

# Ju-Hee Kang

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

2,149  
citations

279487

23  
h-index

243296

44  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating micro-RNAs Differentially Expressed in Korean Alzheimer's Patients With Brain A $\beta$ Accumulation Activate Amyloidogenesis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 292-303.	1.7	2
2	Serum neurofilament light chain level as a predictor of cognitive stage transition. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 6.	3.0	19
3	Development of Alzheimer's Disease Biomarkers: From CSF- to Blood-Based Biomarkers. <i>Biomedicines</i> , 2022, 10, 850.	1.4	19
4	Heat Shock Protein 70 in Penile Neurovascular Regeneration Requires Cystathionine Gamma-Lyase. <i>World Journal of Men's Health</i> , 2022, 40, 580.	1.7	2
5	Moderate aerobic exercise training ameliorates impairment of mitochondrial function and dynamics in skeletal muscle of high-fat diet-induced obese mice. <i>FASEB Journal</i> , 2021, 35, e21340.	0.2	16
6	Alzheimer's cerebrospinal biomarkers from Lumipulse fully automated immunoassay: concordance with amyloid-beta PET and manual immunoassay in Koreans. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 22.	3.0	15
7	Exercise Training Attenuates Ovariectomy-Induced Alterations in Skeletal Muscle Remodeling, Apoptotic Signaling, and Atrophy Signaling in Rat Skeletal Muscle. <i>International Neurology Journal</i> , 2021, 25, S47-54.	0.5	6
8	Roles of high mobility group box 1 protein released from endothelial cells with hypoxic injury on neuronal amyloidogenesis. <i>Alzheimer's and Dementia</i> , 2021, 17, e050060.	0.4	0
9	Exercise as a Therapeutic Strategy for Sarcopenia in Heart Failure: Insights into Underlying Mechanisms. <i>Cells</i> , 2020, 9, 2284.	1.8	29
10	Exercise Training Protects against Atorvastatin-Induced Skeletal Muscle Dysfunction and Mitochondrial Dysfunction in the Skeletal Muscle of Rats. <i>Journal of Clinical Medicine</i> , 2020, 9, 2292.	1.0	4
11	Aging Promotes Mitochondria-Mediated Apoptosis in Rat Hearts. <i>Life</i> , 2020, 10, 178.	1.1	13
12	Effects of Aerobic Exercise on Tau and Related Proteins in Rats with the Middle Cerebral Artery Occlusion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5842.	1.8	8
13	Sirtuin 1-dependent regulation of high mobility box 1 in hypoxia-reoxygenated brain microvascular endothelial cells: roles in neuronal amyloidogenesis. <i>Cell Death and Disease</i> , 2020, 11, 1072.	2.7	8
14	Autophagy in Neurodegenerative Diseases: A Hunter for Aggregates. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3369.	1.8	108
15	Experimental Models of Sarcopenia: Bridging Molecular Mechanism and Therapeutic Strategy. <i>Cells</i> , 2020, 9, 1385.	1.8	70
16	Effects of Aerobic Exercise on Tau and Related Proteins in Rats with Photochemically-Induced Infarction. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 1391-1402.	1.2	1
17	Re-Setting the Circadian Clock Using Exercise against Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3106.	1.8	25
18	Telomere shortening reflecting physical aging is associated with cognitive decline and dementia conversion in mild cognitive impairment due to Alzheimer's disease. <i>Aging</i> , 2020, 12, 4407-4423.	1.4	30

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19	New 20 m Progressive Shuttle Test Protocol and Equation for Predicting the Maximal Oxygen Uptake of Korean Adolescents Aged 13-18 Years. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2265.	1.2	2
20	Roles of myokines in exercise-induced improvement of neuropsychiatric function. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 491-505.	1.3	95
21	AMPK Alters Detrusor Contractility During Emptying in Normal Bladder and Hypertrophied Bladder with Partial Bladder Outlet Obstruction via CaMKK1 $\beta$ . <i>International Journal of Molecular Sciences</i> , 2019, 20, 2650.	1.8	5
22	Clinical and Biomarker Characteristics According to Clinical Spectrum of Alzheimer's Disease (AD) in the Validation Cohort of Korean Brain Aging Study for the Early Diagnosis and Prediction of AD. <i>Journal of Clinical Medicine</i> , 2019, 8, 341.	1.0	35
23	Association of Circulating Irisin Concentrations with Weight Loss after Roux-en-Y Gastric Bypass Surgery. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 660.	1.2	8
24	Extracellular Vesicle as a Source of Alzheimer's Biomarkers: Opportunities and Challenges. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1728.	1.8	86
25	Inhibition of oxaliplatin-induced neurotoxicity by silymarin through increased expression of brain-derived neurotrophic factor and inhibition of p38-MAPK. <i>Molecular and Cellular Toxicology</i> , 2019, 15, 145-152.	0.8	3
26	P452: LUMIPULSE G $\alpha$ CSF AD BIOMARKER CONCORDANCE TO PET IN THE KBASE COHORT. <i>Alzheimer's and Dementia</i> , 2019, 15, P1529.	0.4	0
27	Enrichment of Exosome-Like Extracellular Vesicles from Plasma Suitable for Clinical Vesicular miRNA Biomarker Research. <i>Journal of Clinical Medicine</i> , 2019, 8, 1995.	1.0	32
28	Lactate overload inhibits myogenic activity in C2C12 myotubes. <i>Open Life Sciences</i> , 2019, 14, 29-37.	0.6	8
29	Effects of a single bout of exercise on mitochondria-mediated apoptotic signaling in rat cardiac and skeletal muscles. <i>Journal of Exercise Rehabilitation</i> , 2019, 15, 512-517.	0.4	13
30	Effects of Acute Exercise on Mitochondrial Function, Dynamics, and Mitophagy in Rat Cardiac and Skeletal Muscles. <i>International Neurourology Journal</i> , 2019, 23, S22-31.	0.5	29
31	Role of exercise in age-related sarcopenia. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 551-558.	0.4	153
32	Exercise Training Attenuates Obesity-Induced Skeletal Muscle Remodeling and Mitochondria-Mediated Apoptosis in the Skeletal Muscle. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2301.	1.2	25
33	Roles of Exosome-Like Vesicles Released from Inflammatory C2C12 Myotubes: Regulation of Myocyte Differentiation and Myokine Expression. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 1829-1842.	1.1	37
34	Effects of aging on mitochondrial hydrogen peroxide emission and calcium retention capacity in rat heart. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 920-926.	0.4	9
35	Effects of task-specific rehabilitation training on tau modification in rat with photothrombotic cortical ischemic damage. <i>Neurochemistry International</i> , 2017, 108, 309-317.	1.9	5
36	[P4104]: ATTENUATION OF AKT/mTORC1/p70S6K ACTIVATION, TAU PHOSPHORYLATION AND INFLAMMATION IN THE CEREBRAL CORTEX INFARCTED BY PHOTOCHEMICALLY INDUCED THROMBOSIS BY REHABILITATION TRAINING. <i>Alzheimer's and Dementia</i> , 2017, 13, P1297.	0.4	0

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37	Chronological changes in the expression of phosphorylated tau and 5-AMP-activated protein kinase in the brain of senescence-accelerated P8 mice. <i>Molecular Medicine Reports</i> , 2017, 15, 3301-3309.	1.1	5
38	Multiple modality biomarker prediction of cognitive impairment in prospectively followed de novo Parkinson disease. <i>PLoS ONE</i> , 2017, 12, e0175674.	1.1	110
39	Near-Normalized Gene Expression Profiles in Bladder With Detrusor Overactivity in Rats With Bladder Outlet Obstruction After Deobstruction. <i>International Neurourology Journal</i> , 2017, 21, 247-258.	0.5	8
40	Extracellular Vesicles as a Source of Urological Biomarkers: Lessons Learned From Advances and Challenges in Clinical Applications to Major Diseases. <i>International Neurourology Journal</i> , 2017, 21, 83-96.	0.5	14
41	P4083: Roles of AMPK in the TAU Phosphorylation in the Brain of Senescence-Accelerated Mice. <i>Alzheimer's and Dementia</i> , 2016, 12, P1044.	0.4	0
42	CSF biomarkers associated with disease heterogeneity in early Parkinson's disease: the Parkinson's Progression Markers Initiative study. <i>Acta Neuropathologica</i> , 2016, 131, 935-949.	3.9	190
43	Cerebrospinal Fluid Amyloid $\beta_{1-42}$ , Tau, and Alpha-Synuclein Predict the Heterogeneous Progression of Cognitive Dysfunction in Parkinson's Disease. <i>Journal of Movement Disorders</i> , 2016, 9, 89-96.	0.7	22
44	Anti-interleukin-33 Reduces Ovalbumin-Induced Nephrotoxicity and Expression of Kidney Injury Molecule-1. <i>International Neurourology Journal</i> , 2016, 20, 114-121.	0.5	12
45	Controls of Nuclear Factor-Kappa B Signaling Activity by 5 <sup>TM</sup> -AMP-Activated Protein Kinase Activation With Examples in Human Bladder Cancer Cells. <i>International Neurourology Journal</i> , 2016, 20, 182-187.	0.5	14
46	P3-049: Effects of rehabilitation training on the alteration in tau modification by photothrombus-induced ischemic stroke. , 2015, 11, P637-P637.		0
47	Activation of the 5 <sup>TM</sup> -AMP-Activated Protein Kinase in the Cerebral Cortex of Young Senescence-Accelerated P8 Mice and Association with GSK3 <sup>12</sup> - and PP2A-Dependent Inhibition of p-tau396 Expression. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 249-259.	1.2	23
48	The Alzheimer's Disease Neuroimaging Initiative 2 Biomarker Core: A review of progress and plans. <i>Alzheimer's and Dementia</i> , 2015, 11, 772-791.	0.4	79
49	Differences in <i>CYP2C9</i> Genotype and Enzyme Activity Between Swedes and Koreans of Relevance for Personalized Medicine: Role of Ethnicity, Genotype, Smoking, Age, and Sex. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 346-353.	1.0	18
50	What is the Clinical Significance of Cerebrospinal Fluid Biomarkers in Parkinson's disease? Is the Significance Diagnostic or Prognostic?. <i>Experimental Neurobiology</i> , 2014, 23, 352-364.	0.7	16
51	Prediction of Glycated Hemoglobin Levels at 3 Months after Metabolic Surgery Based on the 7-Day Plasma Metabolic Profile. <i>PLoS ONE</i> , 2014, 9, e109609.	1.1	10
52	Role of Cerebrospinal Fluid Biomarkers in Clinical Trials for Alzheimer's Disease Modifying Therapies. <i>Korean Journal of Physiology and Pharmacology</i> , 2014, 18, 447.	0.6	13
53	Bupivacaine-induced cytotoxicity related to endoplasmic reticulum stress pathways in SH-SY5Y cells. <i>Molecular and Cellular Toxicology</i> , 2013, 9, 141-147.	0.8	0
54	Clinical Utility and Analytical Challenges in Measurement of Cerebrospinal Fluid Amyloid- $\beta_{1-42}$ and $\beta_{1-40}$ Proteins as Alzheimer Disease Biomarkers. <i>Clinical Chemistry</i> , 2013, 59, 903-916.	1.5	139

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55	Cystometric parameters and the activity of signaling proteins in association with the compensation or decompensation of bladder function in an animal experimental model of partial bladder outlet obstruction. <i>International Journal of Molecular Medicine</i> , 2013, 32, 1435-1441.	1.8	10
56	Simultaneous analysis of cerebrospinal fluid biomarkers using microsphere-based xMAP multiplex technology for early detection of Alzheimer's disease. <i>Methods</i> , 2012, 56, 484-493.	1.9	85
57	Application of liquid chromatography tandem mass spectrometry for the simultaneous quantification of multiple non-opioid drugs in human plasma. <i>Molecular and Cellular Toxicology</i> , 2011, 7, 185-189.	0.8	4
58	Bupropion, an atypical antidepressant, induces endoplasmic reticulum stress and caspase-dependent cytotoxicity in SH-SY5Y cells. <i>Toxicology</i> , 2011, 285, 1-7.	2.0	16
59	Inhibition of IKK- $\beta$ : A new development in the mechanism of the anti-obesity effects of PTP1B inhibitors SA18 and SA32. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1075-1077.	1.0	14
60	In vivo and in vitro application of black soybean peptides in the amelioration of endoplasmic reticulum stress and improvement of insulin resistance. <i>Life Sciences</i> , 2010, 86, 267-274.	2.0	39
61	Inhibition of 6-hydroxydopamine-induced endoplasmic reticulum stress by l-carnosine in SH-SY5Y cells. <i>Neuroscience Letters</i> , 2009, 459, 7-10.	1.0	23
62	Excessive nitric oxide attenuates leptin-mediated signal transducer and activator of transcription 3 activation. <i>Life Sciences</i> , 2007, 80, 609-617.	2.0	20
63	Leptin inhibits 1-methyl-4-phenylpyridinium-induced cell death in SH-SY5Y cells. <i>Neuroscience Letters</i> , 2006, 407, 240-243.	1.0	44
64	Effects of genetic polymorphisms of MDR1, FMO3 and CYP1A2 on susceptibility to colorectal cancer in Koreans. <i>Cancer Science</i> , 2006, 97, 774-779.	1.7	49
65	Enhanced susceptibility to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine neurotoxicity in high-fat diet-induced obesity. <i>Free Radical Biology and Medicine</i> , 2005, 38, 806-816.	1.3	88
66	Inhibition of aroclor 1254-induced depletion of stored calcium prevents the cell death in catecholaminergic cells. <i>Toxicology</i> , 2004, 200, 93-101.	2.0	19
67	Aroclor 1254-induced cytotoxicity in catecholaminergic CATH.a cells related to the inhibition of NO production. <i>Toxicology</i> , 2002, 177, 157-166.	2.0	27
68	Phenotypes of flavin-containing monooxygenase activity determined by ranitidine N-oxidation are positively correlated with genotypes of linked FMO3 gene mutations in a Korean population. <i>Pharmacogenetics and Genomics</i> , 2000, 10, 67-78.	5.7	62
69	Effect of age and smoking on in vivo CYP1A2, flavin-containing monooxygenase, and xanthine oxidase activities in Koreans: Determination by caffeine metabolism. <i>Clinical Pharmacology and Therapeutics</i> , 2000, 67, 258-266.	2.3	55
70	Effect of Grapefruit Juice on CYP1A2 Dependent Metabolism of Caffeine in Korean. <i>Journal of the Korean Society for Clinical Pharmacology and Therapeutics</i> , 1997, 5, 26.	0.1	1