

# Ahmed Braham

## List of Publications by Year in descending order

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32  
papers

681  
citations

1162889

8  
h-index

1474057

9  
g-index

32  
all docs

32  
docs citations

32  
times ranked

733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-band Analysis for Enhancing Multiple Combined Fault Diagnosis. , 2021, , .		1
2	Robust Interpretable Deep Learning for Intelligent Fault Diagnosis of Induction Motors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3506-3515.	2.4	69
3	Fault Detection of VFD fed Induction Motor under Transient Conditions using Harmonic Wavelet Transform. IEEE Transactions on Instrumentation and Measurement, 2020, , 1-1.	2.4	20
4	Bearing Fault Severity Classification Based on EMD-KLD : A Comparative Study for Incipient Ball Faults. , 2020, , .		6
5	Incipient Broken Bar Detection Using Information Entropy of Second Generation Wavelet Transform. , 2020, , .		0
6	Intrinsic Mode Function Selection and Statistical Information Analysis for Bearing Ball Fault Detection. Studies in Systems, Decision and Control, 2020, , 111-135.	0.8	0
7	Multi-Fault Diagnosis of Induction Motors based on Adaptive Wavelet Packet Transform. , 2020, , .		2
8	VFD fed Induction Motor Fault Detection using Drive's data and Harmonic Wavelet Transform. , 2020, , .		0
9	Raised Cosine Filter Embedded in Stationary Wavelet Packet Transform for Induction Motor Fault Detection. , 2019, , .		5
10	Optimized SWPT and Decision Tree for Incipient Bearing Fault Diagnosis. , 2019, , .		10
11	A comparative Study for Ball Bearing Fault Classification Using Kernel-SVM with Kullback Leibler Divergence Selected Features. , 2019, , .		4
12	An On-Line Condition Monitoring System for Incipient Fault Detection in Double-Cage Induction Motor. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 1850-1858.	2.4	32
13	Nested SVDD in DAG SVM for induction motor condition monitoring. Engineering Applications of Artificial Intelligence, 2018, 71, 210-215.	4.3	36
14	Bearing Fault Detection Using Intrinsic Mode Functions Statistical Information. , 2018, , .		4
15	Bearings Ball Fault Detection Using Kullback Leibler Divergence in the EMD Framework. , 2018, , .		5
16	RSWPT for Induction Machine Fault Diagnosis Based on Transient Current Signal. , 2018, , .		0
17	Advanced Signal Processing Techniques for Bearing Fault Detection in Induction Motors. , 2018, , .		6
18	Classification of Bearing Fault Detection Using Multiclass SVM: A Comparative Study. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Distinct Bearing Faults Detection in Induction Motor by a Hybrid Optimized SWPT and aiNet-DAG SVM. IEEE Transactions on Energy Conversion, 2018, 33, 1692-1699.	3.7	58
20	Bearing fault detection of induction motor using SWPT and DAG support vector machines. , 2016, , .		19
21	ARM based RSWPT implementation for embedded condition monitoring of induction motor. , 2016, , .		7
22	Intelligent induction motor diagnosis system: A new challenge. , 2016, , .		5
23	Recursive Undecimated Wavelet Packet Transform and DAG SVM for Induction Motor Diagnosis. IEEE Transactions on Industrial Informatics, 2015, 11, 1059-1066.	7.2	96
24	Diagnosis of broken rotor bar in induction machines using pitch synchronous wavelet transform. , 2013, , .		2
25	Broken rotor bar diagnosis in induction machines through stationary wavelet packet transform and multiclass wavelet SVM. Electric Power Systems Research, 2013, 97, 151-157.	2.1	161
26	On the use of stationary wavelet packet transform and multiclass wavelet SVM for broken rotor bar detection. , 2012, , .		10
27	Broken rotor bar diagnosis in induction machines through Stationary Wavelet Packet Transform under lower sampling rate. , 2012, , .		4
28	INFLUENCE OF FAT CONTENT ON RHEOLOGICAL PROPERTIES OF MOLTEN ICE CREAM COMPOUND COATINGS AND THICKNESS OF SOLIDIFIED PRODUCTS. Journal of Food Process Engineering, 2011, 34, 144-159.	1.5	8
29	Recent Developments in Fault Detection and Power Loss Estimation of Electrolytic Capacitors. IEEE Transactions on Power Electronics, 2010, 25, 33-43.	5.4	105
30	Power loss estimation of electrolytic capacitor using genetic algorithm. , 2007, , .		1
31	Simulateur analogique temps réel des systèmes électrotechniques. Journal De Physique III, 1997, 7, 1701-1716.	0.3	1
32	Analogue real time emulation for power converters. , 0, , .		1