

Dietmar Otte

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,551
citations

331670

21
h-index

345221

36
g-index

78
all docs

78
docs citations

78
times ranked

1281
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of head injuries by reconstructions of real-world vehicle-versus-adult-pedestrian accidents. <i>Safety Science</i> , 2008, 46, 1103-1114.	4.9	116
2	Injury protection and accident causation parameters for vulnerable road users based on German In-Depth Accident Study GIDAS. <i>Accident Analysis and Prevention</i> , 2012, 44, 149-153.	5.7	107
3	A study of pedestrian and bicyclist exposure to head injury in passenger car collisions based on accident data and simulations. <i>Safety Science</i> , 2012, 50, 1749-1759.	4.9	107
4	Head Injury Mechanisms in Helmet-Protected Motorcyclists: Prospective Multicenter Study. <i>Journal of Trauma</i> , 2001, 51, 949-958.	2.3	81
5	Sternal Fractures Occur Most Often in Old Cars to Seat-Belted Drivers Without Any Airbag Often With Concomitant Spinal Injuries: Clinical Findings and Technical Collision Variables Among 42,055 Crash Victims. <i>Annals of Thoracic Surgery</i> , 2006, 82, 444-450.	1.3	66
6	Alcohol intoxication in road traffic accidents leads to higher impact speed difference, higher ISS and MAIS, and higher preclinical mortality. <i>Alcohol</i> , 2012, 46, 681-686.	1.7	63
7	Foot Fractures in Restrained Front Seat Car Occupants: A Long-term Study Over Twenty-three Years. <i>Journal of Orthopaedic Trauma</i> , 2001, 15, 287-293.	1.4	59
8	Correlation between Crash Severity, Injury Severity, and Clinical Course in Car Occupants with Thoracic Trauma: A Technical and Medical Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 51, 10-16.	2.4	55
9	Alcohol consumption, helmet use and head trauma in cycling collisions in Germany. <i>Accident Analysis and Prevention</i> , 2014, 65, 97-104.	5.7	46
10	Improvements in passive car safety led to decreased injury severity – a comparison between the 1970s and 1990s. <i>Injury</i> , 2005, 36, 484-488.	1.7	43
11	The influence of passenger car front shape on pedestrian injury risk observed from German in-depth accident data. <i>Accident Analysis and Prevention</i> , 2017, 101, 11-21.	5.7	42
12	Head Injuries in Child Pedestrian Accidents – In-Depth Case Analysis and Reconstructions. <i>Traffic Injury Prevention</i> , 2007, 8, 94-100.	1.4	41
13	The Current Status of Road User Injuries Among the Elderly in Germany: A Medical and Technical Accident Analysis. <i>Journal of Trauma</i> , 2005, 58, 591-595.	2.3	40
14	Psychological distress and physical disability in patients sustaining severe injuries in road traffic crashes: Results from a one-year cohort study from three European countries. <i>Injury</i> , 2017, 48, 297-306.	1.7	34
15	Upper Extremity Fractures in Restrained Front-Seat Occupants. <i>Journal of Trauma</i> , 2000, 48, 907-912.	2.3	32
16	The Current Injury Situation of Bicyclists – A Medical and Technical Crash Analysis. <i>Journal of Trauma</i> , 2007, 62, 1118-1122.	2.3	32
17	A Study of Adult Pedestrian Head Impact Conditions and Injury Risks in Passenger Car Collisions Based on Real-World Accident Data. <i>Traffic Injury Prevention</i> , 2013, 14, 639-646.	1.4	31
18	Have pedestrian subsystem tests improved passenger car front shape?. <i>Accident Analysis and Prevention</i> , 2018, 115, 143-150.	5.7	30

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19	Detailed assessment of pedestrian ground contact injuries observed from in-depth accident data. <i>Accident Analysis and Prevention</i> , 2018, 110, 9-17.	5.7	29
20	A study on correlation of pedestrian head injuries with physical parameters using in-depth traffic accident data and mathematical models. <i>Accident Analysis and Prevention</i> , 2018, 119, 91-103.	5.7	25
21	Injury severity of pedestrians, bicyclists and motorcyclists resulting from crashes with reversing cars. <i>Accident Analysis and Prevention</i> , 2016, 94, 46-51.	5.7	20
22	Development of head injury risk functions based on real-world accident reconstruction. <i>International Journal of Crashworthiness</i> , 2014, 19, 105-114.	1.9	19
23	Vertebral fractures in motor vehicle accidents—a medical and technical analysis of 33,015 injured front-seat occupants. <i>Accident Analysis and Prevention</i> , 2014, 66, 15-19.	5.7	18
24	Characteristics of pedestrian head injuries observed from real world collision data. <i>Accident Analysis and Prevention</i> , 2019, 129, 362-366.	5.7	18
25	Physical, psychological and economic burden of two-wheel users after a road traffic injury: Evidence from intensive care units of three EU countries. <i>Journal of Safety Research</i> , 2018, 67, 155-163.	3.6	16
26	Psychosocial factors associated with helmet use by adult cyclists. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2019, 65, 376-388.	3.7	16
27	Effectiveness of Bicycle Safety Helmets in Preventing Facial Injuries in Road Accidents. <i>Archives of Trauma Research</i> , 2016, 5, e30011.	0.9	16
28	Comparison and Realism of Crash Simulation Tests and Real Accident Situations for the Biomechanical Movements in Car Collisions. , 0, , .		15
29	Effects of passenger car front profile and human factors on pedestrian lower extremity injury risk using German in-depth accident data. <i>International Journal of Crashworthiness</i> , 2019, 24, 163-170.	1.9	14
30	Hospitalization costs and estimates of direct and indirect economic losses due to injury sustained in road traffic crashes: Results from a one-year cohort study in three European countries (The Tj ETQq0 0 0 rgBT /Ovalock 10 Tf50 297 T		
31	Injury patterns of seniors in traffic accidents: A technical and medical analysis. <i>World Journal of Orthopedics</i> , 2012, 3, 151.	1.8	13
32	Vehicle Parts Causing Injuries to Front-Seat Car Passengers in Lateral Impact. , 0, , .		12
33	Technical Demands on Safety in the Design of Crash Helmets for Biomechanical Analysis of Real Accident Situations. , 0, , .		12
34	Bicyclist—Bicyclist Crashes—A Medical and Technical Crash Analysis. <i>Traffic Injury Prevention</i> , 2013, 14, 56-60.	1.4	12
35	The development of a European fatal accident database. <i>International Journal of Crashworthiness</i> , 2010, 15, 201-209.	1.9	11
36	A Review of Different Kinematic Forms in Two-Wheel- Accidents-Their Influence on Effectiveness of Protective Measures. , 1980, , .		10

#	ARTICLE	IF	CITATIONS
37	The Accident Research Unit Hannover as Example for Importance and Benefit of Existing In Depth Investigations. , 0, , .		10
38	Incidence of Posttraumatic Stress Disorder after Traffic Accidents in Germany. International Journal of Emergency Mental Health, 2014, 16, 233-6.	0.3	9
39	Comparison of Sled Tests with Real Traffic Accidents. , 1995, , .		8
40	Knee Injuries in Restrained Car Drivers in German Road Traffic Accidents. Journal of Trauma, 2008, 65, 136-141.	2.3	8
41	Effectiveness of the helmet for bicyclists on injury reduction in German road accident situations â€œ state of affairs on GIDAS. International Journal of Crashworthiness, 2010, 15, 211-221.	1.9	8
42	Analysis of Fuel Cell Vehicles Equipped with Compressed Hydrogen Storage Systems from a Road Accident Safety Perspective. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 4, 332-342.	0.4	8
43	A Study on Motor-Scooter Accidents in China and Germany. , 2013, , .		7
44	Accident typology comparisons between pedelecs and conventional bicycles. Journal of Transportation Safety and Security, 2020, 12, 116-135.	1.6	7
45	Abiding by the law when it does not exist: The case of the helmet bicycle law. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 72, 23-31.	3.7	7
46	The Effect of Pre-Impact Braking on the Performance of Child Restraint Systems in Real Life Accidents and Under Varying Test Conditions. , 0, , .		6
47	Influences on the Risk of Injury of Bicyclists' Heads and Benefits of Bicycle Helmets in Terms of Injury Avoidance and Reduction of Injury Severity. SAE International Journal of Transportation Safety, 0, 2, 257-267.	0.4	5
48	Road accidents involving bicycles: configurations and injuries. International Journal of Injury Control and Safety Promotion, 2017, 24, 534-543.	2.0	5
49	Characteristics of Pole Impacts to Side of Passenger Cars in European Traffic Accidents and Assessment of Injury Mechanisms - Analysis of German and UK In-Depth Data. , 0, , .		5
50	Biomechanics of Lower Limb Injuries of Belted Car Drivers and the Influence of Intrusion and Accident Severity. , 1996, , .		4
51	Accident Characteristics and Influence Parameters of Severe Motorcycle Accidents in Germany. , 0, , .		4
52	Serious injuries in the traffic accident situation: definition, importance and orientation for countermeasures based on a representative sample of in-depth-accident-cases in Germany. International Journal of Crashworthiness, 2018, 23, 18-31.	1.9	4
53	Mechanisms of cervical spine fractures and soft tissue injuries of motorcyclists for the assessment of the effectiveness of back protectors. International Journal of Crashworthiness, 1998, 3, 325-334.	1.9	3
54	Benefit of in depth data for analysing injury mechanisms of accidents with bicyclists and motorcyclists. International Journal of Crashworthiness, 1998, 3, 53-64.	1.9	3

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55	A Comparison Study on Head Injury Risk in Car-to-Pedestrian Collisions in Changsha and Hannover. , 2010, , .		3
56	Thoracic injuries sustained by severely injured front-seat passengers and drivers: injury patterns and their relationship to crash characteristics. International Journal of Injury Control and Safety Promotion, 2013, 20, 313-320.	2.0	3
57	Wrap Around Distance WAD of Pedestrian and Bicyclists and Relevance as Influence Parameter for Head Injuries. , 0, , .		3
58	Mechanisms of motor vehicle crashes related to burnsâ€”An analysis of the German In Depth Accident Study (GIDAS) database. Burns, 2013, 39, 1535-1540.	1.9	2
59	Editorial for special issue â€” â€”Improving cyclist safety through scientific researchâ€”™. Accident Analysis and Prevention, 2017, 105, 1-3.	5.7	2
60	Road Traffic Related Injury Severity in Truck Drivers: A Prospective Medical and Technical Analysis of 582 Truck Crashes. Archives of Trauma Research, 2016, In press, e31380.	0.9	2
61	Characteristics of pole impacts to side of passenger cars in European traffic accidents and assessment of injury mechanisms–analysis of German and UK in-depth data. Stapp Car Crash Journal, 2008, 52, 349-62.	1.1	2
62	Effectiveness of Side-Airbags for Front Struckside Belted Car Occupants in Lateral Impact Conditions - An In-Depth-Analysis by GIDAS. , 2007, , .		1
63	Injury Rates for Older and Younger Belted Drivers in Traffic Accidents. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 5, 506-516.	0.4	1
64	The New Approach of In-Depth-Accident-Investigation based on the Methodology for Traffic Accident Database on Scenarios TADS. , 2016, , .		1
65	The Effects of Vehicle Front Design Variables and Impact Speed on Lower Extremity Injury in Pedestrian Collisions Using In-Depth Accident Data. , 2016, , .		1
66	Estimation of Injury Risk of the Cervical Spine ofÂCar Occupants after Emergency Braking. , 2018, , .		1
67	Change in Injury Situation for Belted Front-Seat Car Passengers in the Course of Development in Vehicle Construction. , 0, , .		0
68	Vehicle Crash Investigation. , 1998, , 45-64.		0
69	Residual Injury Situation and Accident Characteristics of Severe Motorcycle Accidents. , 0, , .		0