Kyongsik Yun

List of Publications by Year
in descending order

34 papers	1,055 citations	759233 12 h-index	610901 24 g-index
39 all docs	39 docs citations	39 times ranked	1595 citing authors

#	ARTICLE	IF	CITATIONS
1	Interpersonal body and neural synchronization as a marker of implicit social interaction. Scientific Reports, 2012, 2, 959.	3.3	288
2	Transcranial Alternating Current Stimulation (tACS) Mechanisms and Protocols. Frontiers in Cellular Neuroscience, 2017, 11, 214.	3.7	146
3	Noninvasive remote activation of the ventral midbrain by transcranial direct current stimulation of prefrontal cortex. Translational Psychiatry, 2013, 3, e268-e268.	4.8	117
4	Identifying Schizophrenia Using Structural MRI With a Deep Learning Algorithm. Frontiers in Psychiatry, 2020, 11, 16.	2.6	78
5	Changes in cerebral glucose metabolism after 3 weeks of noninvasive electrical stimulation of mild cognitive impairment patients. Alzheimer's Research and Therapy, 2016, 8, 49.	6.2	61
6	Classification of Suicide Attempts through a Machine Learning Algorithm Based on Multiple Systemic Psychiatric Scales. Frontiers in Psychiatry, 2017, 8, 192.	2.6	54
7	Identifying depression in the National Health and Nutrition Examination Survey data using a deep learning algorithm. Journal of Affective Disorders, 2019, 257, 623-631.	4.1	48
8	Decreased cortical complexity in methamphetamine abusers. Psychiatry Research - Neuroimaging, 2012, 201, 226-232.	1.8	31
9	Association Between Macronutrients Intake and Depression in the United States and South Korea. Frontiers in Psychiatry, 2020, 11, 207.	2.6	31
10	Beta-frequency EEG activity increased during transcranial direct current stimulation. NeuroReport, 2014, 25, 1433-1436.	1.2	30
11	Decoding covert motivations of free riding and cooperation from multi-feature pattern analysis of EEG signals. Social Cognitive and Affective Neuroscience, 2015, 10, 1210-1218.	3.0	22
12	Modulation of theta phase synchronization in the human electroencephalogram during a recognition memory task. NeuroReport, 2012, 23, 637-641.	1.2	21
13	Different Gain/Loss Sensitivity and Social Adaptation Ability in Gifted Adolescents during a Public Goods Game. PLoS ONE, 2011, 6, e17044.	2.5	14
14	On the Same Wavelength: Face-to-Face Communication Increases Interpersonal Neural Synchronization. Journal of Neuroscience, 2013, 33, 5081-5082.	3.6	13
15	Mathematically Gifted Adolescents Have Deficiencies in Social Valuation and Mentalization. PLoS ONE, 2011, 6, e18224.	2.5	10
16	Alcohol Reduces Cross‐Frequency Theta‐Phase Gamma‐Amplitude Coupling in Resting Electroencephalography. Alcoholism: Clinical and Experimental Research, 2014, 38, 770-776.	2.4	9
17	Predicting Rapid Fire Growth (Flashover) Using Conditional Generative Adversarial Networks. IS&T International Symposium on Electronic Imaging, 2018, 30, 127-1-127-4.	0.4	9
18	Prediction of Mortality in Surgical Intensive Care Unit Patients Using Machine Learning Algorithms. Frontiers in Medicine, 2021, 8, 621861.	2.6	8

#	Article	IF	Citations
19	Improved visible to IR image transformation using synthetic data augmentation with cycle-consistent adversarial networks. , 2019, , .		8
20	Reappraising Abstract Paintings after Exposure to Background Information. PLoS ONE, 2015, 10, e0124159.	2.5	7
21	Small target detection for search and rescue operations using distributed deep learning and synthetic data generation. , 2019, , .		7
22	Multi-Agent Motion Planning using Deep Learning for Space Applications. , 2020, , .		7
23	Severe COVID-19 Illness: Risk Factors and Its Burden on Critical Care Resources. Frontiers in Medicine, 2020, 7, 583060.	2.6	6
24	Causally linking neural dominance to perceptual dominance in a multisensory conflict. NeuroReport, 2020, 31, 991-998.	1.2	6
25	COVID19 Tweeter Dataset Sentiment Analysis. , 2021, , .		6
26	Improved target recognition response using collaborative brain-computer interfaces. , 2016, , .		4
27	Money for us versus money for them: cross-cultural differences in sensitivity to rewards for ingroup and outgroup. Culture and Brain, 2018, 6, 36-52.	0.5	3
28	Smartphone-Based Point-of-Care Cholesterol Blood Test Performance Evaluation Compared with a Clinical Diagnostic Laboratory Method. Applied Sciences (Switzerland), 2019, 9, 3334.	2.5	3
29	Neural Correlates of Public Apology Effectiveness. Frontiers in Human Neuroscience, 2019, 13, 229.	2.0	2
30	Dynamic fire and smoke detection and classification for flashover prediction. , 2021, , .		1
31	Occluded object reconstruction for first responders with augmented reality glasses using conditional generative adversarial networks. , 2018, , .		1
32	Automatic speech recognition for launch control center communication using recurrent neural networks with data augmentation and custom language model. , 2018, , .		1
33	Transforming unstructured voice and text data into insight for paramedic emergency service using recurrent and convolutional neural networks. , 2020, , .		1
34	Real-time anomaly detection in Deep Space Network operations using machine learning. , 2021, , .		1