

Eosu Kim

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,824
citations

304602

22
h-index

289141

40
g-index

62
all docs

62
docs citations

62
times ranked

3740
citing authors

#	ARTICLE	IF	CITATIONS
1	Technical and clinical aspects of cortisol as a biochemical marker of chronic stress. <i>BMB Reports</i> , 2015, 48, 209-216.	1.1	274
2	TDP-43 gains function due to perturbed autoregulation in a Tardbp knock-in mouse model of ALS-FTD. <i>Nature Neuroscience</i> , 2018, 21, 552-563.	7.1	181
3	A carbon nanotube metal semiconductor field effect transistor-based biosensor for detection of amyloid-beta in human serum. <i>Biosensors and Bioelectronics</i> , 2013, 50, 345-350.	5.3	118
4	Leukocyte mitochondrial DNA (mtDNA) content is associated with depression in old women. <i>Archives of Gerontology and Geriatrics</i> , 2011, 53, e218-e221.	1.4	71
5	Agmatine ameliorates type 2 diabetes induced-Alzheimer's disease-like alterations in high-fat diet-fed mice via reactivation of blunted insulin signalling. <i>Neuropharmacology</i> , 2017, 113, 467-479.	2.0	69
6	Atrial Fibrillation Catheter Ablation Improves 1-Year Follow-Up Cognitive Function, Especially in Patients With Impaired Cognitive Function. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007197.	2.1	66
7	Reduced activation in the mirror neuron system during a virtual social cognition task in euthymic bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1409-1416.	2.5	63
8	Organotypic hippocampal slice culture from the adult mouse brain: A versatile tool for translational neuropsychopharmacology. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 41, 36-43.	2.5	57
9	Low-dose pioglitazone can ameliorate learning and memory impairment in a mouse model of dementia by increasing LRP1 expression in the hippocampus. <i>Scientific Reports</i> , 2019, 9, 4414.	1.6	55
10	A Preliminary Investigation of $\hat{\pm}$ -Lipoic Acid Treatment of Antipsychotic Drug-Induced Weight Gain in Patients With Schizophrenia. <i>Journal of Clinical Psychopharmacology</i> , 2008, 28, 138-146.	0.7	52
11	Bright illumination reduces parietal EEG alpha activity during a sustained attention task. <i>Brain Research</i> , 2013, 1538, 83-92.	1.1	44
12	Mammillothalamic functional connectivity and memory function in Wernicke's encephalopathy. <i>Brain</i> , 2009, 132, 369-376.	3.7	40
13	Lipidomic alterations in lipoproteins of patients with mild cognitive impairment and Alzheimer's disease by asymmetrical flow field-flow fractionation and nanoflow ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1568, 91-100.	1.8	40
14	Metabolomic Signatures in Peripheral Blood Associated with Alzheimer's Disease Amyloid- $\hat{2}$ -Induced Neuroinflammation. <i>Journal of Alzheimer's Disease</i> , 2014, 42, 421-433.	1.2	32
15	Association of metformin use with Alzheimer's disease in patients with newly diagnosed type 2 diabetes: a population-based nested case-control study. <i>Scientific Reports</i> , 2021, 11, 24069.	1.6	31
16	Adjunctive $\hat{\pm}$ -lipoic acid reduces weight gain compared with placebo at 12 weeks in schizophrenic patients treated with atypical antipsychotics. <i>International Clinical Psychopharmacology</i> , 2016, 31, 265-274.	0.9	28
17	Particulate matter increases beta-amyloid and activated glial cells in hippocampal tissues of transgenic Alzheimer's mouse: Involvement of PARP-1. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 333-338.	1.0	28
18	The role of orexin in post-stroke inflammation, cognitive decline, and depression. <i>Molecular Brain</i> , 2015, 8, 16.	1.3	27

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19	AMPK γ 2 subunit gene PRKAG2 polymorphism associated with cognitive impairment as well as diabetes in old age. <i>Psychoneuroendocrinology</i> , 2012, 37, 358-365.	1.3	26
20	Illumination influences working memory: An EEG study. <i>Neuroscience</i> , 2013, 247, 386-394.	1.1	26
21	Deficits in Eye Gaze During Negative Social Interactions in Patients With Schizophrenia. <i>Journal of Nervous and Mental Disease</i> , 2010, 198, 829-835.	0.5	25
22	Utility of the Montreal Cognitive Assessment (MoCA) and its subset in HIV-associated neurocognitive disorder (HAND) screening. <i>Journal of Psychosomatic Research</i> , 2016, 80, 53-57.	1.2	25
23	Exposure of ultrafine particulate matter causes glutathione redox imbalance in the hippocampus: A neurometabolic susceptibility to Alzheimer's pathology. <i>Science of the Total Environment</i> , 2020, 718, 137267.	3.9	24
24	Optimizing reproducibility of operant testing through reinforcer standardization: identification of key nutritional constituents determining reward strength in touchscreens. <i>Molecular Brain</i> , 2017, 10, 31.	1.3	23
25	Effects of Color Temperature and Brightness on Electroencephalogram Alpha Activity in a Polychromatic Light-emitting Diode. <i>Clinical Psychopharmacology and Neuroscience</i> , 2013, 11, 126-131.	0.9	22
26	Cholinesterase Inhibitor Donepezil Increases Mitochondrial Biogenesis through AMP-Activated Protein Kinase in the Hippocampus. <i>Neuropsychobiology</i> , 2016, 73, 81-91.	0.9	22
27	Assessment of mGluR5 KO mice under conditions of low stress using a rodent touchscreen apparatus reveals impaired behavioural flexibility driven by perseverative responses. <i>Molecular Brain</i> , 2019, 12, 37.	1.3	22
28	Nonverbal Social Behaviors of Patients With Bipolar Mania During Interactions With Virtual Humans. <i>Journal of Nervous and Mental Disease</i> , 2009, 197, 412-418.	0.5	21
29	Agmatine Ameliorates High Glucose-Induced Neuronal Cell Senescence by Regulating the p21 and p53 Signaling. <i>Experimental Neurobiology</i> , 2016, 25, 24-32.	0.7	21
30	Long-Term Culture of Organotypic Hippocampal Slice from Old 3xTg-AD Mouse: An ex vivo Model of Alzheimer's Disease. <i>Psychiatry Investigation</i> , 2018, 15, 205-213.	0.7	21
31	Effect of hypertension on the resting-state functional connectivity in patients with Alzheimer's disease (AD). <i>Archives of Gerontology and Geriatrics</i> , 2015, 60, 210-216.	1.4	20
32	Plasma Clusterin as a Potential Link Between Diabetes and Alzheimer Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3058-3068.	1.8	19
33	Is the GABA System Related to the Social Competence Improvement Effect of Aripiprazole? An 18 F-Fluorofluminazenil PET Study. <i>Psychiatry Investigation</i> , 2013, 10, 75.	0.7	19
34	Hyperpolarized $[1-^{13}C]$ pyruvate MR spectroscopy detect altered glycolysis in the brain of a cognitively impaired mouse model fed high-fat diet. <i>Molecular Brain</i> , 2018, 11, 74.	1.3	15
35	Assessment of Cognitive Impairment in a Mouse Model of High-Fat Diet-Induced Metabolic Stress with Touchscreen-Based Automated Battery System. <i>Experimental Neurobiology</i> , 2018, 27, 277-286.	0.7	15
36	Hyperpolarized $[1-^{13}C]$ lactate flux increased in the hippocampal region in diabetic mice. <i>Molecular Brain</i> , 2019, 12, 88.	1.3	15

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37	Requirement of AMPK activation for neuronal metabolic-enhancing effects of antidepressant paroxetine. <i>NeuroReport</i> , 2015, 26, 424-428.	0.6	14
38	Hair sterol signatures coupled to multivariate data analysis reveal an increased 7 β -hydroxycholesterol production in cognitive impairment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 155, 9-17.	1.2	14
39	Altered Neural Basis of the Reality Processing and Its Relation to Cognitive Insight in Schizophrenia. <i>PLoS ONE</i> , 2015, 10, e0120478.	1.1	13
40	Blunted response of hippocampal AMPK associated with reduced neurogenesis in older versus younger mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 71, 57-65.	2.5	12
41	Impairment of insulin receptor substrate 1 signaling by insulin resistance inhibits neurite outgrowth and aggravates neuronal cell death. <i>Neuroscience</i> , 2015, 301, 26-38.	1.1	11
42	Relationship Between Adipokines, Cognition, and Brain Structures in Old Age Depending on Obesity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 120-128.	1.7	11
43	Contribution of fronto-striatal regions to emotional valence and repetition under cognitive conflict. <i>Brain Research</i> , 2017, 1666, 48-57.	1.1	10
44	Calcium influx-mediated translocation of <i>c</i> -calpain induces Ku80 cleavage and enhances the Ku80-related DNA repair pathway. <i>Oncotarget</i> , 2016, 7, 30831-30844.	0.8	10
45	Phosphorylation of hypothalamic AMPK on serine485/491 related to sustained weight loss by alpha-lipoic acid in mice treated with olanzapine. <i>Psychopharmacology</i> , 2014, 231, 4059-4069.	1.5	9
46	Involvement of amygdala-prefrontal dysfunction in the influence of negative emotion on the resolution of cognitive conflict in patients with schizophrenia. <i>Brain and Behavior</i> , 2018, 8, e01064.	1.0	9
47	Loss of association between plasma irisin levels and cognition in Alzheimer's disease. <i>Psychoneuroendocrinology</i> , 2022, 136, 105624.	1.3	7
48	Diagnostic Value of Time-Constrained Naming Test in Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 44, 171-181.	0.7	6
49	Restoration of mammillothalamic functional connectivity through thiamine replacement therapy in Wernicke's encephalopathy. <i>Neuroscience Letters</i> , 2010, 479, 257-261.	1.0	5
50	Emotional Priming With Facial Exposures in Euthymic Patients With Bipolar Disorder. <i>Journal of Nervous and Mental Disease</i> , 2011, 199, 971-977.	0.5	5
51	The relationship between self-referential processing-related brain activity and anhedonia in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2016, 254, 112-118.	0.9	5
52	Coexistence of perseveration and apathy in the TDP-43Q331K knock-in mouse model of ALS-FTD. <i>Translational Psychiatry</i> , 2020, 10, 377.	2.4	5
53	Suppression of AIMP1 protects cognition in Alzheimer's disease model mice 3xTg-AD. <i>NeuroReport</i> , 2017, 28, 82-86.	0.6	4
54	Translational cognitive neuroscience of dementia with touchscreen operant chambers. <i>Genes, Brain and Behavior</i> , 2021, 20, e12664.	1.1	4

#	ARTICLE	IF	CITATIONS
55	Pioglitazone use associated with reduced risk of the first attack of ischemic stroke in patients with newly onset type 2 diabetes: a nationwide nested case-control study. Cardiovascular Diabetology, 2021, 20, 152.	2.7	3
56	Association of cognitive enhancers and incident seizure risk in dementia: a population-based study. BMC Geriatrics, 2022, 22, .	1.1	2
57	Response by Jin et al to Letter Regarding Article, "Atrial Fibrillation Catheter Ablation Improves 1-Year Follow-Up Cognitive Function, Especially in Patients With Impaired Cognitive Function": Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007880.	2.1	1
58	7Î²-hydroxycholesterol increases amyloidogenic pathway and may serve as a peripheral biomarker of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e041703.	0.4	0