

Kumar Anubhav Tiwari

List of Publications by Year in descending order

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papers

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16
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16
docs citations

16
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of microbubble side-scattering signal analysis for efficient cavitation dosimetry. Biomedical Signal Processing and Control, 2021, 63, 102235.	5.7	0
2	A Novel Defect Estimation Approach in Wind Turbine Blades Based on Phase Velocity Variation of Ultrasonic Guided Waves. Sensors, 2021, 21, 4879.	3.8	10
3	Diagnostics of Melanocytic Skin Tumours by a Combination of Ultrasonic, Dermatoscopic and Spectrophotometric Image Parameters. Diagnostics, 2020, 10, 632.	2.6	11
4	Analysis of Wave Patterns Under the Region of Macro-Fiber Composite Transducer to Improve the Analytical Modelling for Directivity Calculation in Isotropic Medium. Sensors, 2020, 20, 2280.	3.8	2
5	Defect Estimation in Non-Destructive Testing of Composites by Ultrasonic Guided Waves and Image Processing. Electronics (Switzerland), 2019, 8, 315.	3.1	10
6	Refinement of defect detection in the contact and non-contact ultrasonic non-destructive testing of wind turbine blade using guided waves. Procedia Structural Integrity, 2018, 13, 1566-1570.	0.8	5
7	Identification and Characterization of Defects in Glass Fiber Reinforced Plastic by Refining the Guided Lamb Waves. Materials, 2018, 11, 1173.	2.9	28
8	2D Analytical Model for the Directivity Prediction of Ultrasonic Contact Type Transducers in the Generation of Guided Waves. Sensors, 2018, 18, 987.	3.8	10
9	Post-processing of ultrasonic signals for the analysis of defects in wind turbine blade using guided waves. Journal of Strain Analysis for Engineering Design, 2018, 53, 546-555.	1.8	19
10	Investigation of the 3D displacement characteristics for a macro-fiber composite transducer (MFC-P1). Materiali in Tehnologije, 2018, 52, 235-239.	0.5	4
11	Signal processing methods to improve the Signal-to-noise ratio (SNR) in ultrasonic non-destructive testing of wind turbine blade. Procedia Structural Integrity, 2017, 5, 1184-1191.	0.8	27
12	Development of a 2D analytical model for the prediction of directivity pattern of transducers in the generation of guided wave modes. Procedia Structural Integrity, 2017, 5, 973-980.	0.8	5
13	Hybrid Signal Processing Technique to Improve the Defect Estimation in Ultrasonic Non-Destructive Testing of Composite Structures. Sensors, 2017, 17, 2858.	3.8	60
14	Efficient FPGA-based FIR " architecture and its significance in ultrasonic signal processing. Journal of Vibroengineering, 2017, 19, 6423-6432.	1.0	1
15	FPGA BASED ENCRYPTION DESIGN USING VHDL. International Journal of Research in Engineering and Technology, 2014, 03, 148-151.	0.1	0
16	COMPARATIVE ANALYSIS OF NON-CONTACT ULTRASONIC METHODS FOR DEFECT ESTIMATION OF COMPOSITES IN REMOTE AREAS. CBU International Conference Proceedings, 0, 4, 846-851.	0.0	12