

# Minh-Quang Tran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5663695/publications.pdf>

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	Effective multi-sensor data fusion for chatter detection in milling process. ISA Transactions, 2022, 125, 514-527.	5.7	60
2	Effective Fault Diagnosis Based on Wavelet and Convolutional Attention Neural Network for Induction Motors. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	36
3	Adaptive Energy Management in Microgrid Based on New Training Strategy for ANFIS. Lecture Notes in Networks and Systems, 2022, , 142-149.	0.7	1
4	Effective IoT-based deep learning platform for online fault diagnosis of power transformers against cyberattacks and data uncertainties. Measurement: Journal of the International Measurement Confederation, 2022, 190, 110686.	5.0	101
5	Reliable Deep Learning and IoT-Based Monitoring System for Secure Computer Numerical Control Machines Against Cyber-Attacks With Experimental Verification. IEEE Access, 2022, 10, 23186-23197.	4.2	67
6	Adaptive Pulsatile Plane for Robust Noncontact Heart Rate Monitoring. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5587-5599.	9.3	11
7	Experimental Setup for Online Fault Diagnosis of Induction Machines via Promising IoT and Machine Learning: Towards Industry 4.0 Empowerment. IEEE Access, 2021, 9, 115429-115441.	4.2	79
8	Towards Secured Online Monitoring for Digitalized GIS Against Cyber-Attacks Based on IoT and Machine Learning. IEEE Access, 2021, 9, 78415-78427.	4.2	69
9	Deep Learning-Based Industry 4.0 and Internet of Things towards Effective Energy Management for Smart Buildings. Sensors, 2021, 21, 1038.	3.8	103
10	Effective feature selection with fuzzy entropy and similarity classifier for chatter vibration diagnosis. Measurement: Journal of the International Measurement Confederation, 2021, 184, 109962.	5.0	57
11	Robust Design of ANFIS-Based Blade Pitch Controller for Wind Energy Conversion Systems Against Wind Speed Fluctuations. IEEE Access, 2021, 9, 37894-37904.	4.2	77
12	Robust Model Predictive Control Paradigm for Automatic Voltage Regulators against Uncertainty Based on Optimization Algorithms. Mathematics, 2021, 9, 2885.	2.2	55
13	Development of Navigation System for Path Planning of Autonomous Cleaning Robot. , 2021, , .		0
14	Development of an IoT Architecture Based on a Deep Neural Network against Cyber Attacks for Automated Guided Vehicles. Sensors, 2021, 21, 8467.	3.8	57
15	Estimation of Process Damping Coefficient Using Dynamic Cutting Force Model. International Journal of Precision Engineering and Manufacturing, 2020, 21, 623-632.	2.2	10
16	Intelligent Non-Invasive Vital Signs Estimation From Image Analysis. , 2020, , .		4
17	Wind Farm Fault Detection by Monitoring Wind Speed in the Wake Region. Energies, 2020, 13, 6559.	3.1	9
18	Milling chatter detection using scalogram and deep convolutional neural network. International Journal of Advanced Manufacturing Technology, 2020, 107, 1505-1516.	3.0	68

#	ARTICLE	IF	CITATIONS
19	Hybrid model- and signal-based chatter detection in the milling process. Journal of Mechanical Science and Technology, 2020, 34, 1-10.	1.5	38
20	Fusion of Vibration and Current Signatures for the Fault Diagnosis of Induction Machines. Shock and Vibration, 2019, 2019, 1-17.	0.6	19
21	Tool wear monitoring and prediction based on sound signal. International Journal of Advanced Manufacturing Technology, 2019, 103, 3361-3373.	3.0	52
22	Chatter Identification in End Milling Process Based on Cutting Force Signal Processing. IOP Conference Series: Materials Science and Engineering, 2019, 654, 012001.	0.6	3
23	Color Distortion Removal for Heart Rate Monitoring in Fitness Scenario. , 2019, , .		0
24	Chatter Detection in Milling Process Based on Time-Frequency Analysis. , 2017, , .		12
25	Reliable IoT Architecture for Smart Mask Detection System Using a Developed Deep Learning Algorithm Against Covid-19. SSRN Electronic Journal, 0, , .	0.4	0