Min-Sun Kim

List of Publications by Year
in descending order

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43 papers	874 citations	430874 18 h-index	580821 25 g-index
43 all docs	43 docs citations	43 times ranked	395 citing authors

#	Article	IF	Citations
1	The Effect of Mixture of Heavy Metals on Obesity in Individuals â‰¥50 Years of Age. Biological Trace Element Research, 2022, 200, 3554-3571.	3.5	46
2	Association between heavy metals, high-sensitivity C-reaction protein and 10-year risk of cardiovascular diseases among adult Korean population. Scientific Reports, 2021, 11, 14664.	3.3	41
3	1,2-Diacetylbenzene, the Neurotoxic Metabolite of a Chromogenic Aromatic Solvent, Induces Proximal Axonopathy. Toxicology and Applied Pharmacology, 2001, 177, 121-131.	2.8	40
4	Oxidative stress with tau hyperphosphorylation in memory impaired 1,2-diacetylbenzene-treated mice. Toxicology Letters, 2017, 279, 53-59.	0.8	37
5	Association between levels of thiamine intake, diabetes, cardiovascular diseases and depression in Korea: a national cross-sectional study. Journal of Nutritional Science, 2021, 10, e31.	1.9	36
6	Environmental science and pollution research role of heavy metal concentrations and vitamin intake from food in depression: a national cross-sectional study (2009â€“2017). Environmental Science and Pollution Research, 2022, 29, 4574-4586.	5.3	36
7	Cadmium, lead, and mercury mixtures interact with non-alcoholic fatty liver diseases. Environmental Pollution, 2022, 309, 119780.	7.5	36
8	Mixtures modeling identifies heavy metals and pyrethroid insecticide metabolites associated with obesity. Environmental Science and Pollution Research, 2022, 29, 20379-20397.	5.3	34
9	Exposure to a mixture of heavy metals induces cognitive impairment: Genes and microRNAs involved. Toxicology, 2022, 471, 153164.	4.2	31
10	Misassigned natural products and their revised structures. Archives of Pharmacal Research, 2016, 39, 143-153.	6.3	30
11	The effects of chemical mixtures on lipid profiles in the Korean adult population: threshold and molecular mechanisms for dyslipidemia involved. Environmental Science and Pollution Research, 2022, 29, 39182-39208.	5.3	27
12	Effects of heavy metal, vitamin, and curry consumption on metabolic syndrome during menopause: a Korean community-based cross-sectional study. Menopause, 2021, 28, 949-959.	2.0	25
13	Effects of heavy metals on hypertension during menopause: a Korean community-based cross-sectional study. Menopause, 2021, 28, 1400-1409.	2.0	25
14	Association between exposure to chemical mixtures in relation to serum total IgE among adults 19â€“86Âyears old. International Immunopharmacology, 2022, 102, 108428.	3.8	25
15	Neurotoxic effect of 2,5-hexanedione on neural progenitor cells and hippocampal neurogenesis. Toxicology, 2009, 260, 97-103.	4.2	24
16	Mixtures modeling identifies vitamin B1 and B3 intakes associated with depression. Journal of Affective Disorders, 2022, 301, 68-80.	4.1	24
17	Higher intakes of nutrients are linked with a lower risk of cardiovascular diseases, type 2 diabetes mellitus, arthritis, and depression among Korean adults. Nutrition Research, 2022, 100, 19-32.	2.9	24
18	The protective effects of curcumin on metabolic syndrome and its components: In-silico analysis for genes, transcription factors, and microRNAs involved. Archives of Biochemistry and Biophysics, 2022, 727, 109326.	3.0	24

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19	Anti-inflammatory effects of B vitamins protect against tau hyperphosphorylation and cognitive impairment induced by 1,2 diacetyl benzene: An in vitro and in silico study. International Immunopharmacology, 2022, 108, 108736.	3.8	23
20	Curcumin-Attenuated TREM-1/DAP12/NLRP3/Caspase-1/IL1B, TLR4/NF-ÎºB Pathways, and Tau Hyperphosphorylation Induced by 1,2-Diacetyl Benzene: An in Vitro and in Silico Study. Neurotoxicity Research, 2022, 40, 1272-1291.	2.7	21
21	The association between the metabolic syndrome and iron status in pre- and postmenopausal women: Korean National Health and Nutrition Examination Survey (KNHANES) in 2012. British Journal of Nutrition, 2021, , 1-11.	2.3	20
22	Effects of Antioxidant Vitamins, Curry Consumption, and Heavy Metal Levels on Metabolic Syndrome with Comorbidities: A Korean Community-Based Cross-Sectional Study. Antioxidants, 2021, 10, 808.	5.1	20
23	Effects of heavy metals on cardiovascular diseases in pre and post-menopausal women: from big data to molecular mechanism involved. Environmental Science and Pollution Research, 0, , .	5.3	19
24	The role of mixed B vitamin intakes on cognitive performance: Modeling, genes and miRNAs involved. Journal of Psychiatric Research, 2022, 152, 38-56.	3.1	17
25	(Z)-5-(2,4-Dihydroxybenzylidene)thiazolidine-2,4-dione Prevents UVB-Induced Melanogenesis and Wrinkle Formation through Suppressing Oxidative Stress in HRM-2 Hairless Mice. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	4.0	16
26	Neuroprotective strategies to prevent and treat Parkinsonâ€™s disease based on its pathophysiological mechanism. Archives of Pharmacal Research, 2017, 40, 1117-1128.	6.3	16
27	Prolactin and Its Altered Action in Alzheimerâ€™s Disease and Parkinsonâ€™s Disease. Neuroendocrinology, 2022, 112, 427-445.	2.5	16
28	Higher intakes of fruits, vegetables, and multiple individual nutrients is associated with a lower risk of metabolic syndrome among adults with comorbidities. Nutrition Research, 2022, 99, 1-12.	2.9	14
29	Effects of chemical mixtures on liver function biomarkers in the Korean adult population: thresholds and molecular mechanisms for non-alcoholic fatty liver disease involved. Environmental Science and Pollution Research, 2022, 29, 78555-78587.	5.3	13
30	Organic solvent metabolite, 1,2-diacetylbenzene, impairs neural progenitor cells and hippocampal neurogenesis. Chemico-Biological Interactions, 2011, 194, 139-147.	4.0	12
31	Associations among the TREM-1 Pathway, Tau Hyperphosphorylation, Prolactin Expression, and Metformin in Diabetes Mice. NeuroImmunoModulation, 2022, 29, 359-368.	1.8	11
32	1,2-Diacetylbenzene impaired hippocampal memory by activating proinflammatory cytokines and upregulating the prolactin pathway: An in vivo and in vitro study. International Immunopharmacology, 2022, 108, 108901.	3.8	11
33	An increased intake of nutrients, fruits, and green vegetables was negatively related to the risk of arthritis and osteoarthritis development in the aging population. Nutrition Research, 2022, 99, 51-65.	2.9	10
34	The Effects of a Mixture of Cadmium, Lead, and Mercury on Metabolic Syndrome and Its Components, as well as Cognitive Impairment: Genes, MicroRNAs, Transcription Factors, and Sponge Relationships. Biological Trace Element Research, 2023, 201, 2200-2221.	3.5	10
35	Age-Dependent Sensitivity to the Neurotoxic Environmental Metabolite, 1,2-Diacetylbenzene. Biomolecules and Therapeutics, 2021, 29, 399-409.	2.4	9
36	Antidiabetic effect of gemigliptin: a systematic review and meta-analysis of randomized controlled trials with Bayesian inference through a quality management system. Scientific Reports, 2021, 11, 20938.	3.3	9

#	Article	IF	Citations
37	The association between curry-rice consumption and hypertension, type 2 diabetes, and depression: The findings from KNHANES 2012â€“2016. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2022, 16, 102378.	3.6	8
38	An increased intake of thiamine diminishes the risk of metabolic syndrome in the Korean population with various comorbidities. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2022, 16, 102443.	3.6	8
39	Associations between Prolactin, Diabetes, and Cognitive Impairment: A Literature Review. Neuroendocrinology, 2022, 112, 856-873.	2.5	7
40	Association between Serum Prolactin Levels and Neurodegenerative Diseases: Systematic Review and Meta-Analysis. NeuroImmunoModulation, 2022, 29, 85-96.	1.8	6
41	Action plans for depression management in South Korea: Evidence-based on depression survey data in 2009â€“2019 and during the COVID-19 pandemic. Health Policy and Technology, 2021, 10, 100575.	2.5	6
42	Reduction in Prevalence of Hypertension and Blood Heavy Metals among Curry-Consumed Korean. Tohoku Journal of Experimental Medicine, 2018, 244, 219-229.	1.2	4
43	Efficacy and Tolerability of Evogliptin in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-analysis with Bayesian Inference Through a Quality-management System. Clinical Therapeutics, 2021, 43, 1336-1355.	2.5	3