

Seonjoo Lee

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

2,891
citations

279487

23
h-index

197535

49
g-index

118
all docs

118
docs citations

118
times ranked

5297
citing authors

#	ARTICLE	IF	CITATIONS
1	White matter hyperintensities are a core feature of Alzheimer's disease: Evidence from the dominantly inherited Alzheimer network. <i>Annals of Neurology</i> , 2016, 79, 929-939.	2.8	381
2	Olfactory deficits predict cognitive decline and Alzheimer dementia in an urban community. <i>Neurology</i> , 2015, 84, 182-189.	1.5	248
3	Distress During Pregnancy: Epigenetic Regulation of Placenta Glucocorticoid-Related Genes and Fetal Neurobehavior. <i>American Journal of Psychiatry</i> , 2016, 173, 705-713.	4.0	227
4	Maternal prenatal stress phenotypes associate with fetal neurodevelopment and birth outcomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23996-24005.	3.3	131
5	Differential involvement of striato- and cerebello-thalamo-cortical pathways in tremor- and akinetic/rigid-predominant Parkinson's disease. <i>Neuroscience</i> , 2011, 177, 230-239.	1.1	126
6	Heart rate variability predicts levels of inflammatory markers: Evidence for the vagal anti-inflammatory pathway. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 94-100.	2.0	111
7	Olfactory identification deficits and increased mortality in the community. <i>Annals of Neurology</i> , 2015, 78, 401-411.	2.8	107
8	Effect of aerobic exercise on cognition in younger adults. <i>Neurology</i> , 2019, 92, e905-e916.	1.5	101
9	Increased functional connectivity between the default mode and salience networks in unmedicated adults with obsessive-compulsive disorder. <i>Human Brain Mapping</i> , 2017, 38, 678-687.	1.9	62
10	PREPP: postpartum depression prevention through the motherâ€“infant dyad. <i>Archives of Women's Mental Health</i> , 2016, 19, 229-242.	1.2	53
11	Vagally-mediated heart rate variability and indices of well-being: Results of a nationally representative study.. <i>Health Psychology</i> , 2017, 36, 73-81.	1.3	52
12	White matter hyperintensities and the mediating role of cerebral amyloid angiopathy in dominantly-inherited Alzheimerâ€™s disease. <i>PLoS ONE</i> , 2018, 13, e0195838.	1.1	51
13	Pregnancy distress gets under fetal skin: Maternal ambulatory assessment & sex differences in prenatal development. <i>Developmental Psychobiology</i> , 2015, 57, 607-625.	0.9	50
14	Associations Among Child Abuse, Depression, and Interleukin-6 in Pregnant Adolescents: Paradoxical Findings. <i>Psychosomatic Medicine</i> , 2016, 78, 920-930.	1.3	47
15	Omega-3 polyunsaturated fatty acid supplementation and white matter changes in major depression. <i>Journal of Psychiatric Research</i> , 2016, 75, 65-74.	1.5	44
16	The association between antidepressant treatment and brain connectivity in two double-blind, placebo-controlled clinical trials: a treatment mechanism study. <i>Lancet Psychiatry</i> , 2019, 6, 667-674.	3.7	44
17	Microglial activation, but not tau pathology, is independently associated with amyloid positivity and memory impairment. <i>Neurobiology of Aging</i> , 2020, 85, 11-21.	1.5	42
18	Increased Functional Connectivity Between Ventral Attention and Default Mode Networks in Adolescents With Bulimia Nervosa. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 232-241.	0.3	32

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19	Psychiatric symptoms in preclinical behavioural-variant frontotemporal dementia in <i>MAPT</i> mutation carriers. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 449-455.	0.9	31
20	Brain Regions Involved in Arousal and Reward Processing are Associated with Apathy in Alzheimer's Disease and Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 551-558.	1.2	30
21	Personalised treatment for cognitive dysfunction in individuals with schizophrenia spectrum disorders. <i>Neuropsychological Rehabilitation</i> , 2018, 28, 602-613.	1.0	30
22	Odor Identification Ability Predicts PET Amyloid Status and Memory Decline in Older Adults. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1759-1766.	1.2	27
23	Altered cortical thickness and attentional deficits in adolescent girls and women with bulimia nervosa. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 151-160.	1.4	27
24	Cognitive Deficit and Mental Health in Homeless Transition-Age Youth. <i>Pediatrics</i> , 2014, 134, e138-e145.	1.0	26
25	Low Dose Lithium Treatment of Behavioral Complications in Alzheimer's Disease: Lit-AD Randomized Clinical Trial. <i>American Journal of Geriatric Psychiatry</i> , 2022, 30, 32-42.	0.6	26
26	Associations Between Neuropsychiatric Symptoms and Neuropathological Diagnoses of Alzheimer Disease and Related Dementias. <i>JAMA Psychiatry</i> , 2022, 79, 359.	6.0	26
27	Impacts of variants of uncertain significance on parental perceptions of children after prenatal chromosome microarray testing. <i>Prenatal Diagnosis</i> , 2018, 38, 740-747.	1.1	25
28	Olfactory Impairment Is Related to Tau Pathology and Neuroinflammation in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1051-1065.	1.2	25
29	Independent Component Analysis Involving Autocorrelated Sources With an Application to Functional Magnetic Resonance Imaging. <i>Journal of the American Statistical Association</i> , 2011, 106, 1009-1024.	1.8	24
30	Neuropsychiatric effects of neurodegeneration of the medial versus lateral ventral prefrontal cortex in humans. <i>Cortex</i> , 2015, 73, 1-9.	1.1	24
31	The relationship between white matter hyperintensities and cognitive reference abilities across the life span. <i>Neurobiology of Aging</i> , 2019, 83, 31-41.	1.5	24
32	Diagnosis and prognosis of Alzheimer's disease using brain morphometry and white matter connectomes. <i>NeuroImage: Clinical</i> , 2019, 23, 101859.	1.4	24
33	Cognitive Indicators of Preclinical Behavioral Variant Frontotemporal Dementia in <i>MAPT</i> Carriers. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 184-194.	1.2	24
34	Resting-state connectivity within and across neural circuits in anorexia nervosa. <i>Brain and Behavior</i> , 2019, 9, e01205.	1.0	23
35	Poisson factor models with applications to non-normalized microRNA profiling. <i>Bioinformatics</i> , 2013, 29, 1105-1111.	1.8	22
36	A Multicenter, Rater-Blinded, Randomized Controlled Study of Auditory Processing-Focused Cognitive Remediation Combined With Open-Label Lurasidone in Patients With Schizophrenia and Schizoaffective Disorder. <i>Journal of Clinical Psychiatry</i> , 2016, 77, 799-806.	1.1	22

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37	Relation of Platelet Count to Bleeding and Vascular Complications in Patients Undergoing Coronary Angiography. <i>American Journal of Cardiology</i> , 2010, 105, 1219-1222.	0.7	21
38	Prediction of Relapse After Discontinuation of Antipsychotic Treatment in Alzheimer's Disease: The Role of Hallucinations. <i>American Journal of Psychiatry</i> , 2017, 174, 362-369.	4.0	21
39	Intact global cognitive and olfactory ability predicts lack of transition to dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, 326-334.	0.4	21
40	Reduced Inferior and Orbital Frontal Thickness in Adolescent Bulimia Nervosa Persists Over Two-Year Follow-Up. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 866-874.e7.	0.3	20
41	Classifying multiple sclerosis patients on the basis of SDMT performance using machine learning. <i>Multiple Sclerosis Journal</i> , 2021, 27, 107-116.	1.4	19
42	Selective association between cortical thickness and reference abilities in normal aging. <i>NeuroImage</i> , 2016, 142, 293-300.	2.1	18
43	Cognitive Skills Training for Homeless Transition-Age Youth. <i>Journal of Nervous and Mental Disease</i> , 2017, 205, 859-866.	0.5	16
44	Maternal childhood adversity and inflammation during pregnancy: Interactions with diet quality and depressive symptoms. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 172-180.	2.0	16
45	Episodic memory performance in a multi-ethnic longitudinal study of 13,037 elderly. <i>PLoS ONE</i> , 2018, 13, e0206803.	1.1	15
46	Sex Moderates the Effect of Aerobic Exercise on Some Aspects of Cognition in Cognitively Intact Younger and Middle-Age Adults. <i>Journal of Clinical Medicine</i> , 2019, 8, 886.	1.0	15
47	Personality-cognition associations across the adult life span and potential moderators: Results from two cohorts. <i>Journal of Personality</i> , 2020, 88, 1025-1039.	1.8	15
48	Association of Maternal Prepregnancy Body Mass Index With Fetal Growth and Neonatal Thalamic Brain Connectivity Among Adolescent and Young Women. <i>JAMA Network Open</i> , 2020, 3, e2024661.	2.8	15
49	Parameters of Consultee Satisfaction With Inpatient Academic Psychiatric Consultation Services: A Multicenter Study. <i>Psychosomatics</i> , 2015, 56, 262-267.	2.5	14
50	Subcortical Shape Abnormalities in Bulimia Nervosa. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 1070-1079.	1.1	14
51	Dynamic Patterns of Brain Structure-Behavior Correlation Across the Lifespan. <i>Cerebral Cortex</i> , 2017, 27, 3586-3599.	1.6	13
52	Effects of restriction of activities and social isolation on risk of dementia in the community. <i>International Psychogeriatrics</i> , 2021, 33, 1207-1215.	0.6	13
53	Epigenetic Intergenerational Transmission: Mothers' Adverse Childhood Experiences and DNA Methylation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 900-901.	0.3	13
54	Patterns of tau pathology identified with 18 F- ¹⁸ F PET imaging. <i>Alzheimer's and Dementia</i> , 2021, , .	0.4	12

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55	Long-Term Testâ€“Retest Reliability of the UPSIT in Cognitively Intact Older Adults. <i>Chemical Senses</i> , 2019, 44, 365-369.	1.1	11
56	Differences in brain structure and function in children with the FTO obesityâ€“risk allele. <i>Obesity Science and Practice</i> , 2020, 6, 409-424.	1.0	11
57	Causal effects of psychostimulants on neural connectivity: a mechanistic, randomized clinical trial. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2022, 63, 1381-1391.	3.1	11
58	Major depressive disorder during pregnancy: Psychiatric medications have minimal effects on the fetus and infant yet development is compromised. <i>Development and Psychopathology</i> , 2018, 30, 773-785.	1.4	10
59	Structural Brain Changes in Pre-Clinical FTD MAPT Mutation Carriers. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 595-606.	1.2	10
60	Phase I randomized single-blinded controlled study investigating the potential benefit of aerobic exercise in degenerative cerebellar disease. <i>Clinical Rehabilitation</i> , 2020, 34, 584-594.	1.0	10
61	Intra-session test-retest reliability of functional connectivity in infants. <i>NeuroImage</i> , 2021, 239, 118284.	2.1	10
62	The Effect of Hostility Reduction on Autonomic Control of the Heart and Vasculature. <i>Psychosomatic Medicine</i> , 2016, 78, 481-491.	1.3	9
63	Associations of Maternal Prenatal Stress and Depressive Symptoms With Childhood Neurobehavioral Outcomes in the ECHO Cohort of the NICHD Fetal Growth Studies: Fetal Growth Velocity as a Potential Mediator. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1155-1167.	0.3	9
64	Cortical thickness predicts remission of depression with antidepressants in patients with late-life depression and cognitive impairment. <i>Journal of Affective Disorders</i> , 2021, 295, 438-445.	2.0	8
65	Neonatal brain metabolite concentrations: Associations with age, sex, and developmental outcomes. <i>PLoS ONE</i> , 2020, 15, e0243255.	1.1	8
66	Altered cortical structure network in children with obstructive sleep apnea. <i>Sleep</i> , 2022, 45, .	0.6	8
67	Brain activity classifies adolescents with and without a familial history of substance use disorders. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 219.	1.0	7
68	Effect of sleep on upper airway dynamics in obese adolescents with obstructive sleep apnea syndrome. <i>Sleep</i> , 2020, 43, .	0.6	7
69	Effect of Aerobic Exercise on White Matter Tract Microstructure in Young and Middle-Aged Healthy Adults. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 681634.	1.0	7
70	Brain Regions Associated With Internalizing and Externalizing Psychiatric Symptoms in Patients With Penetrating Traumatic Brain Injury. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2016, 28, 104-111.	0.9	6
71	An M-estimator for reduced-rank system identification. <i>Pattern Recognition Letters</i> , 2017, 86, 76-81.	2.6	6
72	Preventing maternal mental health disorders in the context of poverty: pilot efficacy of a dyadic intervention. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2020, 2, 100230.	1.3	5

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73	Effect of Functional BDNF and COMT Polymorphisms on Symptoms and Regional Brain Volume in Frontotemporal Dementia and Corticobasal Syndrome. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2020, 32, 362-369.	0.9	5
74	Phase I <sc>Single-blind</sc> Randomized Controlled Trial Comparing Balance and Aerobic Training in Degenerative Cerebellar Disease. <i>PM and R</i> , 2021, 13, 364-371.	0.9	5
75	Pregnancy-specific stress and sensitive caregiving during the transition to motherhood in adolescents. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 458.	0.9	5
76	Perinatal depression prevention through the mother-infant dyad: The role of maternal childhood maltreatment. <i>Journal of Affective Disorders</i> , 2021, 290, 188-196.	2.0	5
77	Self-awareness for financial decision making abilities is linked to right temporal cortical thickness in older adults. <i>Brain Imaging and Behavior</i> , 2022, 16, 1139-1147.	1.1	5
78	Statistical image analysis of longitudinal RAVENS images. <i>Frontiers in Neuroscience</i> , 2015, 9, 368.	1.4	4
79	fMRI-guided white matter connectivity in fluid and crystallized cognitive abilities in healthy adults. <i>NeuroImage</i> , 2020, 215, 116809.	2.1	4
80	Development of novel measures for Alzheimer's disease prevention trials (NoMAD). <i>Contemporary Clinical Trials</i> , 2021, 106, 106425.	0.8	4
81	Added sugar intake during pregnancy: Fetal behavior, birth outcomes, and placental DNA methylation. <i>Developmental Psychobiology</i> , 2021, 63, 878-889.	0.9	4
82	Pregnant women with bipolar disorder who have a history of childhood maltreatment: Intergenerational effects of trauma on fetal neurodevelopment and birth outcomes. <i>Bipolar Disorders</i> , 2022, 24, 671-682.	1.1	4
83	Development of the short version of the Gynecologic Cancer Lymphedema Questionnaire: GCLQ-7. <i>Journal of Gynecologic Oncology</i> , 2017, 28, e9.	1.0	3
84	Shared genetic factors, fetal programming, and the transmission of depression. <i>Lancet Psychiatry</i> , the, 2018, 5, 771-773.	3.7	3
85	P4A: INTACT GLOBAL COGNITIVE AND OLFACTORY ABILITIES PREDICT LACK OF TRANSITION TO DEMENTIA. <i>Alzheimer's and Dementia</i> , 2019, 15, P1535.	0.4	3
86	DNA methylation patterns in T lymphocytes are generally stable in human pregnancies but CD3 methylation is associated with perinatal psychiatric symptoms. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 3, 100044.	1.3	3
87	The role of neural flexibility in cognitive aging. <i>NeuroImage</i> , 2022, 247, 118784.	2.1	3
88	409. Both Odor Identification and Amyloid Status Predict Memory Decline in Older Adults. <i>Biological Psychiatry</i> , 2017, 81, S167.	0.7	2
89	Logistic regression error–covariate models for longitudinal high–dimensional covariates. <i>Stat</i> , 2019, 8, e246.	0.3	2
90	Ambulatory Blood Pressure Trajectory and Perceived Stress in Relation to Birth Outcomes in Healthy Pregnant Adolescents. <i>Psychosomatic Medicine</i> , 2019, 81, 464-476.	1.3	2

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91	Rapid antigen testing by community health workers for detection of SARS-CoV-2 in Dhaka, Bangladesh: a cross-sectional study. <i>BMJ Open</i> , 2022, 12, e060832.	0.8	2
92	Clustering of High Dimensional Longitudinal Imaging Data. , 2013, , .		1
93	O2â€³â€²: are White Matter Hyperintensities a Core Feature of Alzheimerâ€™s Disease or Just a Reflection of Amyloid Angiopathy? Evidence From the Dominantly Inherited Alzheimer Network (DIAN). <i>Alzheimer's and Dementia</i> , 2016, 12, P226.	0.4	1
94	O3â€³â€²: Predictive Utility of Entorhinal Cortex Thinning and Odor Identification Test for Transition To Dementia and Cognitive Decline in An Urban Community Population. <i>Alzheimer's and Dementia</i> , 2016, 12, P316.	0.4	1
95	Sampling properties of color Independent Component Analysis. <i>Journal of Multivariate Analysis</i> , 2021, 181, 104692.	0.5	1
96	Nature vs. Nurture in Precision Education: Insights of Parents and the Public. <i>AJOB Empirical Bioethics</i> , 2021, , 1-10.	0.8	1
97	Home Aerobic Training for Cerebellar Degenerative Diseases: a Randomized Controlled Trial. <i>Cerebellum</i> , 2023, 22, 272-281.	1.4	1
98	Anxiety throughout Alzheimerâ€™s disease progression: In mice and (wo)men. <i>Alzheimer's and Dementia</i> , 2021, 17, e051065.	0.4	1
99	P424. Epigenetic Intergenerational Transmission: Mothersâ€™ Adverse Childhood Experiences and DNA Methylation. <i>Biological Psychiatry</i> , 2022, 91, S259.	0.7	1
100	Evaluating model misspecification in independent component analysis. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 1151-1164.	0.7	0
101	O1-13-02: Prediction of Relapse Following Discontinuation of Antipsychotic Treatment in Alzheimer's Disease: the Role of Hallucinations. , 2016, 12, P208-P209.		0
102	O3â€³â€²: Both Odor Identification and Amyloid Status Predict Memory Decline in Older Adults. <i>Alzheimer's and Dementia</i> , 2016, 12, P316.	0.4	0
103	P3â€³17: INDIVIDUALIZED STRUCTURAL CONNECTOME FOR DIAGNOSTIC AND PROGNOSTIC PREDICTION OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1266.	0.4	0
104	F73. Neural Markers of Longer Term Outcome in Anorexia Nervosa. <i>Biological Psychiatry</i> , 2018, 83, S266.	0.7	0
105	O20. Increased Functional Connectivity Between Ventral Attention and Default Mode Networks in Adolescents With Bulimia Nervosa. <i>Biological Psychiatry</i> , 2018, 83, S116.	0.7	0
106	F72. Effect of Weight Restoration on Neural Networks Associated With Rumination in Anorexia Nervosa. <i>Biological Psychiatry</i> , 2018, 83, S265-S266.	0.7	0
107	Using anxiety as a sex-specific neuropsychiatric biomarker of Alzheimerâ€™s disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e037201.	0.4	0
108	Dependence clusters in Alzheimerâ€™s disease and Medicare expenditures: A longitudinal analysis from the Predictors Study. <i>Alzheimer's and Dementia</i> , 2020, 16, e041558.	0.4	0

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109	Sex Differences in Cognition, Neuropsychiatric Symptoms, and Sleep in an Alzheimer's Disease Mouse Model. <i>Biological Psychiatry</i> , 2021, 89, S116.	0.7	0
110	Dr Kantrowitz and Colleagues Reply. <i>Journal of Clinical Psychiatry</i> , 2016, 77, e1353-e1353.	1.1	0
111	Dependence Clusters in Alzheimer Disease and Medicare Expenditures. <i>Alzheimer Disease and Associated Disorders</i> , 2020, 34, 293-298.	0.6	0