

Ji Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

568
citations

759233

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21
docs citations

21
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Transferable representation modelling for real-time energy management of the plug-in hybrid vehicle based on k-fold fuzzy learning and Gaussian process regression. <i>Applied Energy</i> , 2022, 305, 117853.	10.1	42
2	Pedestrian-Aware Supervisory Control System Interactive Optimization of Connected Hybrid Electric Vehicles via Fuzzy Adaptive Cost Map and Bees Algorithm. <i>IEEE Transactions on Transportation Electrification</i> , 2022, 8, 2959-2970.	7.8	4
3	Geometric neuro-fuzzy transfer learning for in-cylinder pressure modelling of a diesel engine fuelled with raw microalgae oil. <i>Applied Energy</i> , 2022, 306, 118014.	10.1	9
4	Distributed Cooperative Energy Management System of Connected Hybrid Electric Vehicles With Personalized Non-Stationary Inference. <i>IEEE Transactions on Transportation Electrification</i> , 2022, 8, 2996-3007.	7.8	7
5	Cyber-Physical Data Fusion in Surrogate-Assisted Strength Pareto Evolutionary Algorithm for PHEV Energy Management Optimization. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 4107-4117.	11.3	17
6	Fuzzy-tree-constructed data-efficient modelling methodology for volumetric efficiency of dedicated hybrid engines. <i>Applied Energy</i> , 2022, 310, 118534.	10.1	6
7	Electrothermal Dynamics-Conscious Many-Objective Modular Design for Power-Split Plug-in Hybrid Electric Vehicles. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 4406-4416.	5.8	5
8	Modified Particle Swarm Optimization With Chaotic Attraction Strategy for Modular Design of Hybrid Powertrains. <i>IEEE Transactions on Transportation Electrification</i> , 2021, 7, 616-625.	7.8	19
9	Human-Knowledge-Augmented Gaussian Process Regression for State-of-Health Prediction of Lithium-Ion Batteries With Charging Curves. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2021, 18, .	2.1	12
10	Enhanced intelligent proportional-integral-like fuzzy knowledge-based controller using chaos-enhanced accelerated particle swarm optimization algorithm for transient calibration of air-fuel ratio control system. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2020, 234, 39-55.	1.9	6
11	Back-to-Back Competitive Learning Mechanism for Fuzzy Logic Based Supervisory Control System of Hybrid Electric Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 8900-8909.	7.9	27
12	Driver-Identified Supervisory Control System of Hybrid Electric Vehicles Based on Spectrum-Guided Fuzzy Feature Extraction. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2691-2701.	9.8	26
13	Multiobjective Co-Optimization of Cooperative Adaptive Cruise Control and Energy Management Strategy for PHEVs. <i>IEEE Transactions on Transportation Electrification</i> , 2020, 6, 346-355.	7.8	59
14	Heuristic action execution for energy efficient charge-sustaining control of connected hybrid vehicles with model-free double Q-learning. <i>Applied Energy</i> , 2020, 267, 114900.	10.1	37
15	Multiobjective component sizing of a hybrid ethanol-electric vehicle propulsion system. <i>Applied Energy</i> , 2020, 266, 114843.	10.1	27
16	Intelligent transient calibration of a dual-loop EGR diesel engine using chaos-enhanced accelerated particle swarm optimization algorithm. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019, 233, 1698-1711.	1.9	8
17	Multi-step reinforcement learning for model-free predictive energy management of an electrified off-highway vehicle. <i>Applied Energy</i> , 2019, 255, 113755.	10.1	93
18	Dual-loop online intelligent programming for driver-oriented predict energy management of plug-in hybrid electric vehicles. <i>Applied Energy</i> , 2019, 253, 113617.	10.1	54

#	ARTICLE	IF	CITATIONS
19	Improved scheme of membership function optimisation for fuzzy air-fuel ratio control of GDI engines. IET Intelligent Transport Systems, 2019, 13, 209-217.	3.0	6
20	Adaptive Cruise Control Strategies Implemented on Experimental Vehicles: A Review. IFAC-PapersOnLine, 2019, 52, 21-27.	0.9	48
21	Cyber-Physical Energy-Saving Control for Hybrid Aircraft-Towing Tractor Based on Online Swarm Intelligent Programming. IEEE Transactions on Industrial Informatics, 2018, 14, 4149-4158.	11.3	56