Saeed Amirkhani

List of Publications by Year
in descending order

13 papers	254 citations	1307366 7 h-index	1474057 9 g-index
13 all docs	13 docs citations	13 times ranked	307 citing authors

#	Article	IF	Citations
1	ANN and ANFIS models to predict the performance of solar chimney power plants. Renewable Energy, 2015, 83, 597-607.	4.3	89
2	A simulation model for transient behaviour of heavy-duty gas turbines. Applied Thermal Engineering, 2018, 132, 115-127.	3.0	37
3	Fast terminal sliding mode tracking control of nonlinear uncertain mass–spring system with experimental verifications. International Journal of Advanced Robotic Systems, 2019, 16, 172988141982817.	1.3	35
4	Design and implementation of an interactive virtual control laboratory using haptic interface for undergraduate engineering students. Computer Applications in Engineering Education, 2016, 24, 508-518.	2.2	25
5	Nonlinear robust fault diagnosis of power plant gas turbine using Monte Carlo-based adaptive threshold approach. ISA Transactions, 2020, 100, 171-184.	3.1	25
6	Fault detection and isolation of gas turbine using series–parallel NARX model. ISA Transactions, 2022, 120, 205-221.	3.1	19
7	Finite-time convergence of perturbed nonlinear systems using adaptive barrier-function nonsingular sliding mode control with experimental validation. JVC/Journal of Vibration and Control, 2023, 29, 3326-3339.	1.5	12
8	Stable haptic rendering in interactive virtual control laboratory. Intelligent Service Robotics, 2018, 11, 289-300.	1.6	4
9	Unbalance fault localization in rotating machinery disks using EEMD and optimized multi-class SVM. , 2017, , .		2
10	Modeling and Control of an Air Levitation Ball and Pipe Laboratory Setup. , 2019, , .		2
11	Nonlinear model-based cardiac arrhythmia diagnosis using the optimization-based inverse problem solution. Biomedical Engineering Letters, 2022, 12, 205-215.	2.1	2
12	Temperature sensor fault diagnosing in heavy duty gas turbines using Laguerre network-based hierarchical fuzzy systems. , 2015, , .		1
13	Detection and Isolation of Unbalanced and Bearing Faults in Rotary Machinery Using Artificial Intelligence. , 2020, , .		1