

Arthur C Tsai

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

398
citations

759233

12
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	EEG-correlates of trait anxiety in the stop-signal paradigm. <i>Neuroscience Letters</i> , 2009, 449, 112-116.	2.1	53
2	MR Image Segmentation Using a Power Transformation Approach. <i>IEEE Transactions on Medical Imaging</i> , 2009, 28, 894-905.	8.9	46
3	Robust fuzzy model-following control of robot manipulators. <i>IEEE Transactions on Fuzzy Systems</i> , 2000, 8, 462-469.	9.8	45
4	Bridging Functional MR Images and Scientific Inference: Reproducibility Maps. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 935-945.	2.3	32
5	Mapping single-trial EEG records on the cortical surface through a spatiotemporal modality. <i>NeuroImage</i> , 2006, 32, 195-207.	4.2	27
6	Robust neuro-fuzzy control of multivariable systems by tuning consequent membership functions. <i>Fuzzy Sets and Systems</i> , 2001, 124, 181-195.	2.7	25
7	Cortical surface alignment in multi-subject spatiotemporal independent EEG source imaging. <i>NeuroImage</i> , 2014, 87, 297-310.	4.2	22
8	Lingering Sound: Event-Related Phase-Amplitude Coupling and Phase-Locking in Fronto-Temporo-Parietal Functional Networks During Memory Retrieval of Music Melodies. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 150.	2.0	20
9	Face recognition in Asperger syndrome: A study on EEG spectral power changes. <i>Neuroscience Letters</i> , 2011, 492, 84-88.	2.1	19
10	Self-organizing fuzzy control of multi-variable systems using learning vector quantization network. <i>Fuzzy Sets and Systems</i> , 2001, 124, 197-212.	2.7	18
11	A method for generating reproducible evidence in fMRI studies. <i>NeuroImage</i> , 2006, 29, 383-395.	4.2	18
12	On hyperbolic transformations to normality. <i>Computational Statistics and Data Analysis</i> , 2017, 115, 250-266.	1.2	18
13	Mid-Frontal Theta Modulates Response Inhibition and Decision Making Processes in Emotional Contexts. <i>Brain Sciences</i> , 2019, 9, 271.	2.3	13
14	Different Brain Wave Patterns and Cortical Control Abilities in Relation to Different Creative Potentials. <i>Creativity Research Journal</i> , 2016, 28, 89-98.	2.6	11
15	Recognizing syntactic errors in Chinese and English sentences: Brain electrical activity in Asperger's syndrome. <i>Research in Autism Spectrum Disorders</i> , 2013, 7, 889-905.	1.5	9
16	Advanced Electroencephalogram Processing. <i>International Journal of E-Health and Medical Communications</i> , 2014, 5, 49-69.	1.6	5
17	Conscious and Non-conscious Representations of Emotional Faces in Asperger's Syndrome. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	5
18	Fronto-Parietal Regions Predict Transient Emotional States in Emotion Modulated Response Inhibition via Low Frequency and Beta Oscillations. <i>Symmetry</i> , 2022, 14, 1244.	2.2	5

#	ARTICLE	IF	CITATIONS
19	The Medial Prefrontal Cortex, Nucleus Accumbens, Basolateral Amygdala, and Hippocampus Regulate the Amelioration of Environmental Enrichment and Cue in Fear Behavior in the Animal Model of PTSD. Behavioural Neurology, 2022, 2022, 1-14.	2.1	4
20	A Wireless Magnetic Resonance Device for Optogenetic Applications in an Animal Model. Sensors, 2020, 20, 5869.	3.8	3
21	Decision Thresholds in Functional MR Image Analysis. , 2008, , .		0
22	Clustering of EEG-data during resting condition, emotional faces recognition and in Stop-signal paradigm. NeuroImage, 2009, 47, S101.	4.2	0
23	Collinear grouped items are more distracted for older adults: Behavior and neural imaging evidence on the collinear masking effect. Journal of Vision, 2019, 19, 317.	0.3	0
24	Better statistical regularity with aging? Age-related difference in the neural processing of idioms. Journal of Vision, 2019, 19, 120c.	0.3	0