

Ali Chaibakhsh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

349
citations

9
h-index

18
g-index

50
ext. papers

462
ext. citations

3.1
avg, IF

4.04
L-index

#	Paper	IF	Citations
39	A New Fault Diagnosis Approach for Heavy-Duty Gas Turbines. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022 , 1-11	5.5	3
38	Nonlinear model-based cardiac arrhythmia diagnosis using the optimization-based inverse problem solution.. <i>Biomedical Engineering Letters</i> , 2022 , 12, 205-215	3.6	0
37	Fault detection and isolation of gas turbine using series-parallel NARX model. <i>ISA Transactions</i> , 2021 , 120, 205-205	5.5	1
36	Multi-Feature Fusion Approach for Epileptic Seizure Detection From EEG Signals. <i>IEEE Sensors Journal</i> , 2021 , 21, 3533-3543	4	21
35	Feature fusion for improving performance of motor imagery brain-computer interface system. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102763	4.9	2
34	SMSA Security Management System for Steam Turbines Using a Multisensor Array. <i>IEEE Systems Journal</i> , 2020 , 14, 3813-3824	4.3	7
33	Ensemble-Based Fault Detection and Isolation of an Industrial Gas Turbine 2020 ,		10
32	Nonlinear robust fault diagnosis of power plant gas turbine using Monte Carlo-based adaptive threshold approach. <i>ISA Transactions</i> , 2020 , 100, 171-184	5.5	7
31	Multi-Sensor Feature Fusion and Grey Wolf Optimizer-Based Support Vector Machine for Transient Fault Detection in a Once-Through Power Plant 2019 ,		1
30	Individual-based multi-objective optimal structured treatment interruption for HIV infection. <i>Applied Soft Computing Journal</i> , 2019 , 85, 105780	7.5	1
29	Generalized Sequential Forward Selection Method for Channel Selection in EEG Signals for Classification of Left or Right Hand Movement in BCI 2019 ,		5
28	Modeling and Control of an Air Levitation Ball and Pipe Laboratory Setup 2019 ,		1
27	A Control Oriented Cyber-Secure Strategy Based on Multiple Sensor Fusion 2019 ,		12
26	Semiactive conceptual fuzzy control of magnetorheological dampers in an irregular base-isolated benchmark building optimized by multi-objective genetic algorithm. <i>Structural Control and Health Monitoring</i> , 2019 , 26, e2302	4.5	9
25	Maximum allowable fouling detection in industrial fired heater furnaces. <i>Journal of Mechanical Science and Technology</i> , 2018 , 32, 415-421	1.6	0
24	A simulation model for transient behaviour of heavy-duty gas turbines. <i>Applied Thermal Engineering</i> , 2018 , 132, 115-127	5.8	21
23	An intelligent hybrid technique for fault detection and condition monitoring of a thermal power plant. <i>Applied Mathematical Modelling</i> , 2018 , 60, 34-47	4.5	16

22	Flame Failures and Recovery in Industrial Furnaces: A Neural Network Steady-State Model for the Firing Rate Setpoint Rearrangement. <i>International Journal of Chemical Engineering</i> , 2018 , 2018, 1-15	2.2	0
21	Stable haptic rendering in interactive virtual control laboratory. <i>Intelligent Service Robotics</i> , 2018 , 11, 289-300	2.6	2
20	Unbalance fault localization in rotating machinery disks using EEMD and optimized multi-class SVM 2017 ,		1
19	Crude oil direct fired furnace model. <i>Applied Thermal Engineering</i> , 2015 , 83, 57-70	5.8	10
18	THERMO-HYDRAULIC BEHAVIOR MODELING OF PASSIVE HEAT TRANSFER ENHANCEMENT TECHNIQUES USING A SOFT COMPUTING APPROACH. <i>Chemical Engineering Communications</i> , 2014 , 201, 53-71	2.2	6
17	Robust control of a steam turbine power based on a precise nonlinear model 2014 ,		1
16	Long-Term Prediction of Biological Wastewater Treatment Process Behavior via Wiener-Laguerre Network Model. <i>International Journal of Chemical Engineering</i> , 2014 , 2014, 1-7	2.2	4
15	Modelling and long-term simulation of a heat recovery steam generator. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2013 , 19, 91-114	1	4
14	A Model-Based Coordinated Control Concept for Steam Power Plants. <i>Journal of Engineering (United States)</i> , 2013 , 2013, 1-11	1.5	3
13	Modeling and Fuzzy Control of a Crude Oil Preheating Furnace. <i>Applied Mechanics and Materials</i> , 2012 , 229-231, 2370-2374	0.3	2
12	Identification of MR Damper Based on Normalized Bouc-Wen Model Using Neural Network. <i>Applied Mechanics and Materials</i> , 2012 , 229-231, 2140-2144	0.3	1
11	Neuro-Fuzzy Modeling of Heat Recovery Steam Generator. <i>International Journal of Machine Learning and Computing</i> , 2012 , 604-608	1.8	2
10	Genetic-optimized neuro-fuzzy inference system (GONFIS) in nonlinear system identification 2011 ,		1
9	Application of Fuzzy Modeling and Optimization in Enzymatic Esterification Process. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 2011 , 408-415	0.2	1
8	Experimental Fuzzy Modelling and Control of a Steam Power Plant Boiler. <i>International Journal of Modelling and Simulation</i> , 2009 , 29, 379-386	1.5	2
7	Gas based distributed generation systems, a key to Iran buildings growing energy demand 2008 ,		1
6	Steam turbine model. <i>Simulation Modelling Practice and Theory</i> , 2008 , 16, 1145-1162	3.9	110
5	Soft computing approach for modeling power plant with a once-through boiler. <i>Engineering Applications of Artificial Intelligence</i> , 2007 , 20, 809-819	7.2	16

4	A simulated model for a once-through boiler by parameter adjustment based on genetic algorithms. <i>Simulation Modelling Practice and Theory</i> , 2007 , 15, 1029-1051	3.9	53
3	An Optimization Approach Based on Genetic Algorithm for Modeling Benson Type Boiler. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	7
2	Experimental fuzzy modeling and control of a once-through boiler		2
1	Enhancing disturbance rejection performance for a class of networked cascade control systems: an H _∞ approach. <i>International Journal of Control</i> ,1-38	1.5	1