Gopi Tilak Vesala

List of Publications by Year
in descending order

		1937685	1588992
19	**69**	**4**	**8**
papers	citations	h-index	g-index
21	**21**	**21**	**32**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Convolution Neural Networks Based Automatic Subsurface Anomaly Detection and Characterization in Quadratic Frequency Modulated Thermal Wave Imaging. SN Computer Science, 2022, 3, 1.	3.6	1
2	A Thermographic System for Quantitative and Automated Subsurface Detail Visualization. Lecture Notes in Mechanical Engineering, 2021, , 27-39.	0.4	0
3	Automatic Defect Detection and Depth Visualization in Mild Steel Sample Using Quadratic Frequency Modulated Thermal Wave Imaging. Journal of Physics: Conference Series, 2021, 1804, 012173.	0.4	0
4	Proximity based automatic defect detection in quadratic frequency modulated thermal wave imaging. Infrared Physics and Technology, 2021, 114, 103674.	2.9	10
5	Deep and Handcrafted Feature Fusion for Automatic Defect Detection in Quadratic Frequency Modulated Thermal Wave Imaging. Russian Journal of Nondestructive Testing, 2021, 57, 476-485.	0.9	10
6	Deep Learning in Quadratic Frequency Modulated Thermal Wave Imaging for Automatic Defect Detection. Lecture Notes in Electrical Engineering, 2021, , 433-442.	0.4	0
7	Material characterisation by enhanced resolution in non-stationary thermal wave imaging. Insight: Non-Destructive Testing and Condition Monitoring, 2021, 63, 721-726.	0.6	5
8	Enhanced Subsurface Analysis Using Proper Orthogonal Decomposition in Nonstationary Thermal Wave Imaging. Russian Journal of Nondestructive Testing, 2021, 57, 1027-1038.	0.9	1
9	Diagnosis of Osteoporosis using Barker Coded Thermal Wave Imaging. International Journal of Pharmaceutical Research (discontinued), 2020, 12, .	0.1	1
10	Artificial neural networks based quantitative evaluation of subsurface anomalies in quadratic frequency modulated thermal wave imaging. Infrared Physics and Technology, 2019, 97, 108-115.	2.9	30
11	Fuzzy C-Means Clustering Based Anomalies Detection in Quadratic Frequency Modulated Thermal Wave Imaging. International Journal of Recent Technology and Engineering, 2019, 8, 4047-4051.	0.2	2
12	A Machine Learning based Approach for Defect Detection and Characterization in Non-Linear Frequency Modulated Thermal Wave Imaging. International Journal of Emerging Trends in Engineering Research, 2019, 7, 517-522.	0.2	3
13	Bartlett Windowed Quadratic Frequency Modulated Thermal Wave Imaging. International Journal of Emerging Trends in Engineering Research, 2019, 7, 512-516.	0.2	0
14	Numerical Simulation of Non-Destructive Characterization of CFRP Composite Through Frequency Modulated Thermal wave Imaging. International Journal of Recent Technology and Engineering, 2019, 8, 9754-9757.	0.2	0
15	Passive Object Tracking Using MGEKF Algorithm. Advances in Intelligent Systems and Computing, 2018, , 277-287.	0.6	3
16	Pendulum state estimation using nonlinear state estimators. International Journal of Engineering and Technology(UAE), 2018, 7, 9.	0.3	0
17	Tracking of pendulum by particle smoother. International Journal of Engineering and Technology(UAE), 2018, 7, 142.	0.3	1
18	Tracking of pendulum using particle filter with residual resampling. International Journal of Engineering and Technology(UAE), 2018, 7, 12.	0.3	0

#	Article	IF	Citations
19	Dual and joint estimation for speech enhancement. International Journal of Engineering and Technology(UAE), 2018, 7, 5.	0.3	1