Zhao-Hua Liu

List of Publications by Year
in descending order

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26	737	567144 15	713332 21
papers	citations	h-index	g-index

27	27	27	670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Switched PI Control Based MRAS for Sensorless Control of PMSM Drives Using Fuzzy-Logic-Controller. IEEE Open Journal of Power Electronics, 2022, 3, 368-381.	4.0	21
2	Second-Order ESO-Based Current Sensor Fault-Tolerant Strategy for Sensorless Control of PMSM With B-Phase Current. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5427-5438.	3.7	9
3	Deep Adversarial Domain Adaptation Model for Bearing Fault Diagnosis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4217-4226.	5.9	67
4	Optimal Transport Based Deep Domain Adaptation Approach for Fault Diagnosis of Rotating Machine. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1.	2.4	18
5	A Regularized LSTM Method for Predicting Remaining Useful Life of Rolling Bearings. International Journal of Automation and Computing, 2021, 18, 581-593.	4.5	32
6	A Newly Designed VSC-Based Current Regulator for Sensorless Control of PMSM Considering VSI Nonlinearity. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 4420-4431.	3.7	18
7	A Stacked Auto-Encoder Based Partial Adversarial Domain Adaptation Model for Intelligent Fault Diagnosis of Rotating Machines. IEEE Transactions on Industrial Informatics, 2021, 17, 6798-6809.	7.2	53
8	A Deep Adversarial Learning Prognostics Model for Remaining Useful Life Prediction of Rolling Bearing. IEEE Transactions on Artificial Intelligence, 2021, 2, 329-340.	3.4	18
9	Tracking Performance Limitations of MIMO Networked Control Systems With Multiple Communication Constraints. IEEE Transactions on Cybernetics, 2020, 50, 2982-2995.	6.2	32
10	Fault Diagnosis for Electromechanical Drivetrains Using a Joint Distribution Optimal Deep Domain Adaptation Approach. IEEE Sensors Journal, 2019, 19, 12261-12270.	2.4	32
11	Local Demagnetization Fault Diagnosis of Permanent Magnet Synchronous Motor Based on CS-LDM. , 2019, , .		0
12	Global Identification of Electrical and Mechanical Parameters in PMSM Drive Based on Dynamic Self-Learning PSO. IEEE Transactions on Power Electronics, 2018, 33, 10858-10871.	5.4	110
13	Hybrid particle swarm optimization with differential evolution for numerical and engineering optimization. International Journal of Automation and Computing, 2018, 15, 103-114.	4.5	50
14	Three-phase asynchronous motor fault diagnosis based on sparse self-coding neural network. , 2018, , .		1
15	Parameter Estimation for VSI-Fed PMSM Based on a Dynamic PSO With Learning Strategies. IEEE Transactions on Power Electronics, 2017, 32, 3154-3165.	5.4	101
16	Parameter Identification of Permanent Magnet Synchronous Machine Based on an Adaptive Mutation Dynamic Differential Evolution. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2017, 139, .	0.9	2
17	GPU Implementation of DPSO-RE Algorithm for Parameters Identification of Surface PMSM Considering VSI Nonlinearity. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 1334-1345.	3.7	30
18	Estimation of Stator Resistance and Rotor Flux Linkage in SPMSM Using CLPSO with Opposition-Based-Learning Strategy. Journal of Control Science and Engineering, 2016, 2016, 1-7.	0.8	3

#	Article	IF	Citations
19	An Enhanced Approach for Parameter Estimation: Using Immune Dynamic Learning Swarm Optimization Based on Multicore Architecture. IEEE Systems, Man, and Cybernetics Magazine, 2016, 2, 26-33.	1.2	13
20	OpenMP-Based Multi-core Parallel Cooperative PSO with ICS Using Machine Learning for Global Optimization Problem. , 2015, , .		3
21	GPU-Accelerated Parallel Coevolutionary Algorithm for Parameters Identification and Temperature Monitoring in Permanent Magnet Synchronous Machines. IEEE Transactions on Industrial Informatics, 2015, 11, 1220-1230.	7.2	53
22	Multi-core based parallelized cooperative PSO with immunity for large scale optimization problem. , 2014, , .		3
23	Permanent Magnet Synchronous Motor Multiple Parameter Identification and Temperature Monitoring Based on Binary-modal Adaptive Wavelet Particle. Zidonghua Xuebao/Acta Automatica Sinica, 2014, 39, 2121-2130.	0.3	5
24	Coevolutionary Particle Swarm Optimization Using AIS and its Application in Multiparameter Estimation of PMSM. IEEE Transactions on Cybernetics, 2013, 43, 1921-1935.	6.2	54
25	Cooperative particle swarm optimization with ICS and Its application to parameter identification of PMSM. , 2012, , .		1
26	Immune Co-evolution Particle Swarm Optimization for Permanent Magnet Synchronous Motor Parameter Identification. Zidonghua Xuebao/Acta Automatica Sinica, 2012, 38, 1698.	0.3	7