Achmad Widodo

List of Publications by Citations

27 papers	2,395 citations	15 h-index	27 g-index
27 ext. papers	2,796 ext. citations	4.1 avg, IF	5.21 L-index

#	Paper	IF	Citations
27	Support vector machine in machine condition monitoring and fault diagnosis. *Mechanical Systems and Signal Processing*, **2007**, 21, 2560-2574	7.8	846
26	Intelligent prognostics for battery health monitoring based on sample entropy. *Expert Systems With Applications*, **2011**, 38, 11763-11769	7.8	233
25	Fault diagnosis of low speed bearing based on relevance vector machine and support vector machine. *Expert Systems With Applications*, **2009**, 36, 7252-7261	7.8	221
24	Combination of independent component analysis and support vector machines for intelligent faults diagnosis of induction motors. *Expert Systems With Applications*, **2007**, 32, 299-312	7.8	219
23	Application of nonlinear feature extraction and support vector machines for fault diagnosis of induction motors. *Expert Systems With Applications*, **2007**, 33, 241-250	7.8	211
22	Application of relevance vector machine and logistic regression for machine degradation assessment. *Mechanical Systems and Signal Processing*, **2010**, 24, 1161-1171	7.8	171
21	Wavelet support vector machine for induction machine fault diagnosis based on transient current signal. *Expert Systems With Applications*, **2008**, 35, 307-316	7.8	96
20	Machine health prognostics using survival probability and support vector machine. *Expert Systems With Applications*, **2011**, 38, 8430-8437	7.8	81
19	Application of relevance vector machine and survival probability to machine degradation assessment. *Expert Systems With Applications*, **2011**, 38, 2592-2599	7.8	66
18	. *IEEE Transactions on Reliability*, **2011**, 60, 14-20	4.6	53
17	Intelligent fault diagnosis system of induction motor based on transient current signal. *Mechatronics*, **2009**, 19, 680-689	3	42
16	Fault diagnosis of low speed bearing based on acoustic emission signal and multi-class relevance vector machine. *Nondestructive Testing and Evaluation*, **2009**, 24, 313-328	2	37
15	Support Vector Machine for Machine Fault Diagnosis and Prognosis. *Journal of System Design and Dynamics*, **2008**, 2, 12-23		31
14	Combination of probability approach and support vector machine towards machine health prognostics. *Probabilistic Engineering Mechanics*, **2011**, 26, 165-173	2.6	27
13	Degradation Trend Estimation and Prognosis of Large Low Speed Slewing Bearing Lifetime. *Applied Mechanics and Materials*, **2014**, 493, 343-348	0.3	15
12	Evaluation of thermography image data for machine fault diagnosis. *Nondestructive Testing and Evaluation*, **2010**, 25, 231-247	2	15
11	Confirmation of Thermal Images and Vibration Signals for Intelligent Machine Fault Diagnostics. *International Journal of Rotating Machinery*, **2012**, 2012, 1-10	1.3	12

List of Publications

10	Effect of In-Shoe Foot Orthosis Contours on Heel Pain Due to Calcaneal Spurs. *Applied Sciences (Switzerland)*, **2019**, 9, 495	2.6	4
9	The effectiveness of raising the heel height of shoes to reduce heel pain in patients with calcaneal spurs. *Journal of Physical Therapy Science*, **2017**, 29, 2068-2074	1	4
8	Fault diagnosis of roller bearing using parameter evaluation technique and multi-class support vector machine **2017**,		3
7	SUMMARY OF THE RECENT DEVELOPED TECHNIQUES FOR MACHINE HEALTH PROGNOSTICS. *Rotasi*, **2014**, 16, 21	0.1	3
6	State of Health Estimation of Lithium-Ion Batteries Based on Combination of Gaussian Distribution Data and Least Squares Support Vector Machines Regression. *Materials Science Forum*, **2018**, 929, 93-102	0.4	2
5	Estimation of calcaneal loading during standing from human footprint depths using 3D scanner **2017**,		1
4	Vibration Gear Fault Diagnostics Technique Using Wavelet Support Vector Machine. *Applied Mechanics and Materials*, **2014**, 564, 182-188	0.3	1
3	Intelligent Bearing Diagnostics Using Wavelet Support Vector Machine. *Applied Mechanics and Materials*, **2014**, 493, 337-342	0.3	1
2	Image Histogram Features Based Thermal Image Retrieval to Pattern Recognition of Machine Condition **2010**, 943-949		0
1	Machine prognostics based on survival analysis and support vector machine **2010**, 937-942		