

Daliang Shen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

140
citations

1937685

4
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1872680

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all docs

15
docs citations

15
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	A Minimum Principle-Based Algorithm for Energy-Efficient Eco-Driving of Electric Vehicles in Various Traffic and Road Conditions. IEEE Transactions on Intelligent Vehicles, 2020, 5, 725-737.	12.7	38
2	Model Predictive Energy Management for a Range Extender Hybrid Vehicle using Map Information. IFAC-PapersOnLine, 2015, 48, 263-270.	0.9	24
3	Leveraging Multiple Connected Traffic Light Signals in an Energy-Efficient Speed Planner. , 2021, 5, 2078-2083.		19
4	Fuel-Optimal Periodic Control of Passenger Cars in Cruise Based on Pontryagin's Minimum Principle. IFAC-PapersOnLine, 2018, 51, 813-820.	0.9	15
5	Fuel Efficient Speed Optimization for Real-World Highway Cruising. , 0, , .		12
6	Highway Eco-Driving of an Electric Vehicle Based on Minimum Principle. , 2018, , .		7
7	Online Implementation of Optimal Control with Receding Horizon for Eco-Driving of an Electric Vehicle. , 2019, , .		5
8	Forecasting Short to Mid-Length Speed Trajectories of Preceding Vehicle Using V2X Connectivity for Eco-Driving of Electric Vehicles. SAE International Journal of Advances and Current Practices in Mobility, 0, 3, 1801-1809.	2.0	5
9	Optimising Driving and Powertrain Control in Serial Hybrid Vehicles. ATZ Worldwide, 2017, 119, 68-71.	0.1	4
10	Utilization of predictive information to optimize driving and powertrain control of series hybrid vehicles. Automotive and Engine Technology, 2017, 2, 39-47.	1.1	4
11	Receding Horizon Reference Governor for Implementable and Optimal Powertrain-Aware Eco-Driving. IFAC-PapersOnLine, 2020, 53, 13842-13849.	0.9	4
12	Solving Eco-Driving Problems Using Indirect Collocation Method and Smooth Representation. , 2021, 5, 1501-1506.		3
13	Solving Eco-Driving Problems using Indirect Collocation Method and Smooth Representation. , 2021, , .		0
14	Leveraging Multiple Connected Traffic Light Signals in an Energy-Efficient Speed Planner**This report and the work described were sponsored by the U.S. Department of Energy (DOE) Vehicle Technologies Office (VTO) under the Systems and Modelling for Accelerated Research in Transportation (SMART) Mobility Laboratory Consortium, an initiative of the Energy Efficient Mobility Systems (EEMS) Program.. , 2021, , .		0