48, 1246-1253.	1.9	33
54	Prognosis for Persistent Post Concussion Symptoms using a Multifaceted Objective Gait and Balance Assessment Approach. <i>Gait and Posture</i> , 2020, 79, 53-59.	0.6	15

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55	Fluid Biomarkers of Pediatric Mild Traumatic Brain Injury: A Systematic Review. <i>Journal of Neurotrauma</i> , 2020, 37, 2029-2044.	1.7	25
56	Kinematics of inboard-leaning occupants in frontal impacts. <i>Traffic Injury Prevention</i> , 2020, 21, 272-277.	0.6	6
57	Utility of Pupillary Light Reflex Metrics as a Physiologic Biomarker for Adolescent Sport-Related Concussion. <i>JAMA Ophthalmology</i> , 2020, 138, 1135.	1.4	38
58	Characteristics of Diagnosed Concussions in Children Aged 0 to 4 Years Presenting to a Large Pediatric Healthcare Network. <i>Pediatric Emergency Care</i> , 2020, Publish Ahead of Print, .	0.5	10
59	Evaluation of Rotation Reduction Features in Infant and Extended-Use Convertible Child Restraint Systems during Frontal and Rear Impacts. <i>Stapp Car Crash Journal</i> , 2020, 64, 61-81.	1.1	3
60	Characterization of the motion of booster-seated children during simulated in-vehicle precrash maneuvers. <i>Traffic Injury Prevention</i> , 2019, 20, S75-S80.	0.6	7
61	Fatal side impact crash scenarios for rear seat and seat belt-restrained occupants from vulnerable populations. <i>Traffic Injury Prevention</i> , 2019, 20, S50-S56.	0.6	0
62	Risk of Repeat Concussion Among Patients Diagnosed at a Pediatric Care Network. <i>Journal of Pediatrics</i> , 2019, 210, 13-19.e2.	0.9	17
63	Effect of automated versus manual emergency braking on rear seat adult and pediatric occupant precrash motion. <i>Traffic Injury Prevention</i> , 2019, 20, S106-S111.	0.6	16
64	The common characteristics and behaviors of child occupants in motor vehicle travel. <i>Traffic Injury Prevention</i> , 2019, 20, 713-719.	0.6	5
65	Practice Patterns in Pharmacological and Non-Pharmacological Therapies for Children with Mild Traumatic Brain Injury: A Survey of 15 Canadian and United States Centers. <i>Journal of Neurotrauma</i> , 2019, 36, 2886-2894.	1.7	14
66	Behavior of ATD, PMHS and Human Volunteer in Frontal Crash Test. <i>International Journal of Automotive Engineering</i> , 2019, 10, 348-355.	0.3	2
67	Head and neck size and neck strength predict linear and rotational acceleration during purposeful soccer heading. <i>Sports Biomechanics</i> , 2018, 17, 1-15.	0.8	56
68	The influence of child restraint lower attachment method on protection offered by forward facing child restraint systems in oblique loading conditions. <i>Traffic Injury Prevention</i> , 2018, 19, S139-S145.	0.6	1
69	Variations in Mechanisms of Injury for Children with Concussion. <i>Journal of Pediatrics</i> , 2018, 197, 241-248.e1.	0.9	77
70	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.	0.6	16
71	Vestibular and oculomotor findings in neurologically-normal, non-concussed children. <i>Brain Injury</i> , 2018, 32, 794-799.	0.6	32
72	Rear-facing versus forward-facing child restraints: an updated assessment. <i>Injury Prevention</i> , 2018, 24, 55-59.	1.2	15

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73	Video Analysis of Reported Concussion Events in the National Football League During the 2015-2016 and 2016-2017 Seasons. <i>American Journal of Sports Medicine</i> , 2018, 46, 3502-3510.	1.9	46
74	Neurosensory Deficits Vary as a Function of Point of Care in Pediatric Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1178-1184.	1.7	16
75	Advanced biomarkers of pediatric mild traumatic brain injury: Progress and perils. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 94, 149-165.	2.9	66
76	Higher head accelerations observed in female athletes than in male athletes across age. <i>British Journal of Sports Medicine</i> , 2017, 51, A30.2-A30.	3.1	0
77	Improving Primary Care Provider Practices in Youth Concussion Management. <i>Clinical Pediatrics</i> , 2017, 56, 854-865.	0.4	50
78	Automated recognition of rear seat occupants' head position using Kinect, a 3D point cloud. <i>Journal of Safety Research</i> , 2017, 63, 135-143.	1.7	8
79	Head and neck size and neck strength minimise the head acceleration during repeated head impacts. <i>British Journal of Sports Medicine</i> , 2017, 51, A66.1-A66.	3.1	1
80	Caregivers' Use of Child Passenger Safety Resources and Quality of Future Child Restraint System Installations. <i>Safety</i> , 2017, 3, 24.	0.9	2
81	Novel use of electronic health records to advance research and management of paediatric concussions. <i>Injury Prevention</i> , 2016, 22, A245.1-A245.	1.2	1
82	Centre for child injury prevention studies: case study of national science foundation cooperative research funding. <i>Injury Prevention</i> , 2016, 22, A367.2-A367.	1.2	0
83	After-Hours Call Center Triage of Pediatric Head Injury. <i>Pediatric Emergency Care</i> , 2016, 32, 149-153.	0.5	3
84	Protection of children in forward-facing child restraint systems during oblique side impact sled tests: Intrusion and tether effects. <i>Traffic Injury Prevention</i> , 2016, 17, 156-162.	0.6	6
85	Naturalistic driving study of rear seat child occupants: Quantification of head position using a Kinect sensor. <i>Traffic Injury Prevention</i> , 2016, 17, 168-174.	0.6	23
86	In Reply. <i>Academic Emergency Medicine</i> , 2016, 23, 109-109.	0.8	0
87	Point of Health Care Entry for Youth With Concussion Within a Large Pediatric Care Network. <i>JAMA Pediatrics</i> , 2016, 170, e160294.	3.3	224
88	Modeling spatial trajectories in dynamics testing using basis splines: application to tracking human volunteers in low-speed frontal impacts. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 1046-1052.	0.9	1
89	Emergency Department Visits and Head Computed Tomography Utilization for Concussion Patients From 2006 to 2011. <i>Academic Emergency Medicine</i> , 2015, 22, 872-877.	0.8	66
90	Evaluating the Effect of a Mechanical Adjunct to Improve the Installation of Child Restraint Systems to Vehicles. <i>Traffic Injury Prevention</i> , 2015, 16, S24-S31.	0.6	4

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91	The Influence of Enhanced Side Impact Protection on Kinematics and Injury Measures of Far- or Center-Seated Children in Forward-Facing Child Restraints. <i>Traffic Injury Prevention</i> , 2015, 16, S9-S15.	0.6	6
92	Accounting for sampling variability, injury under-reporting, and sensor error in concussion injury risk curves. <i>Journal of Biomechanics</i> , 2015, 48, 3059-3065.	0.9	18
93	Measurement of Hybrid III Head Impact Kinematics Using an Accelerometer and Gyroscope System in Ice Hockey Helmets. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1896-1906.	1.3	45
94	Extending the value of police crash reports for traffic safety research: collecting supplemental data via surveys of drivers. <i>Injury Prevention</i> , 2015, 21, e36-e42.	1.2	1
95	Oculomotor and Neurocognitive Assessment of Youth Ice Hockey Players: Baseline Associations and Observations After Concussion. <i>Developmental Neuropsychology</i> , 2015, 40, 7-11.	1.0	35
96	Rear seat safety: Variation in protection by occupant, crash and vehicle characteristics. <i>Accident Analysis and Prevention</i> , 2015, 80, 185-192.	3.0	49
97	<i>Pediatric Biomechanics</i> . , 2015, , 643-696.		1
98	Evaluation of Pediatric ATD Biofidelity as Compared to Child Volunteers in Low-Speed Far-Side Oblique and Lateral Impacts. <i>Traffic Injury Prevention</i> , 2014, 15, S206-S214.	0.6	9
99	Pediatric Occupant Vehicle Contact Maps in Rollover Motor Vehicle Crashes. <i>Traffic Injury Prevention</i> , 2014, 15, S35-S41.	0.6	3
100	A national, cross-sectional survey of children's hospital-based safety resource centres. <i>BMJ Open</i> , 2014, 4, e004398.	0.8	2
101	Characteristics of Prolonged Concussion Recovery in a Pediatric Subspecialty Referral Population. <i>Journal of Pediatrics</i> , 2014, 165, 1207-1215.	0.9	191
102	Motor Vehicle Crash-Related Injury Causation Scenarios for Spinal Injuries in Restrained Children and Adolescents. <i>Traffic Injury Prevention</i> , 2014, 15, S49-S55.	0.6	9
103	Comparative Performance of Forward-Facing Child Restraint Systems on the C/FMVSS 213 Bench and Vehicle Seats. <i>Traffic Injury Prevention</i> , 2014, 15, S103-S110.	0.6	3
104	Validation of a Helmet-Based System to Measure Head Impact Biomechanics in Ice Hockey. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 115-123.	0.2	73
105	The knockout game: recreational assault and traumatic brain injury. <i>Lancet</i> , The, 2014, 383, 513-514.	6.3	3
106	Pediatric Head and Neck Dynamics in Frontal Impact: Analysis of Important Mechanical Factors and Proposed Neck Performance Corridors for 6- and 10-Year-Old ATDs. <i>Traffic Injury Prevention</i> , 2014, 15, 386-394.	0.6	11
107	Caregivers' confidence in performing child safety seat installations: what matters most?. <i>Injury Prevention</i> , 2014, 20, 167-171.	1.2	10
108	Response. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 642.	0.2	1

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109	Evaluation of the Hybrid III and Q-Series Pediatric ATD Upper Neck Loads as Compared to Pediatric Volunteers in Low-Speed Frontal Crashes. <i>Annals of Biomedical Engineering</i> , 2013, 41, 2381-2390.	1.3	6
110	Electromyography responses of pediatric and young adult volunteers in low-speed frontal impacts. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 1206-1214.	0.7	10
111	American Heart Association cardiopulmonary resuscitation quality targets are associated with improved arterial blood pressure during pediatric cardiac arrest. <i>Resuscitation</i> , 2013, 84, 168-172.	1.3	57
112	Epidemiology of Child Motor Vehicle Crash Injuries and Fatalities. , 2013, , 33-86.		8
113	Forensic analysis of crib mattress properties on pediatric CPR qualityâ€”Can we balance pressure reduction with CPR effectiveness?. <i>Resuscitation</i> , 2013, 84, 1131-1136.	1.3	6
114	Importance of Muscle Activations for Biofidelic Pediatric Neck Response in Computational Models. <i>Traffic Injury Prevention</i> , 2013, 14, S116-S127.	0.6	26
115	Cognitive Rest and School-Based Recommendations Following Pediatric Concussion. <i>Clinical Pediatrics</i> , 2013, 52, 397-402.	0.4	74
116	Use of kinectâ„¢ for naturalistic observation of occupants in vehicles. <i>Annals of Advances in Automotive Medicine</i> , 2013, 57, 343-4.	0.6	2
117	Comparative Performance of Rear Facing Child Restraint Systems on the CMVSS 213 Bench and Vehicle Seats. <i>Annals of Advances in Automotive Medicine</i> , 2013, 57, 311-28.	0.6	0
118	Injury risk for rear-seated occupants in small overlap crashes. <i>Annals of Advances in Automotive Medicine</i> , 2013, 57, 267-80.	0.6	0
119	Occupant kinematics and shoulder belt retention in far-side lateral and oblique collisions: a parametric study. <i>Stapp Car Crash Journal</i> , 2013, 57, 343-85.	1.1	17
120	Head Impact Contact Points for Restrained Child Occupants. <i>Traffic Injury Prevention</i> , 2012, 13, 172-181.	0.6	26
121	A Methodology to Estimate the Kinematics of Pediatric Occupants in Frontal Impacts. <i>Traffic Injury Prevention</i> , 2012, 13, 393-401.	0.6	2
122	Pediatric Providersâ€™ Self-Reported Knowledge, Practices, and Attitudes About Concussion. <i>Pediatrics</i> , 2012, 130, 1120-1125.	1.0	118
123	Comparison of relative and actual chest compression depths during cardiac arrest in children, adolescents, and young adults. <i>Resuscitation</i> , 2012, 83, 320-326.	1.3	16
124	Kinetics of the cervical spine in pediatric and adult volunteers during low speed frontal impacts. <i>Journal of Biomechanics</i> , 2012, 45, 99-106.	0.9	20
125	Passive cervical spine flexion: The effect of age and gender. <i>Clinical Biomechanics</i> , 2012, 27, 326-333.	0.5	35
126	Differences in thoracic injury causation patterns between seat belt restrained children and adults. <i>Annals of Advances in Automotive Medicine</i> , 2012, 56, 213-21.	0.6	4



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127	Kinematic Comparison of the Hybrid III and Q-Series Pediatric ATDs to Pediatric Volunteers in Low-Speed Frontal Crashes. <i>Annals of Advances in Automotive Medicine</i> , 2012, 56, 285-98.	0.6	1
128	The effect of pretensioning and age on torso rollout in restrained human volunteers in far-side lateral and oblique loading. <i>Stapp Car Crash Journal</i> , 2012, 56, 443-67.	1.1	10
129	Head Injury Causation Scenarios for Belted, Rear-Seated Children in Frontal Impacts. <i>Traffic Injury Prevention</i> , 2011, 12, 62-70.	0.6	42
130	BioTabâ€™A New Method for Analyzing and Documenting Injury Causation in Motor-Vehicle Crashes. <i>Traffic Injury Prevention</i> , 2011, 12, 256-265.	0.6	26
131	Characteristics of crashes involving injured children in side impacts. <i>International Journal of Crashworthiness</i> , 2011, 16, 365-373.	1.1	6
132	Kinematics and shoulder belt position of child rear seat passengers during vehicle maneuvers. <i>Annals of Advances in Automotive Medicine</i> , 2011, 55, 15-26.	0.6	6
133	Assessment of a three-point restraint system with a pre-tensioned lap belt and an inflatable, force-limited shoulder belt. <i>Stapp Car Crash Journal</i> , 2011, 55, 141-59.	1.1	7
134	Protection of Children Restrained in Child Safety Seats in Side Impact Crashes. <i>Journal of Trauma</i> , 2010, 69, 913-923.	2.3	19
135	Factors Associated With Clinically Significant Head Injury in Children Involved in Motor Vehicle Crashes. <i>Traffic Injury Prevention</i> , 2010, 11, 600-605.	0.6	12
136	Incorporation of CPR Data into ATD Chest Impact Response Requirements. <i>Annals of Advances in Automotive Medicine</i> , 2010, 54, 79-88.	0.6	7
137	Kinematic Comparison of Pediatric Human Volunteers and the Hybrid III 6-Year-Old Anthropomorphic Test Device. <i>Annals of Advances in Automotive Medicine</i> , 2010, 54, 97-108.	0.6	9
138	Analysis of spinal motion and loads during frontal impacts. Comparison between PMHS and ATD. <i>Annals of Advances in Automotive Medicine</i> , 2010, 54, 61-78.	0.6	14
139	Making the Most of the Worst-Case Scenario: Should Belt-Positioning Booster Seats Be Used in Lap-Belt-Only Seating Positions?. <i>Traffic Injury Prevention</i> , 2009, 10, 580-583.	0.6	4
140	Front versus Rear Seat Injury Risk for Child Passengers: Evaluation of Newer Model Year Vehicles. <i>Traffic Injury Prevention</i> , 2009, 10, 297-301.	0.6	22
141	Quantitative Analysis of CPR Quality During In-Hospital Resuscitation of Older Children and Adolescents. <i>Pediatrics</i> , 2009, 124, 494-499.	1.0	157
142	Effectiveness of Belt Positioning Booster Seats: An Updated Assessment. <i>Pediatrics</i> , 2009, 124, 1281-1286.	1.0	141
143	Non-fatal and fatal crash injury risk for children in minivans compared with children in sport utility vehicles. <i>Injury Prevention</i> , 2009, 15, 8-12.	1.2	4
144	Effect of mattress deflection on CPR quality assessment for older children and adolescents. <i>Resuscitation</i> , 2009, 80, 540-545.	1.3	92

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145	Leaning is common during in-hospital pediatric CPR, and decreased with automated corrective feedback. <i>Resuscitation</i> , 2009, 80, 553-557.	1.3	88
146	“Rolling Refreshers” A novel approach to maintain CPR psychomotor skill competence. <i>Resuscitation</i> , 2009, 80, 909-912.	1.3	257
147	Pediatric CPR quality monitoring: Analysis of thoracic anthropometric data. <i>Resuscitation</i> , 2009, 80, 1137-1141.	1.3	22
148	Expert clinical assessment of thorax stiffness of infants and children during chest compressions. <i>Resuscitation</i> , 2009, 80, 1187-1191.	1.3	6
149	Quantitative analysis of chest compression interruptions during in-hospital resuscitation of older children and adolescents. <i>Resuscitation</i> , 2009, 80, 1259-1263.	1.3	80
150	Pediatric Abdominal Injury Patterns Generated by Lap Belt Loading. <i>Journal of Trauma</i> , 2009, 67, 1278-1283.	2.3	11
151	Passenger Compartment Intrusion as a Predictor of Significant Injury for Children in Motor Vehicle Crashes. <i>Journal of Trauma</i> , 2009, 66, 504-507.	2.3	13
152	Abdominal injuries in belt-positioning booster seats. <i>Annals of Advances in Automotive Medicine</i> , 2009, 53, 209-19.	0.6	1
153	Comparison of kinematic responses of the head and spine for children and adults in low-speed frontal sled tests. <i>Stapp Car Crash Journal</i> , 2009, 53, 329-72.	1.1	56
154	Seating Patterns and Corresponding Risk of Injury Among 0- to 3-Year-Old Children in Child Safety Seats. <i>Pediatrics</i> , 2008, 121, e1342-e1347.	1.0	33
155	Body mass index and injury risk among US children 9-15 years old in motor vehicle crashes. <i>Injury Prevention</i> , 2008, 14, 366-371.	1.2	44
156	Methods for determining pediatric thoracic force-deflection characteristics from cardiopulmonary resuscitation. <i>Stapp Car Crash Journal</i> , 2008, 52, 83-105.	1.1	44
157	Biomechanical response of the pediatric abdomen, Part 2: injuries and their correlation with engineering parameters. <i>Stapp Car Crash Journal</i> , 2008, 52, 135-66.	1.1	22
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