Kyongsik Yun

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Prediction of Mortality in Surgical Intensive Care Unit Patients Using Machine Learning Algorithms. Frontiers in Medicine, 2021, 8, 621861.	2.6	8
2	Dynamic fire and smoke detection and classification for flashover prediction. , 2021, , .		1
3	COVID19 Tweeter Dataset Sentiment Analysis. , 2021, , .		6
4	Real-time anomaly detection in Deep Space Network operations using machine learning. , 2021, , .		1
5	Severe COVID-19 Illness: Risk Factors and Its Burden on Critical Care Resources. Frontiers in Medicine, 2020, 7, 583060.	2.6	6
6	Causally linking neural dominance to perceptual dominance in a multisensory conflict. NeuroReport, 2020, 31, 991-998.	1.2	6
7	Identifying Schizophrenia Using Structural MRI With a Deep Learning Algorithm. Frontiers in Psychiatry, 2020, 11, 16.	2.6	78
8	Association Between Macronutrients Intake and Depression in the United States and South Korea. Frontiers in Psychiatry, 2020, 11, 207.	2.6	31
9	Transforming unstructured voice and text data into insight for paramedic emergency service using recurrent and convolutional neural networks. , 2020, , .		1
10	Multi-Agent Motion Planning using Deep Learning for Space Applications. , 2020, , .		7
11	Neural Correlates of Public Apology Effectiveness. Frontiers in Human Neuroscience, 2019, 13, 229.	2.0	2
12	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
13	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
14	Improved visible to IR image transformation using synthetic data augmentation with cycle-consistent adversarial networks. , 2019, , .		8
15	Small target detection for search and rescue operations using distributed deep learning and synthetic data generation. , 2019, , .		7
16	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
17	Occluded object reconstruction for first responders with augmented reality glasses using conditional generative adversarial networks. , 2018, , .		1
18	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

#	Article	IF	Citations
19	Automatic speech recognition for launch control center communication using recurrent neural networks with data augmentation and custom language model. , 2018, , .		1
20	Classification of Suicide Attempts through a Machine Learning Algorithm Based on Multiple Systemic Psychiatric Scales. Frontiers in Psychiatry, 2017, 8, 192.	2.6	54
21	Transcranial Alternating Current Stimulation (tACS) Mechanisms and Protocols. Frontiers in Cellular Neuroscience, 2017, 11, 214.	3.7	146
22	Improved target recognition response using collaborative brain-computer interfaces. , 2016, , .		4
23	Changes in cerebral glucose metabolism after 3Âweeks of noninvasive electrical stimulation of mild cognitive impairment patients. Alzheimer's Research and Therapy, 2016, 8, 49.	6.2	61
24	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
25	Reappraising Abstract Paintings after Exposure to Background Information. PLoS ONE, 2015, 10, e0124159.	2.5	7
26	Beta-frequency EEG activity increased during transcranial direct current stimulation. NeuroReport, 2014, 25, 1433-1436.	1.2	30
27	Alcohol Reduces Crossâ€Frequency Thetaâ€Phase Gammaâ€Amplitude Coupling in Resting Electroencephalography. Alcoholism: Clinical and Experimental Research, 2014, 38, 770-776.	2.4	9
28	Noninvasive remote activation of the ventral midbrain by transcranial direct current stimulation of prefrontal cortex. Translational Psychiatry, 2013, 3, e268-e268.	4.8	117
29	On the Same Wavelength: Face-to-Face Communication Increases Interpersonal Neural Synchronization. Journal of Neuroscience, 2013, 33, 5081-5082.	3.6	13
30	Modulation of theta phase synchronization in the human electroencephalogram during a recognition memory task. NeuroReport, 2012, 23, 637-641.	1.2	21
31	Interpersonal body and neural synchronization as a marker of implicit social interaction. Scientific Reports, 2012, 2, 959.	3.3	288
32	Decreased cortical complexity in methamphetamine abusers. Psychiatry Research - Neuroimaging, 2012, 201, 226-232.	1.8	31
33	Different Gain/Loss Sensitivity and Social Adaptation Ability in Gifted Adolescents during a Public Goods Game. PLoS ONE, 2011, 6, e17044.	2.5	14
34	Mathematically Gifted Adolescents Have Deficiencies in Social Valuation and Mentalization. PLoS ONE, 2011, 6, e18224.	2.5	10