

Jun-Young Lee

List of Publications by Year in descending order

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141
papers

5,259
citations

81900

39
h-index

98798

67
g-index

145
all docs

145
docs citations

145
times ranked

7429
citing authors

#	ARTICLE	IF	CITATIONS
1	Brief Screening for Mild Cognitive Impairment in Elderly Outpatient Clinic: Validation of the Korean Version of the Montreal Cognitive Assessment. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2008, 21, 104-110.	2.3	396
2	Regional cerebral cortical thinning in bipolar disorder. <i>Bipolar Disorders</i> , 2006, 8, 65-74.	1.9	266
3	Impulsivity in Internet Addiction: A Comparison with Pathological Gambling. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2012, 15, 373-377.	3.9	203
4	An Isolated DC/DC Converter Using High-Frequency Unregulated \$LLC\$ Resonant Converter for Fuel Cell Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2011, 58, 2926-2934.	7.9	200
5	A Nationwide Survey on the Prevalence of Dementia and Mild Cognitive Impairment in South Korea. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 281-291.	2.6	158
6	A Bidirectional Wireless Power Transfer EV Charger Using Self-Resonant PWM. <i>IEEE Transactions on Power Electronics</i> , 2015, 30, 1784-1787.	7.9	140
7	Similarities and differences among Internet gaming disorder, gambling disorder and alcohol use disorder: A focus on impulsivity and compulsivity. <i>Journal of Behavioral Addictions</i> , 2014, 3, 246-253.	3.7	133
8	Lifetime Prevalence and Correlates of Suicidal Ideation, Plan, and Single and Multiple Attempts in a Korean Nationwide Study. <i>Journal of Nervous and Mental Disease</i> , 2010, 198, 643-646.	1.0	126
9	Resting-state beta and gamma activity in Internet addiction. <i>International Journal of Psychophysiology</i> , 2013, 89, 328-333.	1.0	126
10	Cross-national difference in the prevalence of depression caused by the diagnostic threshold. <i>Journal of Affective Disorders</i> , 2008, 106, 159-167.	4.1	120
11	6.6-kW Onboard Charger Design Using DCM PFC Converter With Harmonic Modulation Technique and Two-Stage DC/DC Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 1243-1252.	7.9	112
12	Prevalence and Correlates of DSM-IV Mental Disorders in South Korean Adults: The Korean Epidemiologic Catchment Area Study 2011. <i>Psychiatry Investigation</i> , 2015, 12, 164.	1.6	101
13	Dysfunctional inhibitory control and impulsivity in Internet addiction. <i>Psychiatry Research</i> , 2014, 215, 424-428.	3.3	100
14	Altered Brain Activity during Reward Anticipation in Pathological Gambling and Obsessive-Compulsive Disorder. <i>PLoS ONE</i> , 2012, 7, e45938.	2.5	94
15	A nationwide survey on the prevalence and risk factors of late life depression in South Korea. <i>Journal of Affective Disorders</i> , 2012, 138, 34-40.	4.1	92
16	The effect of repeated exposure to virtual gambling cues on the urge to gamble. <i>Addictive Behaviors</i> , 2015, 41, 61-64.	3.0	90
17	Unplanned versus planned suicide attempters, precipitants, methods, and an association with mental disorders in a Korea-based community sample. <i>Journal of Affective Disorders</i> , 2010, 127, 274-280.	4.1	86
18	An Isolated/Bidirectional PWM Resonant Converter for V2G(H) EV On-Board Charger. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 7741-7750.	6.3	77

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19	Prevalence of DSM-IV major mental disorders among Korean adults: A 2006 National Epidemiologic Survey (KECA-R). <i>Asian Journal of Psychiatry</i> , 2010, 3, 26-30.	2.0	70
20	The effects of behavioral inhibition/approach system as predictors of Internet addiction in adolescents. <i>Personality and Individual Differences</i> , 2013, 54, 7-11.	2.9	68
21	Resting-state regional homogeneity as a biological marker for patients with Internet gaming disorder: A comparison with patients with alcohol use disorder and healthy controls. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 60, 104-111.	4.8	65
22	Clinical Characteristics of a Nationwide Hospital-based Registry of Mild-to-Moderate Alzheimer's Disease Patients in Korea: A CREDOS (Clinical Research Center for Dementia of South Korea) Study. <i>Journal of Korean Medical Science</i> , 2011, 26, 1219.	2.5	63
23	Partial versus full PTSD in the Korean community: prevalence, duration, correlates, comorbidity, and dysfunctions. <i>Depression and Anxiety</i> , 2007, 24, 577-585.	4.1	61
24	Design of an Isolated DC/DC Topology With High Efficiency of Over 97% for EV Fast Chargers. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 11725-11737.	6.3	61
25	Age as a moderator of the association between depressive symptoms and morningness-eveningness. <i>Journal of Psychosomatic Research</i> , 2010, 68, 159-164.	2.6	60
26	Shared psychological characteristics that are linked to aggression between patients with Internet addiction and those with alcohol dependence. <i>Annals of General Psychiatry</i> , 2014, 13, 6.	2.7	58
27	Coffee intake and decreased amyloid pathology in human brain. <i>Translational Psychiatry</i> , 2019, 9, 270.	4.8	58
28	Single- and Three-Phase PHEV Onboard Battery Charger Using Small Link Capacitor. <i>IEEE Transactions on Industrial Electronics</i> , 2013, 60, 3136-3144.	7.9	57
29	BT-11 is effective for enhancing cognitive functions in the elderly humans. <i>Neuroscience Letters</i> , 2009, 465, 157-159.	2.1	54
30	An Electrolytic Capacitor-less Bi-Directional EV On-Board Charger Using Harmonic Modulation Technique. <i>IEEE Transactions on Power Electronics</i> , 2014, 29, 5195-5203.	7.9	54
31	Intellect declines in healthy elderly subjects and cerebellum. <i>Psychiatry and Clinical Neurosciences</i> , 2005, 59, 45-51.	1.8	53
32	Patterns of Reduced Cortical Thickness in Late-Life Depression and Relationship to Psychotherapeutic Response. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, 794-802.	1.2	52
33	Effects of BT-11 on memory in healthy humans. <i>Neuroscience Letters</i> , 2009, 454, 111-114.	2.1	50
34	A Two-Stage Isolated/Bidirectional DC/DC Converter With Current Ripple Reduction Technique. <i>IEEE Transactions on Industrial Electronics</i> , 2012, 59, 644-646.	7.9	50
35	Mortality in Alzheimer's disease: a comparative prospective Korean study in the community and nursing homes. <i>International Journal of Geriatric Psychiatry</i> , 2005, 20, 26-34.	2.7	49
36	Differential resting-state EEG patterns associated with comorbid depression in Internet addiction. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 50, 21-26.	4.8	47

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37	Impact of White Matter Changes on Activities of Daily Living in Mild to Moderate Dementia. <i>European Neurology</i> , 2011, 65, 223-230.	1.4	45
38	The Effect of Subsyndromal Symptoms of Depression and White Matter Lesions on Disability for Individuals with Mild Cognitive Impairment. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, 906-914.	1.2	45
39	The Effect of Repeated Virtual Nicotine Cue Exposure Therapy on the Psychophysiological Responses: A Preliminary Study. <i>Psychiatry Investigation</i> , 2011, 8, 155.	1.6	45
40	Different Associations of Periventricular and Deep White Matter Lesions with Cognition, Neuropsychiatric Symptoms, and Daily Activities in Dementia. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2011, 24, 84-90.	2.3	42
41	Comparison of the Effectiveness of Virtual Cue Exposure Therapy and Cognitive Behavioral Therapy for Nicotine Dependence. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2014, 17, 262-267.	3.9	42
42	DSM-IV psychiatric comorbidity according to symptoms of insomnia: a nationwide sample of Korean adults. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2012, 47, 2019-2033.	3.1	40
43	Impact of childhood exposure to psychological trauma on the risk of psychiatric disorders and somatic discomfort: Single vs. multiple types of psychological trauma. <i>Psychiatry Research</i> , 2014, 219, 443-449.	3.3	40
44	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.	3.7	40
45	Effect of Cognitive Training in Fully Immersive Virtual Reality on Visuospatial Function and Frontal-Occipital Functional Connectivity in Predementia: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e24526.	4.3	40
46	Relationship between Premature Ejaculation and Depression in Korean Males. <i>Journal of Sexual Medicine</i> , 2011, 8, 2062-2070.	0.6	38
47	Sex-specific association of sex hormones and gonadotropins, with brain amyloid and hippocampal neurodegeneration. <i>Neurobiology of Aging</i> , 2017, 58, 34-40.	3.1	38
48	Spatial memory impairments in amnesic mild cognitive impairment in a virtual radial arm maze. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 653.	2.2	37
49	A PWM SRT DC/DC Converter for 6.6-kW EV Onboard Charger. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 894-902.	7.9	37
50	Impact of stigma on use of mental health services by elderly Koreans. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2015, 50, 757-766.	3.1	35
51	Effects of Medial Temporal Atrophy and White Matter Hyperintensities on the Cognitive Functions in Patients with Alzheimer's Disease. <i>European Neurology</i> , 2011, 66, 75-82.	1.4	33
52	The Design of CNN Architectures for Optimal Six Basic Emotion Classification Using Multiple Physiological Signals. <i>Sensors</i> , 2020, 20, 866.	3.8	33
53	Caregiver Burden in Parkinson Disease With Dementia Compared to Alzheimer Disease in Korea. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2012, 25, 222-226.	2.3	32
54	A Single-Phase Battery Charger Design for LEV Based on DC-SRC With Resonant Valley-Fill Circuit. <i>IEEE Transactions on Industrial Electronics</i> , 2015, 62, 2195-2205.	7.9	32

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55	Altered hippocampal volume and functional connectivity in males with Internet gaming disorder comparing to those with alcohol use disorder. <i>Scientific Reports</i> , 2017, 7, 5744.	3.3	31
56	Association study of dopamine D2, D4 receptor gene, GABAA receptor $\hat{\nu}^2$ subunit gene, serotonin transporter gene polymorphism with children of alcoholics in Korea: A preliminary study. <i>Alcohol</i> , 2008, 42, 77-81.	1.7	30
57	Factors Contributing to Spousal and Offspring Caregiver Burden in Parkinson's Disease. <i>European Neurology</i> , 2012, 67, 292-296.	1.4	30
58	Multistrategic Memory Training with the Metamemory Concept in Healthy Older Adults. <i>Psychiatry Investigation</i> , 2011, 8, 354.	1.6	29
59	Illiteracy and the incidence of Alzheimer's disease in the Yonchon County survey, Korea. <i>International Psychogeriatrics</i> , 2008, 20, 976-85.	1.0	28
60	An EL Capacitorless EV On-Board Charger Using Harmonic Modulation Technique. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 1784-1787.	7.9	28
61	Influence of hypertension on brain amyloid deposition and Alzheimer's disease signature neurodegeneration. <i>Neurobiology of Aging</i> , 2019, 75, 62-70.	3.1	28
62	Association of moderate alcohol intake with in vivo amyloid-beta deposition in human brain: A cross-sectional study. <i>PLoS Medicine</i> , 2020, 17, e1003022.	8.4	27
63	Clinical practice guideline for dementia by Clinical Research Center for Dementia of South Korea. <i>Journal of the Korean Medical Association</i> , 2011, 54, 861.	0.3	26
64	Validation of the Literacy Independent Cognitive Assessment. <i>International Psychogeriatrics</i> , 2011, 23, 593-601.	1.0	25
65	Insulin Resistance is Associated with Cognitive Decline Among Older Koreans with Normal Baseline Cognitive Function: A Prospective Community-Based Cohort Study. <i>Scientific Reports</i> , 2018, 8, 650.	3.3	25
66	Interpersonal trauma moderates the relationship between personality factors and suicidality of individuals with posttraumatic stress disorder. <i>PLoS ONE</i> , 2018, 13, e0191198.	2.5	25
67	Immunohistochemical study on the distribution of canonical transient receptor potential channels in rat basal ganglia. <i>Neuroscience Letters</i> , 2007, 422, 18-23.	2.1	24
68	Mortality rates and predictors in community-dwelling elderly individuals with cognitive impairment: an eight-year follow-up after initial assessment. <i>International Psychogeriatrics</i> , 2014, 26, 1295-1304.	1.0	23
69	A 10-kW Two-Stage Isolated/Bidirectional DC/DC Converter With Hybrid-Switching Technique. <i>IEEE Transactions on Industrial Electronics</i> , 2013, 60, 2205-2213.	7.9	22
70	High-Efficient Portable Welding Machine Based on Full-Bridge Converter with ISOP-Connected Single Transformer and Active Snubber. <i>IEEE Transactions on Industrial Electronics</i> , 2016, , 1-1.	7.9	21
71	The model of the relationships among the predictors of quality of life in chronic stage of schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1113-1118.	4.8	20
72	Differentiating illiteracy from Alzheimer's disease by using neuropsychological assessments. <i>International Psychogeriatrics</i> , 2011, 23, 1560-1568.	1.0	20

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73	Lifetime risk and age of onset distributions of psychiatric disorders: analysis of national sample survey in South Korea. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2012, 47, 671-681.	3.1	20
74	Neurologic signs in relation to cognitive function in subcortical ischemic vascular dementia: a CREDOS (Clinical Research Center for Dementia of South Korea) study. <i>Neurological Sciences</i> , 2012, 33, 839-846.	1.9	20
75	Neural predictors of cognitive improvement by multi-strategic memory training based on metamemory in older adults with subjective memory complaints. <i>Scientific Reports</i> , 2018, 8, 1095.	3.3	20
76	Differences in Facial Expressions between Spontaneous and Posed Smiles: Automated Method by Action Units and Three-Dimensional Facial Landmarks. <i>Sensors</i> , 2020, 20, 1199.	3.8	19
77	Age-related differences in the influence of major mental disorders on suicidality: A Korean nationwide community sample. <i>Journal of Affective Disorders</i> , 2014, 162, 96-101.	4.1	18
78	Decline in the Incidence of All-Cause and Alzheimer's Disease Dementia: a 12-Year-Later Rural Cohort Study in Korea. <i>Journal of Korean Medical Science</i> , 2019, 34, e293.	2.5	18
79	Relationships of Mental Disorders and Weight Status in the Korean Adult Population. <i>Journal of Korean Medical Science</i> , 2011, 26, 108.	2.5	17
80	Above-average moderate physical activity reduces both incident and persistent late-life depression in rural Koreans. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 766-775.	2.7	16
81	A Comparative Evaluation of the KDSQ-C, AD8, and SMCQ as a Cognitive Screening Test to Be Used in National Medical Check-ups in Korea. <i>Journal of Korean Medical Science</i> , 2019, 34, e111.	2.5	16
82	Response to Rivastigmine Transdermal Patch or Memantine plus Rivastigmine Patch is affected by Apolipoprotein E Genotype in Alzheimer Patients. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 34, 167-173.	1.5	15
83	The Relationship between Emotional Labor and Job Stress among Hospital Workers. <i>Journal of Korean Medical Science</i> , 2018, 33, e246.	2.5	15
84	Analyzing Facial and Eye Movements to Screen for Alzheimer's Disease. <i>Sensors</i> , 2020, 20, 5349.	3.8	15
85	Interleaved Isolated Single-Phase PFC Converter Module for Three-Phase EV Charger. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 4957-4967.	6.3	14
86	Ten-year trends in the prevalence and correlates of major depressive disorder in Korean near-elderly adults: a comparison of repeated nationwide cross-sectional studies from 2001 and 2011. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2015, 50, 1399-1406.	3.1	12
87	Cognitive Improvement in Older Adults with Mild Cognitive Impairment: Evidence from a Multi-Strategic Metamemory Training. <i>Journal of Clinical Medicine</i> , 2020, 9, 362.	2.4	12
88	Brain Factor-7 Extracted from <i>Bombyx mori</i> Enhances Cognition and Attention in Normal Children. <i>Journal of Medicinal Food</i> , 2009, 12, 643-648.	1.5	11
89	Neuropsychological Correlates of the Proportional Impact of White Matter Hyperintensities on Mild to Moderate Dementia: The MRI 300 Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2011, 31, 397-405.	1.5	11
90	Multivariate neuroanatomical correlates of behavioral and psychological symptoms in dementia and the moderating role of education. <i>NeuroImage: Clinical</i> , 2020, 28, 102452.	2.7	11

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91	Differences in Brain Morphology between Hydrocephalus Ex Vacuo and Idiopathic Normal Pressure Hydrocephalus. <i>Psychiatry Investigation</i> , 2021, 18, 628-635.	1.6	11
92	<p>Prediction of Amyloid Positivity in Mild Cognitive Impairment Using Fully Automated Brain Segmentation Software<p>. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 1745-1754.	2.2	10
93	Differences in Prefrontal, Limbic, and White Matter Lesion Volumes According to Cognitive Status in Elderly Patients with First-Onset Subsyndromal Depression. <i>PLoS ONE</i> , 2014, 9, e87747.	2.5	10
94	Reliability and Validity of the Short Form of the Literacy-Independent Cognitive Assessment in the		

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109	Behavioral and Developmental Characteristics of Children with Inversion of Chromosome 9 in Korea: A Preliminary Study. <i>Child Psychiatry and Human Development</i> , 2005, 35, 347-357.	1.9	3
110	Power conditioning system for fuel cell with 2-stage DC-DC converter. , 2010, , .		3
111	An Isolated Bi-directional DC/DC Converter using Unregulated LLC Resonant Converter and Its Design. <i>EPE Journal (European Power Electronics and Drives Journal)</i> , 2011, 21, 14-21.	0.7	3
112	New configuration of bidirectional intelligent semiconductor transformer with high-frequency AC-DC converter. , 2013, , .		3
113	Visual Rating and Computer-Assisted Analysis of FDG PET in the Prediction of Conversion to Alzheimer's Disease in Mild Cognitive Impairment. <i>Molecular Diagnosis and Therapy</i> , 2018, 22, 475-483.	3.8	3
114	Design of 10kW three-phase EV charger with wide output voltage range based on voltage-fed isolated PFC converter. <i>EPE Journal (European Power Electronics and Drives Journal)</i> , 2019, 29, 11-24.	0.7	3
115	A 3-Leg Inverter-Based High-Frequency Welding Power Supply Capable of AC 220 and 440-V Operation. <i>IEEE Transactions on Power Electronics</i> , 2021, 36, 12877-12888.	7.9	3
116	Trends in the Prevalence of Major Depressive Disorder by Sociodemographic Factors in Korea: Results from Nationwide General Population Surveys in 2001, 2006, and 2011. <i>Journal of Korean Medical Science</i> , 2021, 36, e244.	2.5	3
117	Reliability and Validity of a Short Form of the Korean Dementia Screening Questionnaire-Cognition.		

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127	The effects of social concern goals on the value of learning and on the intentions of medical students to change their majors. <i>Medical Education Online</i> , 2017, 22, 1330631.	2.6	1
128	Impaired Executive Functioning of Sexual Assault Survivors with Acute Stress Disorder. <i>Journal of Clinical Medicine</i> , 2018, 7, 362.	2.4	1
129	Patterns of Reduced Cortical Thickness in Late-Life Depression and Relationship to Psychotherapeutic Response. <i>American Journal of Geriatric Psychiatry</i> , 2012, , 1.	1.2	1
130	The Effect of Subsyndromal Symptoms of Depression and White Matter Lesions on Disability for Individuals With Mild Cognitive Impairment. <i>American Journal of Geriatric Psychiatry</i> , 2012, , 1.	1.2	1
131	Torch motor control algorithm for low spatter CO2 arc welding of ultra-thin steel sheets. <i>Journal of Power Electronics</i> , 2020, 20, 1076-1087.	1.5	1
132	A Comparison Between the Performances of Verbal and Nonverbal Fluency Tests in Discriminating Between Mild Cognitive Impairments and Alzheimer's Disease Patients and Their Brain Morphological Correlates. <i>Dementia and Neurocognitive Disorders</i> , 2022, 21, 17.	1.4	1
133	Design of 20kW audio power supply for single-phase/three-phase applications. <i>Journal of Power Electronics</i> , 2022, 22, 1010-1019.	1.5	1
134	Design of High Power Density Two-Stage AC/DC Notebook Adaptors Based on Loss Analysis. <i>EPE Journal (European Power Electronics and Drives Journal)</i> , 2010, 20, 41-49.	0.7	0
135	Bidirectional Semiconductor Transformer using high frequency resonant converter. <i>EPE Journal (European Power Electronics and Drives Journal)</i> , 2015, 25, 36-43.	0.7	0
136	A Resonant PWM DC/DC Converter with Coreless Transformer for Light Electric Vehicles On-Board Charger. <i>EPE Journal (European Power Electronics and Drives Journal)</i> , 2015, 25, 17-24.	0.7	0
137	Current limiting circuit for low-cost HESS. <i>Electronics Letters</i> , 2016, 52, 64-66.	1.0	0
138	Hybrid DC/DC converter for EV OBC with single transformer. , 2016, , .		0
139	Development and Validation of a Short-Form Internet Overuse Screening Questionnaire for Adults. <i>European Addiction Research</i> , 2020, 26, 335-345.	2.4	0
140	Research topics in intellectual disabilities in North Korea: A scoping review. <i>Journal of Applied Research in Intellectual Disabilities</i> , 2021, , .	2.0	0
141	Incidence and Cognitive Decline of Alzheimer's Disease and Other Dementia by Apolipoprotein ϵ 4 Allele Presence: A Community-Based Cohort Study in Korean Elderly. <i>Psychiatry Investigation</i> , 2022, 19, 190-196.	1.6	0