

Gopi Tilak Vesala

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

69
citations

1937685

4
h-index

1588992

8
g-index

21
all docs

21
docs citations

21
times ranked

32
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Deep Learning in Quadratic Frequency Modulated Thermal Wave Imaging for Automatic Defect Detection. Lecture Notes in Electrical Engineering, 2021, , 433-442.	0.4	0