Bachir Boudraa

List of Publications by Year
in descending order

		1163117	1125743
26	226	8	13
papers	citations	h-index	g-index
26	26	26	185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Compressed Sensing-Speech Coding Scheme for Mobile Communications. Circuits, Systems, and Signal Processing, 2021, 40, 5106-5126.	2.0	13
2	Adjustable audio watermarking algorithm based on DWPT and psychoacoustic modeling. Multimedia Tools and Applications, 2018, 77, 11693-11725.	3.9	9
3	Sparse Representations to Replace TOFD Images in Non-destructive Testing of Materials. Journal of Nondestructive Evaluation, 2017, 36, 1.	2.4	2
4	Low complexity forward error correction for CELP-type speech coding over erasure channel transmission. International Journal of Speech Technology, 2016, 19, 717-730.	2.2	1
5	A Dynamic FEC for Improved Robustness of CELP-Based Codec. Lecture Notes in Computer Science, 2016, , 14-23.	1.3	0
6	Erosion technique to ultrasonic data reduction in material inspection. , 2016, , .		0
7	Fully automated speaker identification and intelligibility assessment in dysarthria disease using auditory knowledge. Biocybernetics and Biomedical Engineering, 2016, 36, 233-247.	5.9	34
8	Bat inspired optimization approach for audio watermarking algorithm. , 2015, , .		0
9	Intelligent audio watermarking algorithm using Multi-objective Particle Swarm Optimization. , 2015, , .		3
10	Optimized audio watermarking scheme with swarm intelligence. , 2015, , .		1
11	New secure and robust audio watermarking algorithm based on QR factorization in wavelet domain. International Journal of Wavelets, Multiresolution and Information Processing, 2015, 13, 1550020.	1.3	4
12	Ultrasonic Data Compression and Analysis During Material Inspection. IFIP Advances in Information and Communication Technology, 2015, , 168-176.	0.7	0
13	SOFTWARE/HARDWARE CO-DESIGN OF MODULAR EXPONENTIATION FOR EFFICIENT RSA CRYPTOSYSTEM. Journal of Circuits, Systems and Computers, 2014, 23, 1450032.	1.5	14
14	Digital watermarking in audio for copyright protection. , 2014, , .		8
15	MUltimicrophone source localization data base (MUSLOD). , 2014, , .		1
16	Artificial intelligence for help in decision making during non Destructive Testing of Materials. , 2014, , .		2
17	Mathematical morphology for TOFD image analysis and automatic crack detection. Ultrasonics, 2014, 54, 1642-1648.	3.9	55
18	Improved packets loss concealment in speech coding by data hiding. , 2014, , .		2

#	Article	IF	Citations
19	Neural Networks to Select Ultrasonic Data in Non Destructive Testing. Studies in Computational Intelligence, 2013, , 205-210.	0.9	3
20	Secure and robust audio watermarking system for copyright protection. , 2012, , .		4
21	A method to improve and automate flat defect detection during ultrasonic inspection. International Journal of Adaptive Control and Signal Processing, 2012, 26, 375-383.	4.1	7
22	A Robust Distributed Speech Recognition in Mobile Communications. , 2011, , .		2
23	Automatic Crack Detection and Characterization DuringÂUltrasonic Inspection. Journal of Nondestructive Evaluation, 2010, 29, 169-174.	2.4	42
24	Feature Combination Using Multiple Spectral Cues for Robust Speech Recognition in Mobile Communications. , 2009, , .		0
25	A noise-robust front-end for distributed speech recognition inÂmobile communications. International Journal of Speech Technology, 2007, 10, 167-173.	2.2	8
26	Optimized trellis coded vector quantization of LSF parameters, application to the 4.8kbps FS1016 speech coder. Signal Processing, 2005, 85, 1675-1694.	3.7	11