Moussa Hamadache

List of Publications by Year
in descending order

16 papers	380 citations	1307366 7 h-index	1474057 9 g-index
16 all docs	16 docs citations	16 times ranked	402 citing authors

#	Article	IF	Citations
1	Development of a Novel Railway Positioning System Using RFID Technology. Sensors, 2022, 22, 2401.	2.1	7
2	Continuous Time Parameter Estimation Method for a Railway Track Switch Actuator. , 2022, , .		0
3	Real-Time Diagnostic Method of Gas Turbines Operating Under Transient Conditions in Hybrid Power Plants. Journal of Engineering for Gas Turbines and Power, 2020, 142, .	0.5	15
4	Railways Discovering Mechatronics and Monitoring - An Overview. IFAC-PapersOnLine, 2020, 53, 8488-8493.	0.5	1
5	A positive energy residual (PER) based planetary gear fault detection method under variable speed conditions. Mechanical Systems and Signal Processing, 2019, 117, 347-360.	4.4	37
6	A comprehensive review of artificial intelligence-based approaches for rolling element bearing PHM: shallow and deep learning. JMST Advances, 2019, 1, 125-151.	0.6	97
7	On the Nyquist Frequency of Random Sampled Signals. Applied Condition Monitoring, 2019, , 310-319.	0.4	0
8	Residual-based Fault Detection Method: Application to Railway Switch & Crossing (S&C) System. , 2019, , .		7
9	On the Fault Detection and Diagnosis of Railway Switch and Crossing Systems: An Overview. Applied Sciences (Switzerland), 2019, 9, 5129.	1.3	60
10	Vibration-Based Bearing Fault Detection and Diagnosis via Image Recognition Technique Under Constant and Variable Speed Conditions. Applied Sciences (Switzerland), 2018, 8, 1392.	1.3	19
11	Principal component analysis based signal-to-noise ratio improvement for inchoate faulty signals: Application to ball bearing fault detection. International Journal of Control, Automation and Systems, 2017, 15, 506-517.	1.6	43
12	Wind turbine main bearing fault detection via shaft speed signal analysis under constant load. , 2016, , .		6
13	Absolute Value Principal Components Analysis (AVPCA) and Parameter Estimation (PE) to bearing fault detection using rotor speed signal monitoring â€" A comparative study. , 2016, , .		2
14	Rotor Speed-Based Bearing Fault Diagnosis (RSB-BFD) Under Variable Speed and Constant Load. IEEE Transactions on Industrial Electronics, 2015, 62, 6486-6495.	5.2	81
15	Improving signal-to-noise ratio (SNR) for inchoate fault detection based on principal component analysis (PCA). , 2014, , .		3
16	Principal component analysis for 3D-manipulator robot control system. , 2012, , .		2