

# Guilherme Lucas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6068454/publications.pdf>

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16  
papers

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citations

1684188

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58  
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#	ARTICLE	IF	CITATIONS
1	A Comparative Analysis Applied to the Partial Discharges Identification in Dry-Type Transformers by Hall and Acoustic Emission Sensors. <i>Sensors</i> , 2022, 22, 1716.	3.8	6
2	Identificação de Falhas em Rolamentos Aplicados em Motores de Indução por meio de Sensores de Corrente. , 2021, , .		0
3	Detection and Phase Identification of Inter-Turn Short-Circuit Faults in Three-Phase Induction Motors Using MEMS Accelerometer and Hilbert Transform. , 2021, , .		3
4	A New Acoustic Emission-Based Approach for Supply Disturbances Evaluation in Three-Phase Induction Motors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-10.	4.7	13
5	Measurement of Unbalanced Voltages in Three-Phase Induction Motors Using Acoustic Transducers and Zero-Crossing-Weighted Energy. , 2021, , .		1
6	Sensors Applied to Bearing Fault Detection in Three-Phase Induction Motors. , 2021, 10, .		0
7	Assessment of Partial Discharges Evolution in Bushing by Infrared Analysis. , 2021, 10, .		2
8	Assessment of Rogowski Coils for Measurement of Full Discharges in Power Transformers. , 2021, 10, .		1
9	Application of Torque Transducer and Rotary Encoder in a Hardware-in-the-Loop Wind Turbine Emulation. <i>Proceedings (mdpi)</i> , 2020, 42, 55.	0.2	1
10	Three-phase induction motor loading estimation based on Wavelet Transform and low-cost piezoelectric sensors. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 164, 107956.	5.0	20
11	Study of a Low-Cost Piezoelectric Sensor for Three Phase Induction Motor Load Estimation. <i>Proceedings (mdpi)</i> , 2019, 4, 46.	0.2	5
12	Identification of Stator Winding Insulation Faults in Three-Phase Induction Motors Using MEMS Accelerometers. <i>Proceedings (mdpi)</i> , 2019, 42, .	0.2	2
13	Undervoltage Identification in Three Phase Induction Motor Using Low-Cost Piezoelectric Sensors and STFT Technique. <i>Proceedings (mdpi)</i> , 2019, 42, .	0.2	6
14	Study of a Three Phase Induction Motor Load Estimation System by Low-Cost Piezoelectric Sensor. , 2018, , .		1
15	Stator Winding Fault Phase Identification Using Piezoelectric Sensors in Three-Phase Induction Motors. , 0, , .		2
16	An Application of Wavelet Analysis to Assess Partial Discharge Evolution by Acoustic Emission Sensor. , 0, , .		5