

Willy Wong

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

636
citations

687363

13
h-index

610901

24
g-index

31
all docs

31
docs citations

31
times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling the visual response to an OUREP retinal prosthesis with photoelectric dye coupled to polyethylene film. <i>Journal of Neural Engineering</i> , 2021, 18, 045006.	3.5	1
2	Consilience in the Peripheral Sensory Adaptation Response. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 727551.	2.0	3
3	Use of Machine Learning for Predicting Escitalopram Treatment Outcome From Electroencephalography Recordings in Adult Patients With Depression. <i>JAMA Network Open</i> , 2020, 3, e1918377.	5.9	49
4	On the rate coding response of peripheral sensory neurons. <i>Biological Cybernetics</i> , 2020, 114, 609-619.	1.3	3
5	Real time hearing enhancement in crowded social environments with noise gating. <i>Speech Communication</i> , 2018, 99, 173-182.	2.8	0
6	Magnetic seizure therapy reduces suicidal ideation and produces neuroplasticity in treatment-resistant depression. <i>Translational Psychiatry</i> , 2018, 8, 253.	4.8	49
7	Selective modulation of brain network dynamics by seizure therapy in treatment-resistant depression. <i>NeuroImage: Clinical</i> , 2018, 20, 1176-1190.	2.7	28
8	Auditory gap detection: psychometric functions and insights into the underlying neural activity. <i>Biological Cybernetics</i> , 2018, 112, 575-584.	1.3	0
9	Standardization of electroencephalography for multi-site, multi-platform and multi-investigator studies: insights from the canadian biomarker integration network in depression. <i>Scientific Reports</i> , 2017, 7, 7473.	3.3	28
10	Reconstruction of reaching movement trajectories using electrocorticographic signals in humans. <i>PLoS ONE</i> , 2017, 12, e0182542.	2.5	17
11	26th Annual Computational Neuroscience Meeting (CNS*2017): Part 2. <i>BMC Neuroscience</i> , 2017, 18, .	1.9	7
12	Time-course of coherence in the human basal ganglia during voluntary movements. <i>Scientific Reports</i> , 2016, 6, 34930.	3.3	25
13	Indicators for Remission of Suicidal Ideation Following Magnetic Seizure Therapy in Patients With Treatment-Resistant Depression. <i>JAMA Psychiatry</i> , 2016, 73, 337.	11.0	102
14	Advances in modern mental chronometry. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 256.	2.0	13
15	Deep Brain Stimulation Modulates Gamma Oscillations and Theta-Gamma Coupling in Treatment Resistant Depression. <i>Brain Stimulation</i> , 2015, 8, 1033-1042.	1.6	47
16	A novel method for removal of deep brain stimulation artifact from electroencephalography. <i>Journal of Neuroscience Methods</i> , 2014, 237, 33-40.	2.5	40
17	Temporal alignment of electrocorticographic recordings for upper limb movement. <i>Frontiers in Neuroscience</i> , 2014, 8, 431.	2.8	5
18	Gaze Patterns and Audiovisual Speech Enhancement. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 471-480.	1.6	27

#	ARTICLE	IF	CITATIONS
19	Approximating the Time-Frequency Representation of Biosignals with Chirplets. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	12
20	Visual Evoked Potential Analysis Using Adaptive Chirplet Transform. , 2009, , 221-244.		1
21	Recognition of temporal patterns: From engineering to psychology and back again.. Canadian Journal of Experimental Psychology, 2007, 61, 159-167.	0.8	2
22	The Adaptive Chirplet Transform and Visual Evoked Potentials. IEEE Transactions on Biomedical Engineering, 2006, 53, 1378-1384.	4.2	60
23	Optimal Window Length in the Windowed Adaptive Chirplet Analysis of Visual Evoked Potentials. , 2006, 2006, 4580-3.		3
24	Optimal Window Length in the Windowed Adaptive Chirplet Analysis of Visual Evoked Potentials. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
25	Recording Human Evoked Potentials That Follow the Pitch Contour of a Natural Vowel. IEEE Transactions on Biomedical Engineering, 2005, 52, 1614-1618.	4.2	37
26	Fine structure spectrography and its application in speech. Journal of the Acoustical Society of America, 2005, 117, 3902-3918.	1.1	6
27	Unification of psychophysical phenomena: The complete form of Fechner's law. Perception & Psychophysics, 1997, 59, 929-940.	2.3	48
28	Obtaining equal loudness contours from Weber fractions. Journal of the Acoustical Society of America, 1995, 97, 3761-3767.	1.1	5
29	A universal model of single-unit sensory receptor action. Mathematical Biosciences, 1995, 125, 83-108.	1.9	16