Guilherme Lucas

List of Publications by Year
in descending order

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16 papers	68 citations	1684188 5 h-index	1720034 7 g-index
16 all docs	16 docs citations	16 times ranked	58 citing authors

#	Article	IF	Citations
1	Three-phase induction motor loading estimation based on Wavelet Transform and low-cost piezoelectric sensors. Measurement: Journal of the International Measurement Confederation, 2020, 164, 107956.	5.0	20
2	A New Acoustic Emission-Based Approach for Supply Disturbances Evaluation in Three-Phase Induction Motors. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	13
3	Undervoltage Identification in Three Phase Induction Motor Using Low-Cost Piezoelectric Sensors and STFT Technique. Proceedings (mdpi), 2019, 42, .	0.2	6
4	A Comparative Analysis Applied to the Partial Discharges Identification in Dry-Type Transformers by Hall and Acoustic Emission Sensors. Sensors, 2022, 22, 1716.	3.8	6
5	Study of a Low-Cost Piezoelectric Sensor for Three Phase Induction Motor Load Estimation. Proceedings (mdpi), 2019, 4, 46.	0.2	5
6	An Application of Wavelet Analysis to Assess Partial Discharge Evolution by Acoustic Emission Sensor. , 0, , .		5
7	Detection and Phase Identification of Inter-Turn Short-Circuit Faults in Three-Phase Induction Motors Using MEMS Accelerometer and Hilbert Transform. , 2021, , .		3
8	Identification of Stator Winding Insulation Faults in Three-Phase Induction Motors Using MEMS Accelerometers. Proceedings (mdpi), 2019, 42, .	0.2	2
9	Stator Winding Fault Phase Identification Using Piezoelectric Sensors in Three-Phase Induction Motors. , 0, , .		2
10	Assessment of Partial Discharges Evolution in Bushing by Infrared Analysis. , 2021, 10, .		2
11	Study of a Three Phase Induction Motor Load Estimation System by Low-Cost Piezoelectric Sensor. , 2018, , .		1
12	Application of Torque Transducer and Rotary Encoder in a Hardware-in-the-Loop Wind Turbine Emulation. Proceedings (mdpi), 2020, 42, 55.	0.2	1
13	Measurement of Unbalanced Voltages in Three-Phase Induction Motors Using Acoustic Transducers and Zero-Crossing-Weighted Energy. , 2021, , .		1
14	Assessment of Rogowski Coils for Measurement of Full Discharges in Power Transformers. , 2021, 10, .		1
15	IdentificaÃ§Ã£o de Falhas em Rolamentos Aplicados em Motores de InduÃ§Ã£o por meio de Sensores de Corrente. , 2021, , .		0
16	Sensors Applied to Bearing Fault Detection in Three-Phase Induction Motors. , 2021, 10, .		0