Yu-Te Wang

List of Publications by Year
in descending order

27 papers	2,073 citations	687363 13 h-index	940533 16 g-index
27 all docs	27 docs citations	27 times ranked	1721 citing authors

#	Article	IF	Citations
1	Enhancing Detection of SSVEPs for a High-Speed Brain Speller Using Task-Related Component Analysis. IEEE Transactions on Biomedical Engineering, 2018, 65, 104-112.	4.2	493
2	Dry and Noncontact EEG Sensors for Mobile Brain–Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 228-235.	4.9	288
3	A HIGH-SPEED BRAIN SPELLER USING STEADY-STATE VISUAL EVOKED POTENTIALS. International Journal of Neural Systems, 2014, 24, 1450019.	5.2	287
4	A Comparison Study of Canonical Correlation Analysis Based Methods for Detecting Steady-State Visual Evoked Potentials. PLoS ONE, 2015, 10, e0140703.	2.5	241
5	A cell-phone-based brain–computer interface for communication in daily life. Journal of Neural Engineering, 2011, 8, 025018.	3.5	140
6	Toward Drowsiness Detection Using Non-hair-Bearing EEG-Based Brain-Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 400-406.	4.9	113
7	Generating Visual Flickers for Eliciting Robust Steady-State Visual Evoked Potentials at Flexible Frequencies Using Monitor Refresh Rate. PLoS ONE, 2014, 9, e99235.	2.5	81
8	Detecting Glaucoma With a Portable Brain-Computer Interface for Objective Assessment of Visual Function Loss. JAMA Ophthalmology, 2017, 135, 550.	2.5	78
9	A subject-transfer framework for obviating inter- and intra-subject variability in EEG-based drowsiness detection. NeuroImage, 2018, 174, 407-419.	4.2	76
10	Development of a Wearable Mobile Electrocardiogram Monitoring System by Using Novel Dry Foam Electrodes. IEEE Systems Journal, 2014, 8, 900-906.	4.6	56
11	Pervasive brain monitoring and data sharing based on multi-tier distributed computing and linked data technology. Frontiers in Human Neuroscience, 2014, 8, 370.	2.0	46
12	Developing an EEG-based on-line closed-loop lapse detection and mitigation system. Frontiers in Neuroscience, 2014, 8, 321.	2.8	31
13	Enhancing detection of steady-state visual evoked potentials using individual training data. , 2014, 2014, 3037-40.		30
14	Fast detection of covert visuospatial attention using hybrid N2pc and SSVEP features. Journal of Neural Engineering, 2016, 13, 066003.	3.5	17
15	Detection of steady-state visual-evoked potential using differential canonical correlation analysis. , 2013, , .		15
16	Online Voluntary Eye Blink Detection using Electrooculogram. IEICE Proceeding Series, 2014, 1, 114-117.	0.0	14
17	Enhancing unsupervised canonical correlation analysis-based frequency detection of SSVEPs by incorporating background EEG. , 2014, 2014, 3053-6.		13
18	Developing stimulus presentation on mobile devices for a truly portable SSVEP-based BCI. , 2013, 2013, 5271-4.		11

#	Article	IF	Citations
19	Developing an online steady-state visual evoked potential-based brain-computer interface system using EarEEG. , 2015, 2015, 2271-4.		11
20	Augmenting VR/AR Applications with EEG/EOG Monitoring and Oculo-Vestibular Recoupling. Lecture Notes in Computer Science, 2016, , 121-131.	1.3	11
21	A dynamic stopping method for improving performance of steady-state visual evoked potential based brain-computer interfaces. , 2015, 2015, 1057-60.		10
22	Integrating interference frequency components elicited by monitor refresh rate to enhance frequency detection of SSVEPs. , 2013, , .		3
23	37â€4: <i>Invited Paper:</i> Intelligent Virtualâ€Reality Headâ€Mounted Displays with Brain Monitoring and Visual Function Assessment. Digest of Technical Papers SID International Symposium, 2018, 49, 475-478.	0.3	3
24	An EEG-based brain&#x2014;computer interface with real-time artifact removal using independent component analysis. , 2012, , .		2
25	Evaluating the Performance of Non-Hair SSVEP-Based BCIs Featuring Template-Based Decoding Methods. , 2018, 2018, 1972-1975.		2
26	Pervasive Neuroimaging with Fog Computing and Linked Data. , 2016, , .		1
27	Optimizing Phase Intervals for Phase-Coded SSVEP-Based BCIs With Template-Based Algorithm. , 2018, , .		0