Ju-Hee Kang

List of Publications by Year
in descending order

70	2,149	279487 23	243296 44
papers	citations	h-index	g-index

73	73	73	3721
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CSF biomarkers associated with disease heterogeneity in early Parkinsonâ€™s disease: the Parkinsonâ€™s Progression Markers Initiative study. Acta Neuropathologica, 2016, 131, 935-949.	3.9	190
2	Role of exercise in age-related sarcopenia. Journal of Exercise Rehabilitation, 2018, 14, 551-558.	0.4	153
3	Clinical Utility and Analytical Challenges in Measurement of Cerebrospinal Fluid Amyloid-Î²1â€“42 and Ï„ Proteins as Alzheimer Disease Biomarkers. Clinical Chemistry, 2013, 59, 903-916.	1.5	139
4	Multiple modality biomarker prediction of cognitive impairment in prospectively followed de novo Parkinson disease. PLoS ONE, 2017, 12, e0175674.	1.1	110
5	Autophagy in Neurodegenerative Diseases: A Hunter for Aggregates. International Journal of Molecular Sciences, 2020, 21, 3369.	1.8	108
6	Roles of myokines in exercise-induced improvement of neuropsychiatric function. Pflugers Archiv European Journal of Physiology, 2019, 471, 491-505.	1.3	95
7	Enhanced susceptibility to 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine neurotoxicity in high-fat diet-induced obesity. Free Radical Biology and Medicine, 2005, 38, 806-816.	1.3	88
8	Extracellular Vesicle as a Source of Alzheimerâ€™s Biomarkers: Opportunities and Challenges. International Journal of Molecular Sciences, 2019, 20, 1728.	1.8	86
9	Simultaneous analysis of cerebrospinal fluid biomarkers using microsphere-based xMAP multiplex technology for early detection of Alzheimerâ€™s disease. Methods, 2012, 56, 484-493.	1.9	85
10	The Alzheimer's Disease Neuroimaging Initiative 2 Biomarker Core: A review of progress and plans. Alzheimer's and Dementia, 2015, 11, 772-791.	0.4	79
11	Experimental Models of Sarcopenia: Bridging Molecular Mechanism and Therapeutic Strategy. Cells, 2020, 9, 1385.	1.8	70
12	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. Pharmacogenetics and Genomics, 2000, 10, 67-78.	5.7	62
13	Effect of age and smoking on in vivo CYP1A2, flavin-containing monooxygenase, and xanthine oxidase activities in Koreans: Determination by caffeine metabolism. Clinical Pharmacology and Therapeutics, 2000, 67, 258-266.	2.3	55
14	Effects of genetic polymorphisms of MDR1, FMO3 and CYP1A2 on susceptibility to colorectal cancer in Koreans. Cancer Science, 2006, 97, 774-779.	1.7	49
15	Leptin inhibits 1-methyl-4-phenylpyridinium-induced cell death in SH-SY5Y cells. Neuroscience Letters, 2006, 407, 240-243.	1.0	44
16	In vivo and in vitro application of black soybean peptides in the amelioration of endoplasmic reticulum stress and improvement of insulin resistance. Life Sciences, 2010, 86, 267-274.	2.0	39
17	Roles of Exosome-Like Vesicles Released from Inflammatory C2C12 Myotubes: Regulation of Myocyte Differentiation and Myokine Expression. Cellular Physiology and Biochemistry, 2018, 48, 1829-1842.	1.1	37
18	Clinical and Biomarker Characteristics According to Clinical Spectrum of Alzheimerâ€™s Disease (AD) in the Validation Cohort of Korean Brain Aging Study for the Early Diagnosis and Prediction of AD. Journal of Clinical Medicine, 2019, 8, 341.	1.0	35

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19	Enrichment of Exosome-Like Extracellular Vesicles from Plasma Suitable for Clinical Vesicular miRNA Biomarker Research. Journal of Clinical Medicine, 2019, 8, 1995.	1.0	32
20	Telomere shortening reflecting physical aging is associated with cognitive decline and dementia conversion in mild cognitive impairment due to Alzheimerâ€™s disease. Aging, 2020, 12, 4407-4423.	1.4	30
21	Exercise as a Therapeutic Strategy for Sarcopenia in Heart Failure: Insights into Underlying Mechanisms. Cells, 2020, 9, 2284.	1.8	29
22	Effects of Acute Exercise on Mitochondrial Function, Dynamics, and Mitophagy in Rat Cardiac and Skeletal Muscles. International Neurourology Journal, 2019, 23, S22-31.	0.5	29
23	Aroclor 1254-induced cytotoxicity in catecholaminergic CATH.a cells related to the inhibition of NO production. Toxicology, 2002, 177, 157-166.	2.0	27
24	Exercise Training Attenuates Obesity-Induced Skeletal Muscle Remodeling and Mitochondria-Mediated Apoptosis in the Skeletal Muscle. International Journal of Environmental Research and Public Health, 2018, 15, 2301.	1.2	25
25	Re-Setting the Circadian Clock Using Exercise against Sarcopenia. International Journal of Molecular Sciences, 2020, 21, 3106.	1.8	25
26	Inhibition of 6-hydroxydopamine-induced endoplasmic reticulum stress by l-carnosine in SH-SY5Y cells. Neuroscience Letters, 2009, 459, 7-10.	1.0	23
27	Activation of the 5â€²-AMP-Activated Protein Kinase in the Cerebral Cortex of Young Senescence-Accelerated P8 Mice and Association with GSK3Î²- and PP2A-Dependent Inhibition of p-tau396 Expression. Journal of Alzheimer's Disease, 2015, 46, 249-259.	1.2	23
28	Cerebrospinal Fluid Amyloid Î²₁₋₄₂, Tau, and Alpha-Synuclein Predict the Heterogeneous Progression of Cognitive Dysfunction in Parkinsonâ€™s Disease. Journal of Movement Disorders, 2016, 9, 89-96.	0.7	22
29	Excessive nitric oxide attenuates leptin-mediated signal transducer and activator of transcription 3 activation. Life Sciences, 2007, 80, 609-617.	2.0	20
30	Inhibition of aroclor 1254-induced depletion of stored calcium prevents the cell death in catecholaminergic cells. Toxicology, 2004, 200, 93-101.	2.0	19
31	Serum neurofilament light chain level as a predictor of cognitive stage transition. Alzheimer's Research and Therapy, 2022, 14, 6.	3.0	19
32	Development of Alzheimerâ€™s Disease Biomarkers: From CSF- to Blood-Based Biomarkers. Biomedicines, 2022, 10, 850.	1.4	19
33	Differences inCYP2C9Genotype and Enzyme Activity Between Swedes and Koreans of Relevance for Personalized Medicine: Role of Ethnicity, Genotype, Smoking, Age, and Sex. OMICS A Journal of Integrative Biology, 2015, 19, 346-353.	1.0	18
34	Bupropion, an atypical antidepressant, induces endoplasmic reticulum stress and caspase-dependent cytotoxicity in SH-SY5Y cells. Toxicology, 2011, 285, 1-7.	2.0	16
35	What is the Clinical Significance of Cerebrospinal Fluid Biomarkers in Parkinsonâ€™s disease? Is the Significance Diagnostic or Prognostic?. Experimental Neurobiology, 2014, 23, 352-364.	0.7	16
36	Moderate aerobic exercise training ameliorates impairment of mitochondrial function and dynamics in skeletal muscle of highâ€fat dietâ€induced obese mice. FASEB Journal, 2021, 35, e21340.	0.2	16

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37	Alzheimerâ€™s cerebrospinal biomarkers from Lumipulse fully automated immunoassay: concordance with amyloid-beta PET and manual immunoassay in Koreans. Alzheimer's Research and Therapy, 2021, 13, 22.	3.0	15
38	Inhibition of IKK-Î²: A new development in the mechanism of the anti-obesity effects of PTP1B inhibitors SA18 and SA32. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 1075-1077.	1.0	14
39	Controls of Nuclear Factor-Kappa B Signaling Activity by 5â€™-AMP-Activated Protein Kinase Activation With Examples in Human Bladder Cancer Cells. International Neurourology Journal, 2016, 20, 182-187.	0.5	14
40	Extracellular Vesicles as a Source of Urological Biomarkers: Lessons Learned From Advances and Challenges in Clinical Applications to Major Diseases. International Neurourology Journal, 2017, 21, 83-96.	0.5	14
41	Role of Cerebrospinal Fluid Biomarkers in Clinical Trials for Alzheimer's Disease Modifying Therapies. Korean Journal of Physiology and Pharmacology, 2014, 18, 447.	0.6	13
42	Aging Promotes Mitochondria-Mediated Apoptosis in Rat Hearts. Life, 2020, 10, 178.	1.1	13
43	Effects of a single bout of exercise on mitochondria-mediated apoptotic signaling in rat cardiac and skeletal muscles. Journal of Exercise Rehabilitation, 2019, 15, 512-517.	0.4	13
44	Anti-interleukin-33 Reduces Ovalbumin-Induced Nephrotoxicity and Expression of Kidney Injury Molecule-1. International Neurourology Journal, 2016, 20, 114-121.	0.5	12
45	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. International Journal of Molecular Medicine, 2013, 32, 1435-1441.	1.8	10
46	Prediction of Glycated Hemoglobin Levels at 3 Months after Metabolic Surgery Based on the 7-Day Plasma Metabolic Profile. PLoS ONE, 2014, 9, e109609.	1.1	10
47	Effects of aging on mitochondrial hydrogen peroxide emission and calcium retention capacity in rat heart. Journal of Exercise Rehabilitation, 2018, 14, 920-926.	0.4	9
48	Association of Circulating Irisin Concentrations with Weight Loss after Roux-en-Y Gastric Bypass Surgery. International Journal of Environmental Research and Public Health, 2019, 16, 660.	1.2	8
49	Lactate overload inhibits myogenic activity in C2C12 myotubes. Open Life Sciences, 2019, 14, 29-37.	0.6	8
50	Effects of Aerobic Exercise on Tau and Related Proteins in Rats with the Middle Cerebral Artery Occlusion. International Journal of Molecular Sciences, 2020, 21, 5842.	1.8	8
51	Sirtuin 1-dependent regulation of high mobility box 1 in hypoxiaâ€“reoxygenated brain microvascular endothelial cells: roles in neuronal amyloidogenesis. Cell Death and Disease, 2020, 11, 1072.	2.7	8
52	Near-Normalized Gene Expression Profiles in Bladder With Detrusor Overactivity in Rats With Bladder Outlet Obstruction After Deobstruction. International Neurourology Journal, 2017, 21, 247-258.	0.5	8
53	Exercise Training Attenuates Ovariectomy-Induced Alterations in Skeletal Muscle Remodeling, Apoptotic Signaling, and Atrophy Signaling in Rat Skeletal Muscle. International Neurourology Journal, 2021, 25, S47-54.	0.5	6
54	Effects of task-specific rehabilitation training on tau modification in rat with photothrombotic cortical ischemic damage. Neurochemistry International, 2017, 108, 309-317.	1.9	5

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55	Chronological changes in the expression of phosphorylated tau and 5-AMP-activated protein kinase in the brain of senescence-accelerated P8 mice. Molecular Medicine Reports, 2017, 15, 3301-3309.	1.1	5
56	AMPK Alters Detrusor Contractility During Emptying in Normal Bladder and Hypertrophied Bladder with Partial Bladder Outlet Obstruction via CaMKKÎ². International Journal of Molecular Sciences, 2019, 20, 2650.	1.8	5
57	Application of liquid chromatography tandem mass spectrometry for the simultaneous quantification of multiple non-opioid drugs in human plasma. Molecular and Cellular Toxicology, 2011, 7, 185-189.	0.8	4
58	Exercise Training Protects against Atorvastatin-Induced Skeletal Muscle Dysfunction and Mitochondrial Dysfunction in the Skeletal Muscle of Rats. Journal of Clinical Medicine, 2020, 9, 2292.	1.0	4
59	Inhibition of oxaliplatin-induced neurotoxicity by silymarin through increased expression of brain-derived neurotrophic factor and inhibition of p38-MAPK. Molecular and Cellular Toxicology, 2019, 15, 145-152.	0.8	3
60	New 20 m Progressive Shuttle Test Protocol and Equation for Predicting the Maximal Oxygen Uptake of Korean Adolescents Aged 13â€“18 Years. International Journal of Environmental Research and Public Health, 2019, 16, 2265.	1.2	2
61	Circulating micro-RNAs Differentially Expressed in Korean Alzheimerâ€™s Patients With Brain AÎ² Accumulation Activate Amyloidogenesis. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 292-303.	1.7	2
62	Heat Shock Protein 70 in Penile Neurovascular Regeneration Requires Cystathionine Gamma-Lyase. World Journal of Men?s Health, 2022, 40, 580.	1.7	2
63	Effects of Aerobic Exercise on Tau and Related Proteins in Rats with Photochemically-Induced Infarction. Journal of Alzheimer's Disease, 2020, 76, 1391-1402.	1.2	1
64	Effect of Grapefruit Juice on CYP1A2 Dependent Metabolism of Caffeine in Korean. Journal of the Korean Society for Clinical Pharmacology and Therapeutics, 1997, 5, 26.	0.1	1
65	Bupivacaine-induced cytotoxicity related to endoplasmic reticulum stress pathways in SH-SY5Y cells. Molecular and Cellular Toxicology, 2013, 9, 141-147.	0.8	0
66	P3-049: Effects of rehabilitation training on the alteration in tau modification by photothrombus-induced ischemic stroke. , 2015, 11, P637-P637.		0
67	P4â€083: Roles of AMPK in the TAU Phosphorylation in the Brain of Senescenceâ€Accelerated Mice. Alzheimer's and Dementia, 2016, 12, P1044.	0.4	0
68	[P4â€“104]: ATTENUATION OF AKTâ€MTORC1â€P70S6K ACTIVATION, TAU PHOSPHORYLATION AND INFLAMMATION IN THE CEREBRAL CORTEX INFARCTED BY PHOTOCHEMICALLY INDUCED THROMBOSIS BY REHABILITATION TRAINING. Alzheimer's and Dementia, 2017, 13, P1297.	0.4	0
69	P4â€552: LUMIPULSE GÂ® CSF AD BIOMARKER CONCORDANCE TO PET IN THE KBASE COHORT. Alzheimer's and Dementia, 2019, 15, P1529.	0.4	0
70	Roles of high mobility group box 1 protein released from endothelial cells with hypoxic injury on neuronal amyloidogenesis. Alzheimer's and Dementia, 2021, 17, e050060.	0.4	0