

Heeyun Lee

List of Publications by Year in descending order

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23
papers

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256
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Comparative Analysis of Energy Management Strategies for HEV: Dynamic Programming and Reinforcement Learning. IEEE Access, 2020, 8, 67112-67123. | 2.6 | 66 |
| 2 | Model-Based Reinforcement Learning for Eco-Driving Control of Electric Vehicles. IEEE Access, 2020, 8, 202886-202896. | 2.6 | 42 |
| 3 | 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 |
| 4 | Traffic speed prediction under weekday using convolutional neural networks concepts. , 2017, , . | | 34 |
| 5 | Energy efficient speed planning of electric vehicles for car-following scenario using model-based reinforcement learning. Applied Energy, 2022, 313, 118460. | 5.1 | 32 |
| 6 | Online Data-Driven Energy Management of a Hybrid Electric Vehicle Using Model-Based Q-Learning. IEEE Access, 2020, 8, 84444-84454. | 2.6 | 30 |
| 7 | Reinforcement Learning Based on Equivalent Consumption Minimization Strategy for Optimal Control of Hybrid Electric Vehicles. IEEE Access, 2021, 9, 860-871. | 2.6 | 25 |
| 8 | 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 |
| 9 | A Real-Time Intelligent Energy Management Strategy for Hybrid Electric Vehicles Using Reinforcement Learning. IEEE Access, 2021, 9, 72759-72768. | 2.6 | 21 |
| 10 | 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 |
| 11 | A Power Management Strategy for Parallel PHEV Using Deep Q-Networks. , 2018, , . | | 12 |
| 12 | Model Validation of the Chevrolet Volt 2016. , 2018, , . | | 10 |
| 13 | Study on Power Management Strategy of HEV using Dynamic Programming. World Electric Vehicle Journal, 2016, 8, 274-280. | 1.6 | 9 |
| 14 | Model-Based Integrated Control of Engine and CVT to Minimize Fuel Use. International Journal of Automotive Technology, 2018, 19, 687-694. | 0.7 | 7 |
| 15 | Energy Management Strategy of Hybrid Electric Vehicle using Stochastic Dynamic Programming. , 0, , . | | 6 |
| 16 | Model Based Automated Calibration for Shift Control of Automatic Transmission. International Journal of Automotive Technology, 2021, 22, 269-280. | 0.7 | 5 |
| 17 | Development of Vehicle Component Sizing Process Using Optimization Algorithm. , 2017, , . | | 3 |
| 18 | Optimization of Speed Trajectory for Eco-Driving Considering Road Characteristics. , 2018, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Power management strategy of hybrid electric vehicle using power split ratio line control strategy based on dynamic programming. , 2015, , . | | 2 |
| 20 | 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 |
| 21 | Component size and gear ratio optimization in PHEV powertrain. , 2017, , . | | 0 |
| 22 | A Study on the Energy Management Strategy Based on the Accuracy of Speed Profile of Hybrid Electric Vehicle. , 2018, , . | | 0 |
| 23 | Generic Representations for Hybrid Powertrain Configurations. International Journal of Automotive Technology, 2021, 22, 1683-1693. | 0.7 | 0 |