Ji Li

List of Publications by Year
in descending order

		759233	713466
21	568	12	21
papers	citations	h-index	g-index

21	21	21	389
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-step reinforcement learning for model-free predictive energy management of an electrified off-highway vehicle. Applied Energy, 2019, 255, 113755.	10.1	93
2	Multiobjective Co-Optimization of Cooperative Adaptive Cruise Control and Energy Management Strategy for PHEVs. IEEE Transactions on Transportation Electrification, 2020, 6, 346-355.	7.8	59
3	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
4	Dual-loop online intelligent programming for driver-oriented predict energy management of plug-in hybrid electric vehicles. Applied Energy, 2019, 253, 113617.	10.1	54
5	Adaptive Cruise Control Strategies Implemented on Experimental Vehicles: A Review. IFAC-PapersOnLine, 2019, 52, 21-27.	0.9	48
6	Transferable representation modelling for real-time energy management of the plug-in hybrid vehicle based on k-fold fuzzy learning and Gaussian process regression. Applied Energy, 2022, 305, 117853.	10.1	42
7	Heuristic action execution for energy efficient charge-sustaining control of connected hybrid vehicles with model-free double Q-learning. Applied Energy, 2020, 267, 114900.	10.1	37
8	Back-to-Back Competitive Learning Mechanism for Fuzzy Logic Based Supervisory Control System of Hybrid Electric Vehicles. IEEE Transactions on Industrial Electronics, 2020, 67, 8900-8909.	7.9	27
9	Multiobjective component sizing of a hybrid ethanol-electric vehicle propulsion system. Applied Energy, 2020, 266, 114843.	10.1	27
10	Driver-Identified Supervisory Control System of Hybrid Electric Vehicles Based on Spectrum-Guided Fuzzy Feature Extraction. IEEE Transactions on Fuzzy Systems, 2020, 28, 2691-2701.	9.8	26
11	Modified Particle Swarm Optimization With Chaotic Attraction Strategy for Modular Design of Hybrid Powertrains. IEEE Transactions on Transportation Electrification, 2021, 7, 616-625.	7.8	19
12	Cyber-Physical Data Fusion in Surrogate- Assisted Strength Pareto Evolutionary Algorithm for PHEV Energy Management Optimization. IEEE Transactions on Industrial Informatics, 2022, 18, 4107-4117.	11.3	17
13	Human-Knowledge-Augmented Gaussian Process Regression for State-of-Health Prediction of Lithium-Ion Batteries With Charging Curves. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	12
14	Geometric neuro-fuzzy transfer learning for in-cylinder pressure modelling of a diesel engine fuelled with raw microalgae oil. Applied Energy, 2022, 306, 118014.	10.1	9
15	Intelligent transient calibration of a dual-loop EGR diesel engine using chaos-enhanced accelerated particle swarm optimization algorithm. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2019, 233, 1698-1711.	1.9	8
16	Distributed Cooperative Energy Management System of Connected Hybrid Electric Vehicles With Personalized Non-Stationary Inference. IEEE Transactions on Transportation Electrification, 2022, 8, 2996-3007.	7.8	7
17	Improved scheme of membership function optimisation for fuzzy airâ€fuel ratio control of GDI engines. IET Intelligent Transport Systems, 2019, 13, 209-217.	3.0	6
18	Enhanced intelligent proportional-integral-like fuzzy knowledgeâ€“based controller using chaos-enhanced accelerated particle swarm optimization algorithm for transient calibration of airâ€“fuel ratio control system. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2020, 234, 39-55.	1.9	6

#	Article	IF	Citations
19	Fuzzy-tree-constructed data-efficient modelling methodology for volumetric efficiency of dedicated hybrid engines. Applied Energy, 2022, 310, 118534.	10.1	6
20	Electrothermal Dynamics-Conscious Many-Objective Modular Design for Power-Split Plug-in Hybrid Electric Vehicles. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4406-4416.	5.8	5
21	Pedestrian-Aware Supervisory Control System Interactive Optimization of Connected Hybrid Electric Vehicles via Fuzzy Adaptive Cost Map and Bees Algorithm. IEEE Transactions on Transportation Electrification, 2022, 8, 2959-2970.	7.8	4