

Hong-Qiang Guo

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

436
citations

933447

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all docs

20
docs citations

20
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal Collision Avoidance and Lateral Stability Adaptive Control System Based on MPC of Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2376-2385.	8.0	110
2	State-of-charge-constraint-based energy management strategy of plug-in hybrid electric vehicle with bus route. Energy Conversion and Management, 2019, 199, 111972.	9.2	70
3	A systematic design and optimization method of transmission system and power management for a plug-in hybrid electric vehicle. Energy, 2018, 148, 1006-1017.	8.8	53
4	Receding horizon control-based energy management for plug-in hybrid electric buses using a predictive model of terminal SOC constraint in consideration of stochastic vehicle mass. Energy, 2019, 176, 292-308.	8.8	26
5	Robust energy management of plug-in hybrid electric bus considering the uncertainties of driving cycles and vehicle mass. Energy, 2020, 203, 117836.	8.8	26
6	A driving pattern recognition-based energy management for plug-in hybrid electric bus to counter the noise of stochastic vehicle mass. Energy, 2020, 198, 117289.	8.8	24
7	Model Predictive Iterative Learning Control for Energy Management of Plug-In Hybrid Electric Vehicle. IEEE Access, 2019, 7, 71323-71334.	4.2	21
8	An integrated control strategy for the composite braking system of an electric vehicle with independently driven axles. Vehicle System Dynamics, 2016, 54, 1031-1052.	3.7	19
9	An all-in-one design method for plug-in hybrid electric buses considering uncertain factor of driving cycles. Applied Energy, 2019, 253, 113499.	10.1	19
10	Virtual Fluid-Flow-Model-Based Lane-Keeping Integrated With Collision Avoidance Control System Design for Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 6232-6241.	8.0	15
11	A robust co-state predictive model for energy management of plug-in hybrid electric bus. Journal of Cleaner Production, 2020, 250, 119478.	9.3	9
12	Self-Learning Enhanced Energy Management for Plug-in Hybrid Electric Bus With a Target Preview Based SOC Plan Method. IEEE Access, 2019, 7, 103153-103166.	4.2	8
13	Intelligent Energy Management for Plug-in Hybrid Electric Bus with Limited State Space. Processes, 2019, 7, 672.	2.8	8
14	Hierarchical Control Strategy for the Cooperative Braking System of Electric Vehicle. Scientific World Journal, The, 2015, 2015, 1-11.	2.1	5
15	A Robust Design Method for Optimal Engine Operating Zone Design of Plug-in Hybrid Electric Bus. IEEE Access, 2022, 10, 6978-6988.	4.2	5
16	Receding horizon control strategy for an electric vehicle with dual-motor coupling system in consideration of stochastic vehicle mass. PLoS ONE, 2018, 13, e0205212.	2.5	4
17	Multi-Stage Gear Shifting Control Scheme for Electric Mechanical Transmission: Design and Experiment. IEEE Access, 2019, 7, 95576-95584.	4.2	4
18	Self-learning energy management for plug-in hybrid electric bus considering expert experience and generalization performance. International Journal of Energy Research, 2020, 44, 5659-5674.	4.5	4

#	ARTICLE	IF	CITATIONS
19	Statistical Analysis of Industrial Grinding Brush Force Characteristics Based on Finite Element Approach. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-9.	1.1	3
20	Power Management for Plug-in Hybrid Electric Vehicle with Automated Mechanical Transmission using Multiple Dimensional Scaling Method. <i>Recent Patents on Engineering</i> , 2020, 14, 133-141.	0.4	3