Mladen Russo

List of Publications by Year
in descending order

26 papers	349 citations	1040056 9 h-index	1058476 14 g-index
26 all docs	26 docs citations	26 times ranked	288 citing authors

#	Article	IF	Citations
1	Emotion Recognition Using a Reduced Set of EEG Channels Based on Holographic Feature Maps. Sensors, 2022, 22, 3248.	3.8	18
2	The Effect of Latent Space Dimension on the Quality of Synthesized Human Face Images. Journal of Communications Software and Systems, 2021, 17, 124-133.	0.8	7
3	Emotion recognition based on EEG feature maps through deep learning network. Engineering Science and Technology, an International Journal, 2021, 24, 1442-1454.	3.2	75
4	Using Neural Networks for Bicycle Route Planning. Applied Sciences (Switzerland), 2021, 11, 10065.	2.5	1
5	Free-Field TDOA-AOA Sound Source Localization Using Three Soundfield Microphones. IEEE Access, 2020, 8, 87749-87761.	4.2	24
6	Cochleogram-based approach for detecting perceived emotions in music. Information Processing and Management, 2020, 57, 102270.	8.6	17
7	A Dynamic Gesture Recognition Interface for Smart Home Control based on Croatian Sign Language. Applied Sciences (Switzerland), 2020, 10, 2300.	2.5	12
8	Using Cutaneous Receptor Vibration to Uncover the Effect of Transcranial Magnetic Stimulation (TMS) on Motor Cortical Excitability. Medical Science Monitor, 2020, 26, e923166.	1.1	1
9	Evaluation of Generative Adversarial Network for Human Face Image Synthesis. , 2020, , .		2
10	Cochlea-inspired speech recognition interface. Medical and Biological Engineering and Computing, 2019, 57, 1393-1403.	2.8	0
11	Robust Cochlear-Model-Based Speech Recognition. Computers, 2019, 8, 5.	3.3	12
12	Soundscape of an Archaeological Site Recreated with Audio Augmented Reality. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-22.	4.3	19
13	Wearable Emotion Recognition System based on GSR and PPG Signals. , 2017, , .		50
14	Emotion classification using linear predictive features on wavelet-decomposed EEG data. , 2017, , .		6
15	Cochlea-based Features for Music Emotion Classification. , 2017, , .		1
16	Wearable technologies for smart environments: A review with emphasis on BCI. , 2016, , .		9
17	Scene Text Extraction in IHLS Color Space Using Support Vector Machine. Information Technology and Control, 2015, 44, .	2.1	3
18	Fingerprinting based localization in heterogeneous wireless networks. Expert Systems With Applications, 2014, 41, 6738-6747.	7.6	28

#	Article	IF	Citations
19	Improved Linearized Combinatorial Model (ILCM) for optimal frame size selection in ALOHA-based RFID systems. , 2013, , .		2
20	Probabilistic modeling of harvested GSM energy and its application in extending UHF RFID tags reading range. Journal of Electromagnetic Waves and Applications, 2013, 27, 473-484.	1.6	17
21	Biophysical Cochlear Model: Time-Frequency Analysis and Signal Reconstruction. Acta Acustica United With Acustica, 2011, 97, 632-640.	0.8	3
22	ASR Assisted Speech Transcription in Sensor Networks. , 2008, , .		0
23	Location Determination in Indoor Environment based on RSS Fingerprinting and Artificial Neural Network. , 2007, , .		31
24	Adaptive Noise Cancellation Based on Neural Network. , 2006, , .		10
25	Iterative Object Reconstruction from the Limited Spectrum Based on Soft Approach. , 2006, , .		0
26	Memory reduction and image quality enhancement method for classified vector quantization. , 2003, , .		1