

In Kyoon Lyoo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

2,161
citations

22
h-index

46
g-index

51
ext. papers

2,447
ext. citations

4.6
avg, IF

4.26
L-index

#	Paper	IF	Citations
50	Regional cerebral cortical thinning in bipolar disorder. <i>Bipolar Disorders</i> , 2006 , 8, 65-74	3.8	246
49	Effects of type 1 diabetes on gray matter density as measured by voxel-based morphometry. <i>Diabetes</i> , 2006 , 55, 326-33	0.9	240
48	Frontal lobe gray matter density decreases in bipolar I disorder. <i>Biological Psychiatry</i> , 2004 , 55, 648-51	7.9	225
47	Lithium-induced gray matter volume increase as a neural correlate of treatment response in bipolar disorder: a longitudinal brain imaging study. <i>Neuropsychopharmacology</i> , 2010 , 35, 1743-50	8.7	178
46	White matter hyperintensities on magnetic resonance imaging of the brain in children with psychiatric disorders. <i>Comprehensive Psychiatry</i> , 2002 , 43, 361-8	7.3	122
45	Decreased frontal white-matter integrity in abstinent methamphetamine abusers. <i>International Journal of Neuropsychopharmacology</i> , 2007 , 10, 765-75	5.8	95
44	Magnetic resonance spectroscopy: current and future applications in psychiatric research. <i>Biological Psychiatry</i> , 2002 , 51, 195-207	7.9	94
43	Multinuclear magnetic resonance spectroscopy of high-energy phosphate metabolites in human brain following oral supplementation of creatine-mono-hydrate. <i>Psychiatry Research - Neuroimaging</i> , 2003 , 123, 87-100	2.9	90
42	Reduced cortical gray matter density in human MDMA (Ecstasy) users: a voxel-based morphometry study. <i>Drug and Alcohol Dependence</i> , 2003 , 72, 225-35	4.9	89
41	Disturbance of the glutamatergic system in mood disorders. <i>Experimental Neurobiology</i> , 2014 , 23, 28-35	4	82
40	A randomized, double-blind placebo-controlled trial of oral creatine monohydrate augmentation for enhanced response to a selective serotonin reuptake inhibitor in women with major depressive disorder. <i>American Journal of Psychiatry</i> , 2012 , 169, 937-945	11.9	78
39	Altered prefrontal glutamate-glutamine-gamma-aminobutyric acid levels and relation to low cognitive performance and depressive symptoms in type 1 diabetes mellitus. <i>Archives of General Psychiatry</i> , 2009 , 66, 878-87		71
38	Effects of Creatine Monohydrate Augmentation on Brain Metabolic and Network Outcome Measures in Women With Major Depressive Disorder. <i>Biological Psychiatry</i> , 2016 , 80, 439-447	7.9	44
37	Lipopolysaccharide (LPS)-stimulated iNOS Induction Is Increased by Glucosamine under Normal Glucose Conditions but Is Inhibited by Glucosamine under High Glucose Conditions in Macrophage Cells. <i>Journal of Biological Chemistry</i> , 2017 , 292, 1724-1736	5.4	37
36	Brain changes in overweight/obese and normal-weight adults with type 2 diabetes mellitus. <i>Diabetologia</i> , 2017 , 60, 1207-1217	10.3	35
35	Shape changes of the corpus callosum in abstinent methamphetamine users. <i>Neuroscience Letters</i> , 2005 , 384, 76-81	3.3	34
34	Firefighters, posttraumatic stress disorder, and barriers to treatment: Results from a nationwide total population survey. <i>PLoS ONE</i> , 2018 , 13, e0190630	3.7	33

33	Functional Connectivity of Insula, Basal Ganglia, and Prefrontal Executive Control Networks during Hypoglycemia in Type 1 Diabetes. <i>Journal of Neuroscience</i> , 2015 , 35, 11012-23	6.6	32
32	The role of the amygdala in the pathophysiology of panic disorder: evidence from neuroimaging studies. <i>Biology of Mood & Anxiety Disorders</i> , 2012 , 2, 20		31
31	Neurocognitive changes and their neural correlates in patients with type 2 diabetes mellitus. <i>Endocrinology and Metabolism</i> , 2014 , 29, 112-21	3.5	29
30	Oral choline decreases brain purine levels in lithium-treated subjects with rapid-cycling bipolar disorder: a double-blind trial using proton and lithium magnetic resonance spectroscopy. <i>Bipolar Disorders</i> , 2003 , 5, 300-6	3.8	27
29	Hypoxia-Induced Neuroinflammation and Learning-Memory Impairments in Adult Zebrafish Are Suppressed by Glucosamine. <i>Molecular Neurobiology</i> , 2018 , 55, 8738-8753	6.2	23
28	Validation of the Athens Insomnia Scale for screening insomnia in South Korean firefighters and rescue workers. <i>Quality of Life Research</i> , 2015 , 24, 2391-5	3.7	19
27	Metabolic alterations in the anterior cingulate cortex and related cognitive deficits in late adolescent methamphetamine users. <i>Addiction Biology</i> , 2018 , 23, 327-336	4.6	19
26	The mental health sequelae of traumatic head injury in South Vietnamese ex-political detainees who survived torture. <i>Comprehensive Psychiatry</i> , 2014 , 55, 1626-38	7.3	16
25	Network-level structural abnormalities of cerebral cortex in type 1 diabetes mellitus. <i>PLoS ONE</i> , 2013 , 8, e71304	3.7	16
24	Enlarged cavum septum pellucidum as a neurodevelopmental marker in adolescent-onset opiate dependence. <i>PLoS ONE</i> , 2013 , 8, e78590	3.7	14
23	Subregional Shape Alterations in the Amygdala in Patients with Panic Disorder. <i>PLoS ONE</i> , 2016 , 11, e0157856	5.7	12
22	Psychometric Properties of the Alcohol Use Disorders Identification Test-Consumption (AUDIT-C) in Public First Responders. <i>Substance Use and Misuse</i> , 2017 , 52, 1069-1075	2.2	11
21	Effects of Ganglioside on Working Memory and the Default Mode Network in Individuals with Subjective Cognitive Impairment: A Randomized Controlled Trial. <i>The American Journal of Chinese Medicine</i> , 2016 , 44, 489-514	6	11
20	Advances in magnetic resonance imaging methods for the evaluation of bipolar disorder. <i>CNS Spectrums</i> , 2006 , 11, 269-80	1.8	10
19	A tryptamine-paeonol hybridization compound inhibits LPS-mediated inflammation in BV2 cells. <i>Neurochemistry International</i> , 2016 , 100, 35-43	4.4	10
18	A double-hit of stress and low-grade inflammation on functional brain network mediates posttraumatic stress symptoms. <i>Nature Communications</i> , 2020 , 11, 1898	17.4	10
17	Altered attentional control over the salience network in complex regional pain syndrome. <i>Scientific Reports</i> , 2018 , 8, 7466	4.9	9
16	Peripheral Biomarker Candidates of Posttraumatic Stress Disorder. <i>Experimental Neurobiology</i> , 2015 , 24, 186-96	4	9

15	Prefrontal Cortical Thickness Deficit in Detoxified Alcohol-dependent Patients. <i>Experimental Neurobiology</i> , 2016 , 25, 333-341	4	9
14	Diverging roles of the anterior insula in trauma-exposed individuals vulnerable or resilient to posttraumatic stress disorder. <i>Scientific Reports</i> , 2019 , 9, 15539	4.9	7
13	Altered functional connectivity in the fear network of firefighters with repeated traumatic stress. <i>British Journal of Psychiatry</i> , 2019 , 214, 347-353	5.4	7
12	FKBP5-associated miRNA signature as a putative biomarker for PTSD in recently traumatized individuals. <i>Scientific Reports</i> , 2020 , 10, 3353	4.9	6
11	Prefronto-temporal white matter microstructural alterations 20 years after the diagnosis of type 1 diabetes mellitus. <i>Pediatric Diabetes</i> , 2018 , 19, 478-485	3.6	6
10	Morphometric abnormalities of the lateral ventricles in methamphetamine-dependent subjects. <i>Drug and Alcohol Dependence</i> , 2013 , 131, 222-9	4.9	5
9	Age-specific influences of emotional distress on performance status in cancer patients. <i>Psycho-Oncology</i> , 2013 , 22, 2220-6	3.9	5
8	Immunohistochemical Localization of Translationally Controlled Tumor Protein in Axon Terminals of Mouse Hippocampal Neurons. <i>Experimental Neurobiology</i> , 2017 , 26, 82-89	4	4
7	Elevating the level of hypoxia inducible factor may be a new potential target for the treatment of depression. <i>Medical Hypotheses</i> , 2021 , 146, 110398	3.8	4
6	Decreased functional connectivity within the salience network after two-week morning bright light exposure in individuals with sleep disturbances: a preliminary randomized controlled trial. <i>Sleep Medicine</i> , 2020 , 74, 66-72	4.6	3
5	Prefrontal White Matter Abnormalities Associated With Pain Catastrophizing in Patients With Complex Regional Pain Syndrome. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021 , 102, 216-224	2.8	2
4	Effects of Korean red ginseng on human gray matter volume and cognitive function: A voxel-based morphometry study. <i>Human Psychopharmacology</i> , 2021 , 36, e2767	2.3	1
3	Altered functional activity in bipolar disorder: A comprehensive review from a large-scale network perspective. <i>Brain and Behavior</i> , 2021 , 11, e01953	3.4	1
2	Effects of cytidine-5'diphosphate choline on gray matter volumes in methamphetamine-dependent patients: A randomized, double-blind, placebo-controlled study. <i>Journal of Psychiatric Research</i> , 2021 , 143, 215-221	5.2	0
1	Differential alterations in brain structural network organization during addiction between adolescents and adults.. <i>Psychological Medicine</i> , 2022 , 1-12	6.9	