

## Index

Title	First Name	Family Name	Affiliation(s)	Country
Bicyclists' adaptation strategies when conducting self-paced vs. system-paced smartphone tasks in real traffic	Christer	Ahlström	Swedish National Road and Transport Research Institute (VTI)	Sweden
Fatal cycling accidents in the Czech Republic: factors and causes of death	Michal	Bíl	CDV Transport Research Centre	Czech Republic
Typology of bicycle crashes based on a survey of injured cyclists from a road trauma registry does behavior impact the configuration of crashes?	Alice	Billot-Grasset	IFSTTAR – TS2 – UMRESTTE	France
The Zebra Crossing Game – a game theoretic model to explain counter-rule interaction between cars and cyclists	Torkel	Bjørnskau	TØI Institute of Transport Economics	Norway
Circumstances of on-road single-vehicle cyclist crashes in the Australian Capital Territory	Soufiane	Boufous	Transport and Road Safety (TARS) Research, University of New South Wales.	Australia
Using Smartphones to Collect Naturalistic Cycling Data and Automatically Detect Cycling Accidents	Stefan	Candefjord	Chalmers University of Technology	Sweden
Bikeability- Cycling for the 21st Century in Britain	Daniel	Carlin	Department for Transport	England
Costs for society related to major bicycle accidents in Flanders (Belgium)	Bas	de Geus	Vrije Universiteit Brussel	Belgium
Exploring the mechanisms behind the Safety in Numbers Effect: A behavioural analysis of interactions between cyclists and car drivers in Norway and Denmark	Maartje	De Goede	TNO	The Netherlands
Cycling under the influence of alcohol	Dick	de Waard	University of Groningen	The Netherlands
Risk factors for bicycle-motor vehicle collisions in Portugal	Joao	Dias	LAETA, IDMEC, Instituto Superior Técnico, Universidade de Lisboa, Portugal	Portugal
Do cyclists on e-bikes behave differently than cyclists on traditional bicycles?	Marco	Dozza	Chalmers University of Technology	Sweden
To bike or not to bike? Physical strength and short term memory influence cycling kinematics	Rosemary	Dubbeldam	Rosemary Dubbeldam, Roessingh Research & Development	The Netherlands
The different ways to get on and off a bicycle for young and old	Rosemary	Dubbeldam	Rosemary Dubbeldam, Roessingh Research & Development	The Netherlands
Safety-in-numbers: a systematic review and meta-analysis of evidence	Rune	Elvik	Institute of Transport Economics	Norway
Supporting elderly cyclist with rear-view assistance	Carola	Engbers	Roessingh Research & Development	The Netherlands
Factors associated to cycling accidents in the elderly population	Carola	Engbers	Roessingh Research & Development	The Netherlands
Importance of the Bicycle Helmet Design and Material for the Outcome in Bicycle Accidents	Madelen	Fahlstedt	Neuronic Engineering, Royal Institute of Technology	Sweden
Global bike share: What the data tells us about safety	Elliot	Fishman	Utrecht University	Netherlands
Pre-crash motion and conditions of bicyclist-to-car crashes in Sweden	Rikard	Fredriksson	Autoliv Research	Sweden
Method to Evaluate the Effectiveness of an Active Safety System for Cyclist Protection	Alexandra	Fries	AUDI AG	Germany
Safety in Numbers - combining a panel design and cross-cultural survey to examine the suggested mechanisms	Aslak	Fyhri	Institute of Transport Economics	Norway

	Index			
Influencing factors on safety-enhancing interaction processes between bicyclists and car drivers	Elisabeth	Füssl	Factum Chaloupka & Risser OG	Austria
The German Pedelec Naturalistic Cycling Study – Overview of Results	Tina	Gehlert	German Insurers Accident Research (UDV)	Germany
Protecting or harming oneself: Options of older cyclists to cycle safely	Carmen	Hagemeister	TU Dresden	Germany
Analysis of Cyclist Kinematics in Car Impacts considering different Vehicle Fronts, Collision Speeds, Body Heights and Impact Constellations	Michael	Hamacher	fka - Forschungsgesellschaft Kraftfahrwesen mbH Aachen	Germany
A naturalistic study of child and adult bicycling behaviors and risk exposure	Cara	Hamann	University of Iowa	USA
Determinants and outcomes of cyclists' choice of lane position	Julie	Hatfield	Transport and Road Safety (TARS) Research, University of NSW	Australia
Developing an international survey of bicycle and helmet usage	Narelle	Haworth	Centre for Accident Research and Road Safety-Queensland	Australia
Roundabout design and cycling safety	Narelle	Haworth	Centre for Accident Research and Road Safety-Queensland	Australia
Determining and Strengthening the Visual Cues for Predicting Cyclist Intent in Traffic	Paul	Hemeren	University of Skövde	Sweden
Rule-knowledge among German cyclists	Anja Katharina	Huemer	Technische Universität Braunschweig	Germany
Detailed Description of Bicycle and Passenger Car Collisions Based on Insurance Claims	Irene	Isaksson-Hellman	If Insurance Company P&C Ltd	Sweden
Electric bikes in Australia: safety gains and some new concerns	Marilyn	Johnson	Monash University	Australia
A metre matters: combining health promotion frameworks to create population level behaviour change and improve cyclist safety in Australia	Marilyn	Johnson	Amy Gillett Foundation, Monash University	Australia
Factors contributing to pedelec crashes in the Netherlands	Natália	Kováčsová	Delft University of Technology / Faculty 3mE	The Netherlands
Better Bicycle Helmets for Commuters – Evaluation of Ventilation	Kalev	Kuklane	Lund University, Faculty of Engineering, Dept. of Design Sciences, Division of Ergonomics and Aerosol Technology	Sweden
Motor vehicles overtaking cyclists on two-lane rural roads: analysis on relative speed and lateral clearance	Carlos	Llorca	UNIVERSITAT POLITÈCNICA DE VALENCIA	Spain
Traffic conflict analysis using an instrumented bicycle on cycle tracks of Valencia	Carlos	Llorca	UNIVERSITAT POLITÈCNICA DE VALENCIA	Spain
Using Instrumented Probe Bicycles to Develop Bicycle Safety and Comfort Prediction Models	Gordon	Lovegrove	University of British Columbia	Canada
A Global Review of Current Instrumented Probe Bicycle Technology and Research	Gordon	Lovegrove	University of British Columbia	Canada
Modelling of Cyclist Acceleration Behavior Using Naturalistic Data	Xiaoliang	Ma	Division of Traffic and Logistics, KTH Royal Institute of Technology	Sweden
A new thermal head manikin for the development of helmet designs with increased thermal comfort	Natividad	Martinez	Empa, Swiss Federal Institute for Materials Science and Technology	Switzerland
Real urban bicycle braking performance measured	Christopher	Morris	Pedal Depot bike coop, Vancouver	Canada
Bike-Sharing: Is Safety an Issue Adversely Affecting its Potential for Being Embraced by Urban Societies?	Alexandros	Nikitas	Chalmers University of Technology	Sweden

## Index

Cyclists' use of Mobile IT in Sweden – usage and self-reported behavioural compensation	Annika	Nilsson	Trivector Traffic	Sweden
On the usage of portable devices: a qualitative study of cyclist behavior	Maria	Nilsson	Viktoria Swedish ICT	Sweden
Skid Resistance - Important for Cycling Safety	Anna	Niska	Swedish National Road and Transport Research Institute	Sweden
Pedelecs a new way of mobility in the everyday life of women	Manuel	Oberlader	Factum OG Traffic and Social Analysis	Austria
What Makes German Cyclists Angry on the Bike?	Michael	Oehl	Leuphana University of Lüneburg	Germany
The Combined Effect of Speed Reduction, Vehicle Frontal Design, Autonomous Emergency Braking and Helmet Use in Reducing Real Life Bicycle Injuries	Maria	Ohlin	Chalmers University of Technology	Sweden
Helmet use and injuries in children's bicycle crashes in the Gothenburg region	Eva	Olofsson	Dept. of Orthopaedics, Institute of Clinical Sciences, Sahlgrenska Academy, University of Gothenburg, Skaraborgs Hospital Skövde	Sweden
Overview of main accident scenarios in car-to-cyclist accidents for use in AEB-system test protocol	Olaf	op den Camp	TNO	The Netherlands
Cycling collisions in Germany. Alcohol use, helmet use and head injuries	Chiara	Orsi	Centre of Study and Research on Road Safety, Section of Biostatistics and Clinical Epidemiology, University of Pavia	Italy
Why Cycling Vanished in the City of Erbil Kurdistan, A Comprehensive Evaluation of Cycling in Erbil	Sarbaz	Othman	UKH, Chancellor Office, Senior Research Fellow	Iraq
Development and Testing of an Integrated, Versatile Bicycle-Based Data Acquisition System	Justin	Owens	VTTI	USA
Prevalence, patterns and reported preferences in helmet use among bicyclists in the region of Crete	Maria	Papadakaki	Lab of Health & Road Safety TEI of Crete	Greece
Drivers' gap acceptance in front of approaching bicycles – Effects of bicycle speed and bicycle type	Tibor	Petzoldt	TU Chemnitz	Germany
The Dutch road to a high level of cycling safety	Paul	Schepers	Ministry of Infrastructure and the Environment	Netherlands
The German Naturalistic Cycling Study- Comparing cycling speed of riders of different e-bikes and conventional bicycles	Katja	Schleinitz	Technische Universität Chemnitz	Germany
Effect of crosswind on bicycle with or without rider control	Nikhil	Sharma	Delft University of Technology	The Netherlands
Improving Cyclists' Visibility with a Novel Lighting System	David	Shinar	Ben Gurion University of the Negev	Israel
Analysis of vehicle-bicycle interaction at unsignalized crossings: a probabilistic approach and application	Ary P.	Silvano	Traffic and Logistics, Department of Transport Science, Royal Institute of Technology - KTH	Sverige
Cyclists and traffic sounds: the results of an internet survey	Agnieszka	Stelling-Konczak	SWOV Institute for Road Safety Research	The Netherlands
Shoulder Injuries in Single Bicycle Accidents	Helena	Stigson	Folksam Research	Sweden
Bicycle- and Bicycle helmet use by cyclists in Athens	Georgia	Tzamalouka	Lab of Health & Road Safety (LaHeRS), Technological Educational Institute (TEI) of Crete	Greece
The Other 99%	Robert	van der Plas	Cycle Publishing	United States
Preliminary results of a retrospective and prospective study of bicycle accidents in adolescents	Jef	Vanparijs	Faculty of Physical education and Physiotherapy, Dept Human Physiology, Vrije Universiteit Brussel	Belgium

Index				
The risk of bunch riding among sport cyclists on public road infrastructure	Gert Jan	Wijlhuizen	SWOV	The Netherlands
Towards advanced bicycle helmet test method	Remy	Willinger	University Strasbourg	France
Developments of shared walking-cycling infrastructure in Singapore	Yiik Diew	Wong	Nanyang Technological University	Singapore