



Research in Nondestructive Evaluation has a 2010 Impact Factor of 0.480!

Now you can read the most-cited articles from 2008-2010 for free.

© 2011 Thomson Reuters,
2010 Journal Citation Reports®

C. Ibarra-Castanedo, J.-M. Piau, S. Guilbert, et al., [Comparative Study of Active Thermography Techniques for the Nondestructive Evaluation of Honeycomb Structures](#) Volume 20, Issue 1, pp. 1-31.

S. K. Burke, R. J. Ditchburn, [Mutual Impedance of Planar Eddy-Current Driver-pickup Spiral Coils](#) Volume 19, Issue 1, pp. 1-19.

A. Zagrai, D. Donskoy, A. Chudnovsky, et al., [Micro- and Macroscale Damage Detection Using the Nonlinear Acoustic Vibro-Modulation Technique](#) Volume 19, Issue 2, pp. 104-128.

M. Bilgehan, P. Turgut, [Artificial Neural Network Approach to Predict Compressive Strength of Concrete through Ultrasonic Pulse Velocity](#) Volume 21, Issue 1, pp.1-17.

G. Yang, G. Y. Tian, P. W. Que, et al., [Independent Component Analysis-Based Feature Extraction Technique for Defect Classification Applied for Pulsed Eddy Current NDE](#) Volume 20, Issue 4, pp. 230-245.

H. Jeong, L. W. Schmerr Jr., [Ultrasonic Transducer Fields Modeled with a Modular Multi-Gaussian Beam and Application to a Contact Angle Beam Testing](#) Volume 19, Issue 2, pp. 87-103.

L. Satyanarayan, K. V. Mohan, C. V. Krishnamurthy, et al., [Finite Difference Time Domain Simulation of Ultrasonic Phased Array Sector Scan for Imaging Cracks in Large Pipes, Elbows, and Tee Sections](#) Volume 19, Issue 2, pp. 61-86.

K. Belli, H. Zhan, S. Wadia-Fascetti, et al., [Comparison of the Accuracy of 2D vs. 3D FDTD Air-Coupled GPR Modeling of Bridge Deck Deterioration](#) Volume 20, Issue 2, pp. 94-115.

C. H. Gur, M. Ozer, M. Erdogan, [Investigation of the Variations in Microstructure and Mechanical Properties of Dual-Matrix Ductile Iron by Magnetic Barkhausen Noise Analysis](#) Volume 19, Issue 1, pp. 44-60.

I. Solodov, K. Pfeleiderer, D. Doring, et al., [Nondestructive Evaluation of Anisotropy in Composite Materials Via Acoustic Birefringence](#) Volume 19, Issue 3, pp. 129-143.



Taylor & Francis Group
an informa business