

Jiahui Pan

List of Publications by Year in descending order

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36
papers

1,715
citations

394421

19
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	A Hybrid Brain Computer Interface to Control the Direction and Speed of a Simulated or Real Wheelchair. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 720-729.	4.9	339
2	A Hybrid BCI System Combining P300 and SSVEP and Its Application to Wheelchair Control. IEEE Transactions on Biomedical Engineering, 2013, 60, 3156-3166.	4.2	297
3	Prognosis for patients with cognitive motor dissociation identified by brain-computer interface. Brain, 2020, 143, 1177-1189.	7.6	92
4	Speech emotion recognition using fusion of three multi-task learning-based classifiers: HSF-DNN, MS-CNN and LLD-RNN. Speech Communication, 2020, 120, 11-19.	2.8	91
5	An EEG-Based Brain Computer Interface for Emotion Recognition and Its Application in Patients with Disorder of Consciousness. IEEE Transactions on Affective Computing, 2021, 12, 832-842.	8.3	80
6	Detecting awareness in patients with disorders of consciousness using a hybrid brain-computer interface. Journal of Neural Engineering, 2014, 11, 056007.	3.5	77
7	Multimodal BCIs: Target Detection, Multidimensional Control, and Awareness Evaluation in Patients With Disorder of Consciousness. Proceedings of the IEEE, 2016, 104, 332-352.	21.3	76
8	Convolutional Two-Stream Network Using Multi-Facial Feature Fusion for Driver Fatigue Detection. Future Internet, 2019, 11, 115.	3.8	73
9	Fusion of Facial Expressions and EEG for Multimodal Emotion Recognition. Computational Intelligence and Neuroscience, 2017, 2017, 1-8.	1.7	68
10	Combining Facial Expressions and Electroencephalography to Enhance Emotion Recognition. Future Internet, 2019, 11, 105.	3.8	64
11	Advances in Multimodal Emotion Recognition Based on Brain-Computer Interfaces. Brain Sciences, 2020, 10, 687.	2.3	59
12	Emotion-Related Consciousness Detection in Patients With Disorders of Consciousness Through an EEG-Based BCI System. Frontiers in Human Neuroscience, 2018, 12, 198.	2.0	42
13	Enhancing BCI-Based Emotion Recognition Using an Improved Particle Swarm Optimization for Feature Selection. Sensors, 2020, 20, 3028.	3.8	40
14	A comparison study of two P300 speller paradigms for brain-computer interface. Cognitive Neurodynamics, 2013, 7, 523-529.	4.0	38
15	Enhancing clinical communication assessments using an audiovisual BCI for patients with disorders of consciousness. Journal of Neural Engineering, 2017, 14, 046024.	3.5	34
16	A Novel Audiovisual Brain-Computer Interface and Its Application in Awareness Detection. Scientific Reports, 2015, 5, 9962.	3.3	28
17	The MindGomoku: An Online P300 BCI Game Based on Bayesian Deep Learning. Sensors, 2021, 21, 1613.	3.8	26
18	An adversarial discriminative temporal convolutional network for EEG-based cross-domain emotion recognition. Computers in Biology and Medicine, 2022, 141, 105048.	7.0	26

#	ARTICLE	IF	CITATIONS
19	Cross-Subject EEG Emotion Recognition With Self-Organized Graph Neural Network. <i>Frontiers in Neuroscience</i> , 2021, 15, 611653.	2.8	23
20	Advances in Hybrid Brain-Computer Interfaces: Principles, Design, and Applications. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-9.	1.7	21
21	Visual Fixation Assessment in Patients with Disorders of Consciousness Based on Brain-Computer Interface. <i>Neuroscience Bulletin</i> , 2018, 34, 679-690.	2.9	18
22	Hybrid asynchronous brain-computer interface for yes/no communication in patients with disorders of consciousness. <i>Journal of Neural Engineering</i> , 2021, 18, 056001.	3.5	13
23	Joint Temporal Convolutional Networks and Adversarial Discriminative Domain Adaptation for EEG-Based Cross-Subject Emotion Recognition. , 2022, , .		13
24	An EEG-Based brain-computer interface for emotion recognition. , 2016, , .		10
25	Toward Assessment of Sound Localization in Disorders of Consciousness Using a Hybrid Audiovisual Brain-Computer Interface. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1422-1432.	4.9	10
26	A Systematic Review of Sleep in Patients with Disorders of Consciousness: From Diagnosis to Prognosis. <i>Brain Sciences</i> , 2021, 11, 1072.	2.3	9
27	License Plate Image Reconstruction Based on Generative Adversarial Networks. <i>Remote Sensing</i> , 2021, 13, 3018.	4.0	8
28	Automatic Sleep Staging Based on EEG-EOG Signals for Depression Detection. <i>Intelligent Automation and Soft Computing</i> , 2021, 28, 53-71.	2.1	8
29	Toward a Brain-Computer Interface- and Internet of Things-Based Smart Ward Collaborative System Using Hybrid Signals. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-13.	1.9	7
30	Multi-Modal Integration of EEG-fNIRS for Characterization of Brain Activity Evoked by Preferred Music. <i>Frontiers in Neurorobotics</i> , 2022, 16, 823435.	2.8	5
31	EEG-Based Closed-Loop Neurofeedback for Attention Monitoring and Training in Young Adults. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-13.	1.9	4
32	A Human-Machine Interface Based on an EOG and a Gyroscope for Humanoid Robot Control and Its Application to Home Services. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-14.	1.9	4
33	Inter-Subject MEG Decoding for Visual Information with Hybrid Gated Recurrent Network. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1215.	2.5	3
34	Fusion of EEG-Based Activation, Spatial, and Connection Patterns for Fear Emotion Recognition. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-11.	1.7	3
35	Automatic annotation of liver computed tomography images based on a vessel-skeletonization method. <i>International Journal of Imaging Systems and Technology</i> , 2020, 30, 704-715.	4.1	1
36	A cascaded spatiotemporal attention network for dynamic facial expression recognition. <i>Applied Intelligence</i> , 0, , .	5.3	0