Yuan-Pin Lin

List of Publications by Year
in descending order

41 papers	1,864 citations	623734 14 h-index	580821 25 g-index
44 all docs	44 docs citations	44 times ranked	1823 citing authors

#	Article	IF	Citations
1	EEG Connectivity during Active Emotional Musical Performance. Sensors, 2022, 22, 4064.	3.8	3
2	Objective assessment of impulse control disorder in patients with Parkinsonâ€™s disease using a low-cost LEGO-like EEG headset: a feasibility study. Journal of NeuroEngineering and Rehabilitation, 2021, 18, 109.	4.6	6
3	Editorial: Inter- and Intra-subject Variability in Brain Imaging and Decoding. Frontiers in Computational Neuroscience, 2021, 15, 791129.	2.1	8
4	Spectral Characteristics of EEG during Active Emotional Musical Performance. Sensors, 2021, 21, 7466.	3.8	10
5	Constructing a Personalized Cross-Day EEG-Based Emotion-Classification Model Using Transfer Learning. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1255-1264.	6.3	35
6	Validating a LEGO-Like EEG Headset for a Simultaneous Recording of Wet- and Dry-Electrode Systems During Treadmill Walking. , 2020, 2020, 4055-4058.		6
7	Cost-efficient and Custom Electrode-holder Assembly Infrastructure for EEG Recordings. Sensors, 2019, 19, 4273.	3.8	10
8	Challenge for Affective Brain-Computer Interfaces: Non-stationary Spatio-spectral EEG Oscillations of Emotional Responses. Frontiers in Human Neuroscience, 2019, 13, 366.	2.0	35
9	Cost-Efficient, Portable, and Custom Multi-Subject Electroencephalogram Recording System. IEEE Access, 2019, 7, 56760-56769.	4.2	14
10	A subject-transfer framework for obviating inter- and intra-subject variability in EEG-based drowsiness detection. NeuroImage, 2018, 174, 407-419.	4.2	76
11	Detecting Glaucoma With a Portable Brain-Computer Interface for Objective Assessment of Visual Function Loss. JAMA Ophthalmology, 2017, 135, 550.	2.5	78
12	Improving Cross-Day EEG-Based Emotion Classification Using Robust Principal Component Analysis. Frontiers in Computational Neuroscience, 2017, 11, 64.	2.1	29
13	Improving EEG-Based Emotion Classification Using Conditional Transfer Learning. Frontiers in Human Neuroscience, 2017, 11, 334.	2.0	117
14	Deep Transfer Learning for Cross-subject and Cross-experiment Prediction of Image Rapid Serial Visual Presentation Events from EEG Data. Lecture Notes in Computer Science, 2017, , 45-55.	1.3	14
15	Augmenting VR/AR Applications with EEG/EOG Monitoring and Oculo-Vestibular Recoupling. Lecture Notes in Computer Science, 2016, , 121-131.	1.3	11
16	Exploring the EEG Correlates of Neurocognitive Lapse with Robust Principal Component Analysis. Lecture Notes in Computer Science, 2016, , 113-120.	1.3	3
17	Transfer learning with large-scale data in brain-computer interfaces. , 2016, 2016, 4666-4669.		5
18	An EEG Study of Auditory Working Memory Load and Cognitive Performance. Communications in Computer and Information Science, 2016, , 181-185.	0.5	0

#	Article	IF	Citations
19	Using robust principal component analysis to alleviate day-to-day variability in EEG based emotion classification. , 2015, 2015, 570-3.		9
20	Selective Transfer Learning for EEG-Based Drowsiness Detection. , 2015, , .		33
21	Assessing the quality of steady-state visual-evoked potentials for moving humans using a mobile electroencephalogram headset. Frontiers in Human Neuroscience, 2014, 8, 182.	2.0	35
22	Fusion of electroencephalographic dynamics and musical contents for estimating emotional responses in music listening. Frontiers in Neuroscience, 2014, 8, 94.	2.8	77
23	Exploring day-to-day variability in EEG-based emotion classification. , 2014, , .		10
24	Independent Component Ensemble of EEG for Brainâ€“Computer Interface. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 230-238.	4.9	55
25	Assessing the feasibility of online SSVEP decoding in human walking using a consumer EEG headset. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 119.	4.6	44
26	Revealing spatio-spectral electroencephalographic dynamics of musical mode and tempo perception by independent component analysis. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 18.	4.6	24
27	A mobile SSVEP-based brain-computer interface for freely moving humans: The robustness of canonical correlation analysis to motion artifacts. , 2013, 2013, 1350-3.		12
28	Automatic design for independent component analysis based brain-computer interfacing. , 2013, 2013, 2180-3.		6
29	Detection of steady-state visual-evoked potential using differential canonical correlation analysis. , 2013, , .		15
30	Co-modulatory spectral changes in independent brain processes are correlated with task performance. NeuroImage, 2012, 62, 1469-1477.	4.2	59
31	Generalizations of the subject-independent feature set for music-induced emotion recognition. , 2011, 2011, 6092-5.		1
32	Electroencephalographic dynamics of musical emotion perception revealed by independent spectral components. NeuroReport, 2010, 21, 410-415.	1.2	49
33	EEG-Based Emotion Recognition in Music Listening. IEEE Transactions on Biomedical Engineering, 2010, 57, 1798-1806.	4.2	753
34	EEG dynamics during music appreciation. , 2009, 2009, 5316-9.		7
35	EEG-based emotion recognition in music listening: A comparison of schemes for multiclass support vector machine. , 2009, , .		101
36	Support vector machine for EEG signal classification during listening to emotional music. , 2008, , .		57

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37	Interactive content presentation based on expressed emotion and physiological feedback. , 2008, , .		3
38	Multilayer perceptron for EEG signal classification during listening to emotional music. , 2007, , .		25
39	Skin-based Face Tracking Using Illumination Recognition. , 2005, , .		0
40	Simultaneous Multi-slice Acquisition Using A Parallel MR Imaging System. , 2005, 2005, 1652-5.		0
41	Webcam Mouse Using Face and Eye Tracking in Various Illumination Environments. , 2005, 2005, 3738-41.		14