

Minh-Quang Tran

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

990
citations

567281

15
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

541
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning-Based Industry 4.0 and Internet of Things towards Effective Energy Management for Smart Buildings. <i>Sensors</i> , 2021, 21, 1038.	3.8	103
2	Effective IoT-based deep learning platform for online fault diagnosis of power transformers against cyberattacks and data uncertainties. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 190, 110686.	5.0	101
3	Experimental Setup for Online Fault Diagnosis of Induction Machines via Promising IoT and Machine Learning: Towards Industry 4.0 Empowerment. <i>IEEE Access</i> , 2021, 9, 115429-115441.	4.2	79
4	Robust Design of ANFIS-Based Blade Pitch Controller for Wind Energy Conversion Systems Against Wind Speed Fluctuations. <i>IEEE Access</i> , 2021, 9, 37894-37904.	4.2	77
5	Towards Secured Online Monitoring for Digitalized GIS Against Cyber-Attacks Based on IoT and Machine Learning. <i>IEEE Access</i> , 2021, 9, 78415-78427.	4.2	69
6	Milling chatter detection using scalogram and deep convolutional neural network. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 1505-1516.	3.0	68
7	Reliable Deep Learning and IoT-Based Monitoring System for Secure Computer Numerical Control Machines Against Cyber-Attacks With Experimental Verification. <i>IEEE Access</i> , 2022, 10, 23186-23197.	4.2	67
8	Effective multi-sensor data fusion for chatter detection in milling process. <i>ISA Transactions</i> , 2022, 125, 514-527.	5.7	60
9	Effective feature selection with fuzzy entropy and similarity classifier for chatter vibration diagnosis. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 184, 109962.	5.0	57
10	Development of an IoT Architecture Based on a Deep Neural Network against Cyber Attacks for Automated Guided Vehicles. <i>Sensors</i> , 2021, 21, 8467.	3.8	57
11	Robust Model Predictive Control Paradigm for Automatic Voltage Regulators against Uncertainty Based on Optimization Algorithms. <i>Mathematics</i> , 2021, 9, 2885.	2.2	55
12	Tool wear monitoring and prediction based on sound signal. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 3361-3373.	3.0	52
13	Hybrid model- and signal-based chatter detection in the milling process. <i>Journal of Mechanical Science and Technology</i> , 2020, 34, 1-10.	1.5	38
14	Effective Fault Diagnosis Based on Wavelet and Convolutional Attention Neural Network for Induction Motors. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-13.	4.7	36
15	Fusion of Vibration and Current Signatures for the Fault Diagnosis of Induction Machines. <i>Shock and Vibration</i> , 2019, 2019, 1-17.	0.6	19
16	Chatter Detection in Milling Process Based on Time-Frequency Analysis. , 2017, , .		12
17	Adaptive Pulsatile Plane for Robust Noncontact Heart Rate Monitoring. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5587-5599.	9.3	11
18	Estimation of Process Damping Coefficient Using Dynamic Cutting Force Model. <i>International Journal of Precision Engineering and Manufacturing</i> , 2020, 21, 623-632.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Wind Farm Fault Detection by Monitoring Wind Speed in the Wake Region. <i>Energies</i> , 2020, 13, 6559.	3.1	9
20	Intelligent Non-Invasive Vital Signs Estimation From Image Analysis. , 2020, , .		4
21	Chatter Identification in End Milling Process Based on Cutting Force Signal Processing. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 654, 012001.	0.6	3
22	Adaptive Energy Management in Microgrid Based on New Training Strategy for ANFIS. <i>Lecture Notes in Networks and Systems</i> , 2022, , 142-149.	0.7	1
23	Color Distortion Removal for Heart Rate Monitoring in Fitness Scenario. , 2019, , .		0
24	Development of Navigation System for Path Planning of Autonomous Cleaning Robot. , 2021, , .		0
25	Reliable IoT Architecture for Smart Mask Detection System Using a Developed Deep Learning Algorithm Against Covid-19. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0