

Xiu-xing Yin

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

451
citations

933447

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940533

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docs citations

17
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	Avoiding thermal runaway propagation of lithium-ion battery modules by using hybrid phase change material and liquid cooling. <i>Applied Thermal Engineering</i> , 2021, 184, 116380.	6.0	126
2	Adaptive back-stepping pitch angle control for wind turbine based on a new electro-hydraulic pitch system. <i>International Journal of Control</i> , 2015, 88, 2316-2326.	1.9	43
3	Enhancing trajectory tracking accuracy for industrial robot with robust adaptive control. <i>Robotics and Computer-Integrated Manufacturing</i> , 2018, 51, 97-102.	9.9	42
4	Direct adaptive robust tracking control for 6 DOF industrial robot with enhanced accuracy. <i>ISA Transactions</i> , 2018, 72, 178-184.	5.7	40
5	Output power control for hydro-viscous transmission based continuously variable speed wind turbine. <i>Renewable Energy</i> , 2014, 72, 395-405.	8.9	38
6	Deep Neural Learning Based Distributed Predictive Control for Offshore Wind Farm Using High-Fidelity LES Data. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 3251-3261.	7.9	34
7	Integrated pitch control for wind turbine based on a novel pitch control system. <i>Journal of Renewable and Sustainable Energy</i> , 2014, 6, 043106.	2.0	32
8	Robust adaptive fuzzy sliding mode trajectory tracking control for serial robotic manipulators. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 72, 101884.	9.9	29
9	Consensus via event-triggered strategy of nonlinear multi-agent systems with Markovian switching topologies. <i>ISA Transactions</i> , 2020, 104, 122-129.	5.7	16
10	Composite Hierarchical Pitch Angle Control for a Tidal Turbine Based on the Uncertainty and Disturbance Estimator. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 329-339.	7.9	13
11	Modeling and loading compensation of a rotary valve-controlled pitch system for wind turbines. <i>Journal of Zhejiang University: Science A</i> , 2017, 18, 718-727.	2.4	10
12	Elman neural network-based identification of rate-dependent hysteresis in piezoelectric actuators. <i>Journal of Intelligent Material Systems and Structures</i> , 2020, 31, 980-989.	2.5	10
13	An up to date review of continuously variable speed wind turbines with mechatronic variable transmissions. <i>International Journal of Energy Research</i> , 2018, 42, 1442-1454.	4.5	8
14	Dynamic Characteristics and Test Results of a Wave Power Takeoff System With Mechanical Motion Rectification and Transmission. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 12262-12271.	7.9	4
15	Design and simulation of a novel continuously variable-speed drivetrain for wind turbine. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2021, 46, 1.	1.3	3
16	Novel phase-locked loop-based resonant frequency tracking control for linear reciprocating compressor. <i>International Journal of Low-Carbon Technologies</i> , 0, , .	2.6	2
17	State of the art review of continuously variable speed wind turbines with hydraulic transmissions. <i>Environmental Progress and Sustainable Energy</i> , 2019, , e13291.	2.3	1