

# Daisuke Ito

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

141  
citations

1307594

7  
h-index

1281871

11  
g-index

26  
all docs

26  
docs citations

26  
times ranked

174  
citing authors

#	ARTICLE	IF	CITATIONS
1	AEB effectiveness evaluation based on car-to-cyclist accident reconstructions using video of drive recorder. <i>Traffic Injury Prevention</i> , 2019, 20, 100-106.	1.4	40
2	Difference between car-to-cyclist crash and near crash in a perpendicular crash configuration based on driving recorder analysis. <i>Accident Analysis and Prevention</i> , 2018, 117, 1-9.	5.7	17
3	The influence of lower extremity postures on kinematics and injuries of cyclists in vehicle side collisions. <i>Traffic Injury Prevention</i> , 2016, 17, 618-624.	1.4	14
4	Charge screening strategy for domain pattern control in nano-scale ferroelectric systems. <i>Scientific Reports</i> , 2017, 7, 5236.	3.3	14
5	Optimization of Vehicle Deceleration to Reduce Occupant Injury Risks in Frontal Impact. <i>Traffic Injury Prevention</i> , 2014, 15, 48-55.	1.4	12
6	Adult headform impact tests of three Japanese child bicycle helmets into a vehicle. <i>Accident Analysis and Prevention</i> , 2014, 73, 359-372.	5.7	9
7	Crash Pulse Optimization for Occupant Protection at Various Impact Velocities. <i>Traffic Injury Prevention</i> , 2015, 16, 260-267.	1.4	7
8	Analysis of car driver responses to avoid car-to-cyclist perpendicular collisions based on drive recorder data and driving simulator experiments. <i>Accident Analysis and Prevention</i> , 2021, 150, 105862.	5.7	7
9	Maxillofacial Injuries in Cyclists: A Biomechanical Approach for the Analysis of Mechanisms of Mandible Fractures. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 871-879.	1.2	6
10	Comparison of chest injury measures of hybrid III dummy. <i>International Journal of Crashworthiness</i> , 2017, 22, 38-48.	1.9	3
11	Periodic Introduction of Water-Tolerant Titanatrane Complex to Poly(NIPAM) Prepared by Simultaneous Step-Growth and Living Radical Polymerization. <i>ACS Symposium Series</i> , 2015, , 1-14.	0.5	2
12	Proposal of a calculation method to determine the structural components' contribution on the deceleration of a passenger compartment based on the energy-derivative method. <i>Traffic Injury Prevention</i> , 2017, 18, S79-S84.	1.4	2
13	Head protection with cyclist helmet in impact against vehicle A-pillar. <i>International Journal of Crashworthiness</i> , 2017, 22, 322-331.	1.9	2
14	Analysis of kinematic behavior of pedestrians/cyclists in vehicle collisions using impulse. <i>Traffic Injury Prevention</i> , 2020, 21, 335-340.	1.4	2
15	A preliminary FE analysis of a helmeted head in an A-pillar impact: effects of whole-body kinematic behavior of cyclist and head-helmet interaction on brain strain. <i>International Journal of Crashworthiness</i> , 2020, , 1-8.	1.9	2
16	Bumper contact sensor for pedestrian collisions based on analysis of pedestrian kinematic behaviour. <i>International Journal of Crashworthiness</i> , 2014, 19, 514-523.	1.9	1
17	2D26 The study on head protection with cyclist helmet in impact against vehicle A-pillar. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME</i> , 2015, 2015.27, 449-450.	0.0	1
18	A Constitutive Model for Skeletal Muscle Taking Account of Anisotropic Damage and Viscoelasticity(2C1 Musculo-Skeletal Biomechanics IV). <i>The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics</i> , 2007, 2007.3, S152.	0.0	0

#	ARTICLE	IF	CITATIONS
19	417 Relation between seatbelt path and chest injury criteria in the vehicle frontal crush. The Proceedings of Conference of Tokai Branch, 2014, 2014.63, _417-1_- 417-2_.	0.0	0
20	421 The Crash Pulse Optimization in Frontal Vehicle Impact. The Proceedings of Conference of Tokai Branch, 2014, 2014.63, _421-1_- 421-2_.	0.0	0
21	2E34 Study on the impact protective performance of the bicycle crew member helmet. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JJSM, 2014, 2014.26, 461-462.	0.0	0
22	2D25 Development of a finite element model of ankle joint and application to crash injury simulation. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JJSM, 2015, 2015.27, 447-448.	0.0	0
23	2D41 Occupant Chest Deformation by Restraint System in the Vehicle Frontal Crash. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JJSM, 2015, 2015.27, 463-464.	0.0	0
24	311 Load Transmission Investigation of Vertically Upward Impact when Launch Abort System Works. The Proceedings of Conference of Tokai Branch, 2016, 2016.65, _311-1_- 311-2_.	0.0	0
25	Design and analysis of liver model to assess injury with the consideration of blood flow. The Proceedings of the Computational Mechanics Conference, 2016, 2016.29, 4_122.	0.0	0
26	Calculation Method of Collision Speed Based on Energy Absorption Characteristics of Automotive Component. The Proceedings of the Computational Mechanics Conference, 2016, 2016.29, 4_191.	0.0	0