

Lu Xing

List of Publications by Year in descending order

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papers

546
citations

1040056

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382
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#	ARTICLE	IF	CITATIONS
1	The Microstructure Evolution and Electrochemical Corrosion Behavior of 7A46 Aluminum Alloy in Different Quenching Conditions. <i>Materials</i> , 2022, 15, 477.	2.9	2
2	A crash risk identification method for freeway segments with horizontal curvature based on real-time vehicle kinetic response. <i>Accident Analysis and Prevention</i> , 2021, 150, 105911.	5.7	10
3	The impact of road alignment characteristics on different types of traffic accidents. <i>Journal of Transportation Safety and Security</i> , 2020, 12, 697-726.	1.6	10
4	Comparison of different models for evaluating vehicle collision risks at upstream diverging area of toll plaza. <i>Accident Analysis and Prevention</i> , 2020, 135, 105343.	5.7	31
5	Time-varying Analysis of Traffic Conflicts at the Upstream Approach of Toll Plaza. <i>Accident Analysis and Prevention</i> , 2020, 141, 105539.	5.7	17
6	Examining traffic conflicts of up stream toll plaza area using vehicles' trajectory data. <i>Accident Analysis and Prevention</i> , 2019, 125, 174-187.	5.7	64
7	Longitudinal safety evaluation of electric vehicles with the partial wireless charging lane on freeways. <i>Accident Analysis and Prevention</i> , 2018, 111, 133-141.	5.7	12
8	Integrated Cooperative Adaptive Cruise and Variable Speed Limit Controls for Reducing Rear-End Collision Risks Near Freeway Bottlenecks Based on Micro-Simulations. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 3157-3167.	8.0	71
9	Evaluating the safety impact of adaptive cruise control in traffic oscillations on freeways. <i>Accident Analysis and Prevention</i> , 2017, 104, 137-145.	5.7	139
10	Evaluating impacts of different longitudinal driver assistance systems on reducing multi-vehicle rear-end crashes during small-scale inclement weather. <i>Accident Analysis and Prevention</i> , 2017, 107, 63-76.	5.7	41
11	Evaluation of the impacts of cooperative adaptive cruise control on reducing rear-end collision risks on freeways. <i>Accident Analysis and Prevention</i> , 2017, 98, 87-95.	5.7	149