

# Saeed Amirkhani

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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        |
| 2  | Fault detection and isolation of gas turbine using seriesâ€“parallel NARX model. ISA Transactions, 2022, 120, 205-221.   | 3.1 | 19        |
| 3  | Nonlinear model-based cardiac arrhythmia diagnosis using the optimization-based inverse problem solution. Biomedical Engineering Letters, 2022, 12, 205-215.   | 2.1 | 2         |
| 4  | 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        |
| 5  | Detection and Isolation of Unbalanced and Bearing Faults in Rotary Machinery Using Artificial Intelligence. , 2020, , .  |     | 1         |
| 6  | Fast terminal sliding mode tracking control of nonlinear uncertain massâ€“spring system with experimental verifications. International Journal of Advanced Robotic Systems, 2019, 16, 172988141982817.           | 1.3 | 35        |
| 7  | Modeling and Control of an Air Levitation Ball and Pipe Laboratory Setup. , 2019, , .  |     | 2         |
| 8  | A simulation model for transient behaviour of heavy-duty gas turbines. Applied Thermal Engineering, 2018, 132, 115-127.  | 3.0 | 37        |
| 9  | Stable haptic rendering in interactive virtual control laboratory. Intelligent Service Robotics, 2018, 11, 289-300.  | 1.6 | 4         |
| 10 | Unbalance fault localization in rotating machinery disks using EEMD and optimized multi-class SVM. , 2017, , .   |     | 2         |
| 11 | 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        |
| 12 | ANN and ANFIS models to predict the performance of solar chimney power plants. Renewable Energy, 2015, 83, 597-607.  | 4.3 | 89        |
| 13 | Temperature sensor fault diagnosing in heavy duty gas turbines using Laguerre network-based hierarchical fuzzy systems. , 2015, , .  |     | 1         |