

Tarek Boutkedjirt

List of Publications by Year in descending order

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21
papers

189
citations

1040056

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h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed laser deposition of piezoelectric ZnO thin films for bulk acoustic wave devices. Applied Surface Science, 2014, 288, 572-578.	6.1	50
2	Propagation of ultrasonic waves in materials under bending forces. NDT and E International, 2005, 38, 283-289.	3.7	19
3	Reconstruction of ultrasonic fields by deconvolving the hydrophone aperture effects. Ultrasonics, 2002, 39, 631-639.	3.9	18
4	Characterization of the Critically Refracted Longitudinal (L_{CR}) Waves and Their Use in Defect Detection. Research in Nondestructive Evaluation, 2014, 25, 203-217.	1.1	18
5	Optimal pump excitation frequency for improvement of damage detection by nonlinear vibro acoustic modulation method in a multiple scattering sample. Applied Acoustics, 2019, 155, 222-231.	3.3	14
6	Reconstruction of ultrasonic fields by deconvolving the hydrophone aperture effects II. Experiment. Ultrasonics, 2002, 39, 641-648.	3.9	13
7	Improvement of the lateral resolution of finite-size hydrophones by deconvolution. Ultrasonics, 2000, 38, 745-748.	3.9	11
8	Theoretical and experimental study of the ultrasonic attenuation in bovine cancellous bone. Applied Acoustics, 2017, 115, 50-60.	3.3	11
9	Ultrasonic characterization of edible oils using a generalized fractional model. Applied Acoustics, 2018, 131, 70-78.	3.3	11
10	Ultrasonic assessment of olive oil mixtures properties. , 2016, , .		4
11	Tomographic Image Reconstruction in the Case of Limited Number of X-Ray Projections Using Sinogram Inpainting. Russian Journal of Nondestructive Testing, 2019, 55, 542-548.	0.9	4
12	Optimal Stochastic Excitation for Linear Flaw Detection in a Solid Material. Lecture Notes in Computer Science, 2019, , 229-236.	1.3	4
13	Application of Inverse Methods for Spatial Deconvolution of Pulsed Ultrasound Fields Radiated in Solids. Materials Science Forum, 0, 636-637, 1541-1547.	0.3	3
14	Experimental Investigation of the Parameters Influencing the Surface Defect Detection by Using the Critically Refracted Longitudinal Waves. Russian Journal of Nondestructive Testing, 2021, 57, 55-60.	0.9	3
15	Electromechanical response simulation of Film Bulk Acoustic wave resonator. , 2012, , .		2
16	One-dimensional parametric study of damage detection in a solid material using a Nonlinear Wave Modulation Spectroscopy (NWMS) technique. , 2015, , .		2
17	X-Rays Tomographic Reconstruction Images using Proximal Methods based on L 1 Norm and TV Regularization. Procedia Computer Science, 2018, 127, 236-245.	2.0	2
18	Simulation and Experimental Measurement of Ultrasonic Waves Propagation Velocity in Trabecular Bone. Advanced Materials Research, 0, 418-420, 765-771.	0.3	0

#	ARTICLE	IF	CITATIONS
19	PLD elaboration of piezoelectric ZnO thin film for 540 MHz Al/ZnO/Pt bulk acoustic wave resonator. , 2013, , .		0
20	Optimization of Bifrequential Pump Excitation Parameters by Genetic Algorithm in Nonlinear Vibro Acoustic Wave Modulation Technique. , 2019, , .		0
21	Defects Localization by a Temporal Maximum A Posteriori Deconvolution Method of Ultrasonic Signals. , 2019, , .		0