

Heeyun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

386
citations

1039406

9
h-index

1199166

12
g-index

23
all docs

23
docs citations

23
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy efficient speed planning of electric vehicles for car-following scenario using model-based reinforcement learning. Applied Energy, 2022, 313, 118460.	5.1	32
2	Reinforcement Learning Based on Equivalent Consumption Minimization Strategy for Optimal Control of Hybrid Electric Vehicles. IEEE Access, 2021, 9, 860-871.	2.6	25
3	Energy Management Strategy of Fuel Cell Electric Vehicles Using Model-Based Reinforcement Learning With Data-Driven Model Update. IEEE Access, 2021, 9, 59244-59254.	2.6	24
4	Model Based Automated Calibration for Shift Control of Automatic Transmission. International Journal of Automotive Technology, 2021, 22, 269-280.	0.7	5
5	A Review of Optimal Energy Management Strategies Using Machine Learning Techniques for Hybrid Electric Vehicles. International Journal of Automotive Technology, 2021, 22, 1437-1452.	0.7	17
6	A Real-Time Intelligent Energy Management Strategy for Hybrid Electric Vehicles Using Reinforcement Learning. IEEE Access, 2021, 9, 72759-72768.	2.6	21
7	Generic Representations for Hybrid Powertrain Configurations. International Journal of Automotive Technology, 2021, 22, 1683-1693.	0.7	0
8	Model-Based Reinforcement Learning for Eco-Driving Control of Electric Vehicles. IEEE Access, 2020, 8, 202886-202896.	2.6	42
9	Receding Horizon Control of Cooling Systems for Large-Size Uninterruptible Power Supply Based on a Metal-Air Battery System. Energies, 2020, 13, 1611.	1.6	1
10	Online Data-Driven Energy Management of a Hybrid Electric Vehicle Using Model-Based Q-Learning. IEEE Access, 2020, 8, 84444-84454.	2.6	30
11	Comparative Analysis of Energy Management Strategies for HEV: Dynamic Programming and Reinforcement Learning. IEEE Access, 2020, 8, 67112-67123.	2.6	66
12	A Study on the Energy Management Strategy Based on the Accuracy of Speed Profile of Hybrid Electric Vehicle. , 2018, , .		0
13	A Power Management Strategy for Parallel PHEV Using Deep Q-Networks. , 2018, , .		12
14	Optimization of Speed Trajectory for Eco-Driving Considering Road Characteristics. , 2018, , .		3
15	Model-Based Integrated Control of Engine and CVT to Minimize Fuel Use. International Journal of Automotive Technology, 2018, 19, 687-694.	0.7	7
16	Model Validation of the Chevrolet Volt 2016. , 2018, , .		10
17	Energy management strategy of hybrid electric vehicle using battery state of charge trajectory information. International Journal of Precision Engineering and Manufacturing - Green Technology, 2017, 4, 79-86.	2.7	37
18	Traffic speed prediction under weekday using convolutional neural networks concepts. , 2017, , .		34

#	ARTICLE	IF	CITATIONS
19	Development of Vehicle Component Sizing Process Using Optimization Algorithm. , 2017, , .		3
20	Component size and gear ratio optimization in PHEV powertrain. , 2017, , .		0
21	Study on Power Management Strategy of HEV using Dynamic Programming. World Electric Vehicle Journal, 2016, 8, 274-280.	1.6	9
22	Power management strategy of hybrid electric vehicle using power split ratio line control strategy based on dynamic programming. , 2015, , .		2
23	Energy Management Strategy of Hybrid Electric Vehicle using Stochastic Dynamic Programming. , 0, , .		6