

Jen-Chuen Hsieh

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,011
citations

304701

22
h-index

254170

43
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51
all docs

51
docs citations

51
times ranked

2277
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of prefrontal theta-burst stimulation in refractory depression: a randomized sham-controlled study. <i>Brain</i> , 2014, 137, 2088-2098.	7.6	235
2	Traumatic nociceptive pain activates the hypothalamus and the periaqueductal gray: a positron emission tomography study. <i>Pain</i> , 1996, 64, 303-314.	4.2	220
3	Right-lateralised central processing for pain of nitroglycer-induced cluster headache. <i>Pain</i> , 1996, 67, 59-68.	4.2	159
4	Brain morphological changes associated with cyclic menstrual pain. <i>Pain</i> , 2010, 150, 462-468.	4.2	146
5	Abnormal cerebral metabolism during menstrual pain in primary dysmenorrhea. <i>NeuroImage</i> , 2009, 47, 28-35.	4.2	104
6	Menstrual pain is associated with rapid structural alterations in the brain. <i>Pain</i> , 2013, 154, 1718-1724.	4.2	88
7	Antidepressant mechanism of add-on repetitive transcranial magnetic stimulation in medication-resistant depression using cerebral glucose metabolism. <i>Journal of Affective Disorders</i> , 2010, 127, 219-229.	4.1	83
8	Changes in functional connectivity of pain modulatory systems in women with primary dysmenorrhea. <i>Pain</i> , 2016, 157, 92-102.	4.2	82
9	Cognition-Modulated Frontal Activity in Prediction and Augmentation of Antidepressant Efficacy: A Randomized Controlled Pilot Study. <i>Cerebral Cortex</i> , 2016, 26, 202-210.	2.9	64
10	Dynamic Changes of Functional Pain Connectome in Women with Primary Dysmenorrhea. <i>Scientific Reports</i> , 2016, 6, 24543.	3.3	62
11	Prefrontal glucose metabolism in medication-resistant major depression. <i>British Journal of Psychiatry</i> , 2015, 206, 316-323.	2.8	54
12	Brain computer interface using flash onset and offset visual evoked potentials. <i>Clinical Neurophysiology</i> , 2008, 119, 605-616.	1.5	50
13	Neural Network of Body Representation Differs between Transsexuals and Cissexuals. <i>PLoS ONE</i> , 2014, 9, e85914.	2.5	49
14	Impaired Prefronto-Thalamic Functional Connectivity as a Key Feature of Treatment-Resistant Depression: A Combined MEG, PET and rTMS Study. <i>PLoS ONE</i> , 2013, 8, e70089.	2.5	46
15	PET study on central processing of pain in trigeminal neuropathy. <i>European Journal of Pain</i> , 1999, 3, 51-65.	2.8	40
16	Association of Brain-Derived Neurotrophic Factor Gene Val66Met Polymorphism with Primary Dysmenorrhea. <i>PLoS ONE</i> , 2014, 9, e112766.	2.5	38
17	Loss of interhemispheric inhibition on the ipsilateral primary sensorimotor cortex in patients with brachial plexus injury: fMRI study. <i>Annals of Neurology</i> , 2002, 51, 381-385.	5.3	36
18	Functional disconnection in the prefrontal-amygdala circuitry in unaffected siblings of patients with bipolar I disorder. <i>Bipolar Disorders</i> , 2015, 17, 626-635.	1.9	36

#	ARTICLE	IF	CITATIONS
19	The BDNF Val66Met polymorphism is associated with the functional connectivity dynamics of pain modulatory systems in primary dysmenorrhea. <i>Scientific Reports</i> , 2016, 6, 23639.	3.3	34
20	Maximum contrast beamformer for electromagnetic mapping of brain activity. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1765-1774.	4.2	31
21	The OPRM1 A118G polymorphism modulates the descending pain modulatory system for individual pain experience in young women with primary dysmenorrhea. <i>Scientific Reports</i> , 2017, 7, 39906.	3.3	31
22	Effect of Acupuncture "dose" on Modulation of the Default Mode Network of the Brain. <i>Acupuncture in Medicine</i> , 2016, 34, 425-432.	1.0	25
23	The resting frontal alpha asymmetry across the menstrual cycle: A magnetoencephalographic study. <i>Hormones and Behavior</i> , 2008, 54, 28-33.	2.1	23
24	Encoding of menstrual pain experience with theta oscillations in women with primary dysmenorrhea. <i>Scientific Reports</i> , 2017, 7, 15977.	3.3	23
25	Predictability-mediated pain modulation in context of multiple cues: An event-related fMRI study. <i>Neuropsychologia</i> , 2014, 64, 85-91.	1.6	22
26	Asymmetric Engagement of Amygdala and Its Gamma Connectivity in Early Emotional Face Processing. <i>PLoS ONE</i> , 2015, 10, e0115677.	2.5	21
27	Neuroimaging Studies of Primary Dysmenorrhea. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1099, 179-199.	1.6	20
28	Female menstrual phases modulate human prefrontal asymmetry: A magnetoencephalographic study. <i>Hormones and Behavior</i> , 2009, 55, 203-209.	2.1	16
29	Peripheral and central glucose utilizations modulated by mitochondrial DNA 10398A in bipolar disorder. <i>Psychoneuroendocrinology</i> , 2015, 55, 72-80.	2.7	15
30	Sculpting the Intrinsic Modular Organization of Spontaneous Brain Activity by Art. <i>PLoS ONE</i> , 2013, 8, e66761.	2.5	15
31	Unaltered intrinsic functional brain architecture in young women with primary dysmenorrhea. <i>Scientific Reports</i> , 2018, 8, 12971.	3.3	13
32	Sensory Acquisition in the Cerebellum: An fMRI Study of Cerebrocerebellar Interaction During Visual Duration Discrimination. <i>Cerebellum</i> , 2009, 8, 116-126.	2.5	12
33	From "Aha!" to "Haha!" Using Humor to Cope with Negative Stimuli. <i>Cerebral Cortex</i> , 2021, 31, 2238-2250.	2.9	12
34	Traditional Chinese version of the Mayer Salovey Caruso Emotional Intelligence Test (MSCEIT-TC): Its validation and application to schizophrenic individuals. <i>Psychiatry Research</i> , 2016, 243, 61-70.	3.3	11
35	Altered Brain Complexity in Women with Primary Dysmenorrhea: A Resting-State Magneto-Encephalography Study Using Multiscale Entropy Analysis. <i>Entropy</i> , 2017, 19, 680.	2.2	11
36	Neuromagnetic index of hemispheric asymmetry predicting long-term outcome in sudden hearing loss. <i>NeuroImage</i> , 2013, 64, 356-364.	4.2	10

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37	Empirical Mode Decomposition-Based Approach for Intertrial Analysis of Olfactory Event-Related Potential Features. <i>Chemosensory Perception</i> , 2012, 5, 280-291.	1.2	9
38	Interactions of BDNF Val66Met Polymorphism and Menstrual Pain on Brain Complexity. <i>Frontiers in Neuroscience</i> , 2018, 12, 826.	2.8	9
39	Steady-state auditory evoked fields reflect long-term effects of repetitive transcranial magnetic stimulation in tinnitus. <i>Clinical Neurophysiology</i> , 2019, 130, 1665-1672.	1.5	9
40	Changes in resting-state functional connectivity in nonacute sciatica with acupuncture modulation: A preliminary study. <i>Brain and Behavior</i> , 2020, 10, e01494.	2.2	9
41	Effect of temporal difficulty on cerebrocerebellar interaction during visual duration discrimination. <i>Behavioural Brain Research</i> , 2010, 207, 155-160.	2.2	8
42	Neuroprotective effect of Val variant of BDNF Val66Met polymorphism on hippocampus is modulated by the severity of menstrual pain. <i>NeuroImage: Clinical</i> , 2021, 30, 102576.	2.7	8
43	Decoding and encoding of visual patterns using magnetoencephalographic data represented in manifolds. <i>NeuroImage</i> , 2014, 102, 435-450.	4.2	6
44	A novel beamformer-based imaging of phase-amplitude coupling (BIPAC) unveiling the inter-regional connectivity of emotional prosody processing in women with primary dysmenorrhea. <i>Journal of Neural Engineering</i> , 2021, 18, 046074.	3.5	6
45	Differing Spontaneous Brain Activity in Healthy Adults with Two Different Body Constitutions: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 951.	2.4	5
46	Pros and cons in tinnitus brain: Enhancement of global connectivity for alpha and delta waves. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 115, 110497.	4.8	5
47	Classifying hemodynamics of MR brain perfusion images using independent component analysis (ICA). , 0, , .		0
48	Quantification of movement-related modulation on beta activity of single-trial magnetoencephalographic measurement using independent component analysis (ICA). , 0, , .		0
49	Near-infrared spectroscopy studies of visual evoked responses during photon stimulation. , 0, , .		0
50	Unravelling the Spatio-Temporal Neurodynamics of Rhythm Encoding-reproduction Networks by a Novel fMRI Autoencoder. , 2019, , .		0
51	Zeeman Laser Scanning Confocal Microscopy in Turbid Media. , 2006, , 188-196.		0