I Chihi

List of Publications by Year
in descending order

29 papers	499 citations	1162367 8 h-index	940134 16 g-index
29 all docs	29 docs citations	29 times ranked	230 citing authors

#	Article	IF	Citations
1	Hammerstein–Wiener Multimodel Approach for Fast and Efficient Muscle Force Estimation from EMG Signals. Biosensors, 2022, 12, 117.	2.3	5
2	Automation of a Hybrid Control for Electrohydraulic Servo-Actuators with Residual Dynamics. Applied Sciences (Switzerland), 2022, 12, 2856.	1.3	3
3	A novel stacked generalization ensemble-based hybrid LGBM-XGB-MLP model for Short-Term Load Forecasting. Energy, 2021, 214, 118874.	4.5	179
4	Deep Learning in Smart Grid Technology: A Review of Recent Advancements and Future Prospects. IEEE Access, 2021, 9, 54558-54578.	2.6	79
5	An Effective Ensemble Learning approach-Based Grid Stability Assessment and Classification. , 2021, , .		10
6	Enhanced Random Forest Model for Robust Short-Term Photovoltaic Power Forecasting Using Weather Measurements. Energies, 2021, 14, 3992.	1.6	13
7	An Effective Hybrid NARX-LSTM Model for Point and Interval PV Power Forecasting. IEEE Access, 2021, 9, 36571-36588.	2.6	66
8	Convergence of Photovoltaic Power Forecasting and Deep Learning: State-of-Art Review. IEEE Access, 2021, 9, 136593-136615.	2.6	37
9	Enhanced Deep Belief Network Based on Ensemble Learning and Tree-Structured of Parzen Estimators: An Optimal Photovoltaic Power Forecasting Method. IEEE Access, 2021, 9, 150330-150344.	2.6	21
10	Modeling simple and complex handwriting based on EMG signals. , 2020, , 129-149.		2
11	PLS-CNN-BiLSTM: An End-to-End Algorithm-Based Savitzky–Golay Smoothing and Evolution Strategy for Load Forecasting. Energies, 2020, 13, 5464.	1.6	34
12	Adaptive Control Design for Human Handwriting Process Based on Electromyography Signals. Complexity, 2020, 2020, 1-14.	0.9	3
13	Study of the magnetic and magnetocaloric properties of new perovskite-type materials: La0.6Ba0.2Sr0.2Mn1−xFexO3. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	8
14	Medium and Long-Term Parametric Temperature Forecasting using Real Meteorological Data. , 2019, , .		4
15	MIMO human handwriting model in stochastic environment. International Journal of Biomedical Engineering and Technology, 2019, 29, 366.	0.2	0
16	Dynamic Gains Robust Differentiator Based Fault Detection Approach for Cascaded H-Bridge Multilevel Inverters. , 2018, , .		6
17	Online Fault Detection Approach of Unpredictable Inputs: Application to Handwriting System. Complexity, 2018, 2018, 1-12.	0.9	5
18	Biological Feedback Controller Design for Handwriting Model. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.5	0

#	Article	IF	Citations
19	Inputs estimator for actuator faults detection. , 2017, , .		0
20	Fault actuators detection based on inputs-outputs data mapping: application to a robot manipulator. International Journal of Advanced Mechatronic Systems, 2017, 7, 328.	0.1	1
21	Fault actuators detection based on inputs-outputs data mapping: application to a robot manipulator. International Journal of Advanced Mechatronic Systems, 2017, 7, 328.	0.1	1
22	Intelligent-PI controller for electro-hydraulic system. , 2016, , .		4
23	On the controllers of human handwriting motion. , 2016, , .		0
24	Observer approach for fault detection of the handwriting process. , 2016, , .		1
25	On Nonlinear Robust Adaptative Control: Application on Electro-Hydraulic Valve System. Studies in Computational Intelligence, 2016, , 575-594.	0.7	1
26	Multi-model approach to characterize human handwriting motion. Biological Cybernetics, 2016, 110, 17-30.	0.6	11
27	Bi-axis control algorithm to generate manuscript shapes from mathematical handwriting model. , 2015, , .		1
28	New multi-axis control algorithm to generate human handwriting traces. , 2014, , .		1
29	Reconstitution of Electromyographic Signals from Pen-Tip Velocity. , 2012, , .		3