Abdeldjalil ouahabi

List of Publications by Year in Descending Order

36 papers	**431** citations
12 h-index	**20** g-index
51 ext. papers	**788** ext. citations
2.6 avg, IF	**5.07** L-index

#	Paper	IF	Citations
36	Image Denoising Using a Compressive Sensing Approach Based on Regularization Constraints.. *Sensors*, **2022**, 22,	3.8	17
35	Grade Prediction Modeling in Hybrid Learning Environments for Sustainable Engineering Education. *Sustainability*, **2022**, 14, 5205	3.6	5
34	Face Presentation Attack Detection Using Deep Background Subtraction. *Sensors*, **2022**, 22, 3760	3.8	0
33	Deep learning for real-time semantic segmentation: Application in ultrasound imaging. *Pattern Recognition Letters*, **2021**, 144, 27-34	4.7	42
32	Synchronous E-learning in Higher Education during the COVID-19 Pandemic **2021**,		4
31	Compressed Sensing-Speech Coding Scheme for Mobile Communications. *Circuits, Systems, and Signal Processing*, **2021**, 40, 5106-5126	2.2	4
30	Optimization of the Biomethane Production Process by Anaerobic Digestion of Wheat Straw Using Chemical Pretreatments Coupled with Ultrasonic Disintegration. *Sustainability*, **2021**, 13, 7202	3.6	6
29	Bone microarchitecture characterization based on fractal analysis in spatial frequency domain imaging. *International Journal of Imaging Systems and Technology*, **2021**, 31, 141-159	2.5	2
28	Concrete Cracks Detection and Monitoring Using Deep Learning-Based Multiresolution Analysis. *Electronics (Switzerland)*, **2021**, 10, 1772	2.6	9
27	Automatic Pain Estimation from Facial Expressions: A Comparative Analysis Using Off-the-Shelf CNN Architectures. *Electronics (Switzerland)*, **2021**, 10, 1926	2.6	7
26	Ear Recognition Based on Deep Unsupervised Active Learning. *IEEE Sensors Journal*, **2021**, 21, 20704-20713	4	20
25	Wavelet-based multiresolution analysis coupled with deep learning to efficiently monitor cracks in concrete. *Frattura Ed Integrita Strutturale*, **2021**, 15, 33-47	0.9	4
24	Multi-Block Color-Binarized Statistical Images for Single-Sample Face Recognition. *Sensors*, **2021**, 21,	3.8	22
23	OLIMP: A Heterogeneous Multimodal Dataset for Advanced Environment Perception. *Electronics (Switzerland)*, **2020**, 9, 560	2.6	17
22	Remote Knowledge Acquisition and Assessment During the COVID-19 Pandemic. *International Journal of Engineering Pedagogy*, **2020**, 10, 120	1.3	26
21	Past, Present, and Future of Face Recognition: A Review. *Electronics (Switzerland)*, **2020**, 9, 1188	2.6	78
20	A new way to enhance speech signal based on compressed sensing. *Measurement: Journal of the International Measurement Confederation*, **2020**, 151, 107117	4.6	19

(-2019)

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19	Medical Video Coding Based on 2nd-Generation Wavelets: Performance Evaluation. *Electronics (Switzerland)*, **2019**, 8, 88	2.6	29
18	New mobile communication system design for Rayleigh environments based on compressed sensing-source coding. *IET Communications*, **2019**, 13, 2375-2385	1.3	9
17	Compressed Sensing Investigation in an End-to-End Rayleigh Communication System: Speech Compression **2018**,		2
16	Nonparametric Denoising Methods Based on Contourlet Transform with Sharp Frequency Localization: Application to Low Exposure Time Electron Microscopy Images. *Entropy*, **2015**, 17, 3461-3478	2.8	36
15	A review of wavelet denoising in medical imaging **2013**,		15
14	Discrete Wavelet Transform-Based Multifractal Analysis **2013**, 135-224		1
13	Image Denoising Using Wavelets: Application in Medical Imaging **2013**, 287-313		1
12	Introduction to the special issue on Signals and Systems: Tools and Emerging Technologies. *Analog Integrated Circuits and Signal Processing*, **2011**, 69, 1-2	1.2	4
11	Multifractal analysis for texture characterization: A new approach based on DWT **2010**,		9
10	Analytical formulation of the fractal dimension of filtered stochastic signals. *Signal Processing*, **2010**, 90, 2690-2697	4.4	14
9	Wavelet-Based Multifractal Identification of Fracture Stages **2009**, 513-522		2
8	Wavelet based Multifractal Analysis in Fractography **2008**,		2
7	Suivi de fissuration de matériaux par thermographie. *Comptes Rendus - Mecanique*, **2008**, 336, 677-683	2.1	4
6	Second Harmonic Coefficient of Nonlinearity for Ultrasound Contrast Agent **2002**, 401-406		
5	Non-Stationary Parametric Spectral Estimation for Ultrasound Attenuation. *Acoustical Imaging*, **1997**, 53-59		1
4	Multi-Pulse L.P.C. Analysis of Speech and Seismic Signals **1988**, 229-235		
3	Cerebral Microembolism Synchronous Detection with Wavelet Packets245-287		3
2	Introduction to Multiresolution Analysis1-133		1

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