

Giorgos Giannakakis

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,153
citations

1039880

9
h-index

839398

18
g-index

47
all docs

47
docs citations

47
times ranked

1062
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Psychological Stress Detection Using Biosignals. IEEE Transactions on Affective Computing, 2022, 13, 440-460.	5.7	263
2	Stress and anxiety detection using facial cues from videos. Biomedical Signal Processing and Control, 2017, 31, 89-101.	3.5	205
3	Depression Assessment by Fusing High and Low Level Features from Audio, Video, and Text. , 2016, , .		69
4	Review of Eye Tracking Metrics Involved in Emotional and Cognitive Processes. IEEE Reviews in Biomedical Engineering, 2023, 16, 260-277.	13.1	60
5	Methods for Seizure Detection and Prediction: An Overview. Neuromethods, 2014, , 131-157.	0.2	41
6	Detection of stress/anxiety state from EEG features during video watching. , 2015, 2015, 6034-7.		41
7	SU-8 microneedles based dry electrodes for Electroencephalogram. Microelectronic Engineering, 2016, 159, 114-120.	1.1	37
8	Wize Mirror - a smart, multisensory cardio-metabolic risk monitoring system. Computer Vision and Image Understanding, 2016, 148, 3-22.	3.0	35
9	A stress recognition system using HRV parameters and machine learning techniques. , 2019, , .		34
10	Mirror Mirror on the Wall... An Unobtrusive Intelligent Multisensory Mirror for Well-Being Status Self-Assessment and Visualization. IEEE Transactions on Multimedia, 2017, 19, 1467-1481.	5.2	28
11	Focal epileptic seizures anticipation based on patterns of heart rate variability parameters. Computer Methods and Programs in Biomedicine, 2019, 178, 123-133.	2.6	23
12	A novel multi-kernel 1D convolutional neural network for stress recognition from ECG. , 2019, , .		21
13	Wavelet entropy differentiations of event related potentials in dyslexia. , 2008, , .		20
14	Extraction of facial features as indicators of stress and anxiety. , 2015, 2015, 3711-4.		20
15	Emotional State Recognition Using Advanced Machine Learning Techniques on EEG Data. , 2017, , .		20
16	Absence seizure epilepsy detection using linear and nonlinear eeg analysis methods. , 2013, 2013, 6333-6.		18
17	Detecting complexity abnormalities in dyslexia measuring approximate entropy of electroencephalographic signals. , 2009, 2009, 6292-5.		17
18	Abnormal auditory ERP N100 in children with dyslexia: comparison with their control siblings. Behavioral and Brain Functions, 2009, 5, 26.	1.4	16

#	ARTICLE	IF	CITATIONS
19	Evaluation of head pose features for stress detection and classification. , 2018, , .		15
20	Automatic stress detection evaluating models of facial action units. , 2020, , .		15
21	Real-time Facial Expression Recognition "In The Wild" by Disentangling 3D Expression from Identity. , 2020, , .		14
22	Recognition of Blinks Activity Patterns during Stress Conditions Using CNN and Markovian Analysis. Signals, 2021, 2, 55-71.	1.2	13
23	An approach to absence epileptic seizures detection using Approximate Entropy. , 2013, 2013, 413-6.		12
24	Mirror mirror on the wall… An intelligent multisensory mirror for well-being self-assessment. , 2015, , .		12
25	Comparison of Blind Source Separation Algorithms for Optical Heart Rate Monitoring. , 2014, , .		12
26	Synchronization coupling investigation using ICA cluster analysis in resting MEG signals in reading difficulties. , 2013, , .		11
27	Stress Detection from Speech Using Spectral Slope Measurements. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 41-50.	0.2	10
28	Effect of Exposure Time on Thermal Behaviour: A Psychophysiological Approach. Signals, 2021, 2, 863-885.	1.2	8
29	Preattentive deficits in developmental disorders of scholastic skills. NeuroReport, 2005, 16, 1829-1832.	0.6	7
30	Evidence of a posterior cingulate involvement (Brodmann area 31) in dyslexia: A study based on source localization algorithm of event-related potentials. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 733-738.	2.5	7
31	The Interference of Introversion"Extraversion and Depressive Symptomatology with Reasoning Performance: A Behavioural Study. Journal of Psycholinguistic Research, 2012, 41, 129-139.	0.7	7
32	Head Movements in Context of Speech during Stress Induction. , 2018, , .		6
33	Stress, Inflammation and Metabolic Biomarkers Are Associated with Body Composition Measures in Lean, Overweight, and Obese Children and Adolescents. Children, 2022, 9, 291.	0.6	6
34	Estimation of time-varying causal connectivity on EEG signals with the use of adaptive autoregressive parameters. , 2008, 2008, 3512-5.		5
35	EKG signal recording, processing and transmission using a mobile phone. , 2008, , .		4
36	Characterization of evoked and induced activity in EEG and assessment of intertrial variability. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
37	Automatic stress analysis from facial videos based on deep facial action units recognition. Pattern Analysis and Applications, 2022, 25, 521-535.	3.1	4
38	Automatic Absence Seizure Detection Evaluating Matching Pursuit Features of EEG Signals. , 2019, , .		3
39	Seizure Detection using Common Spatial Patterns and Classification Techniques. , 2019, , .		2
40	Autonomic Nervous System Maturation and Emotional Coordination in Interactions of Preterm and Full-Term Infants With Their Parents: Protocol for a Multimethod Study. JMIR Research Protocols, 2021, 10, e28089.	0.5	2
41	Facial Signs and Psycho-physical Status Estimation for Well-being Assessment. , 2014, , .		2
42	Investigation and ordinal modelling of vocal features for stress detection in speech. , 2021, , .		2
43	Spectral entropy of dyslexic ERP signal by means of Adaptive Optimal Kernel. , 2009, , .		1
44	A computational platform for continuous seizure anticipation, monitoring and clinical evaluation. Studies in Health Technology and Informatics, 2016, 224, 108-13.	0.2	0
45	Circulating FGF21 vs. Stress Markers in Girls during Childhood and Adolescence, and in Their Caregivers: Intriguing Inter-Relations between Overweight/Obesity, Emotions, Behavior, and the Cared-Caregiver Relationship. Children, 2022, 9, 821.	0.6	0