

# Jisong Ahn

## List of Publications by Year in descending order

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51  
papers

1,475  
citations

335018

20  
h-index

292087

38  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2562  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional approaches targeting mitochondria for the prevention of sarcopenia. <i>Nutrition Reviews</i> , 2024, 82, 676-694.	6.1	4
2	Dark tea extract attenuates age-related muscle loss by suppressing oxidative stress and inflammation in skeletal muscle of mice. <i>Journal of Functional Foods</i> , 2024, 112, 105980.	3.6	3
3	Identification of <i>Peucedanum japonicum</i> Thunb. extract components and their protective effects against dexamethasone-induced muscle atrophy. <i>Phytomedicine</i> , 2024, 128, 155449.	7.4	2
4	Whole red paprika ( <i>Capsicum annuum</i> L.) and its orange-red pigment capsanthin ameliorate obesity-induced skeletal muscle atrophy in mice. <i>Journal of Functional Foods</i> , 2023, 107, 105624.	3.6	3
5	Longevity through diet restriction and immunity. <i>BMB Reports</i> , 2023, 56, 537-544.	3.1	4
6	<i>Akkermansia muciniphila</i> promotes testosterone-mediated hair growth inhibition in mice. <i>FASEB BioAdvances</i> , 2023, 5, 521-527.	2.0	1
7	Fuzhuan brick tea extract prevents diet-induced obesity via stimulation of fat browning in mice. <i>Food Chemistry</i> , 2022, 377, 132006.	9.5	22
8	Antioxidant Activity of <i>Valeriana fauriei</i> Protects against Dexamethasone-Induced Muscle Atrophy. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.5	20
9	Castor Oil Plant ( <i>Ricinus communis</i> L.) Leaves Improve Dexamethasone-Induced Muscle Atrophy via Nrf2 Activation. <i>Frontiers in Pharmacology</i> , 2022, 13, .	4.0	13
10	<i>Mir214-3p</i> and <i>Hnf4a/Hnf4<math>\beta</math></i> reciprocally regulate <i>Ulk1</i> expression and autophagy in nonalcoholic hepatic steatosis. <i>Autophagy</i> , 2021, 17, 2415-2431.	13.8	34
11	6-Gingerol Ameliorates Hepatic Steatosis via HNF4 $\beta$ /miR-467b-3p/GPAT1 Cascade. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 1201-1213.	6.1	18
12	Withaferin A exerts an anti-obesity effect by increasing energy expenditure through thermogenic gene expression in high-fat diet-fed obese mice. <i>Phytomedicine</i> , 2021, 82, 153457.	7.4	19
13	<i>Chrysanthemum zawadskii</i> Herbich attenuates dexamethasone-induced muscle atrophy through the regulation of proteostasis and mitochondrial function. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111226.	6.7	26
14	$\beta$ -Oryzanol Improves Exercise Endurance and Muscle Strength by Upregulating PPAR $\gamma$ and ERR $\beta$ Activity in Aged Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, .	4.1	17
15	Investigation on the Effect of Cyclic Stretch and Hypoxia on Recovery of Damaged Skeletal Muscle Cells Using Microfluidic System. <i>Advanced Materials Technologies</i> , 2021, , 2100465.	6.1	2
16	Mitochondrial dysfunction in skeletal muscle contributes to the development of acute insulin resistance in mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1925-1939.	9.1	45
17	Green Tomato Extract Prevents Bone Loss in Ovariectomized Rats, a Model of Osteoporosis. <i>Nutrients</i> , 2020, 12, 3210.	4.6	6
18	Autophagy Functions to Prevent Methylglyoxal-Induced Apoptosis in HK-2 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	4.5	7

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19	Iridoids of <i>Valeriana fauriei</i> contribute to alleviating hepatic steatosis in obese mice by lipophagy. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 109950.	6.7	16
20	<i>Chrysanthemi Zawadskii</i> var. <i>Latilobum</i> Attenuates Obesity-Induced Skeletal Muscle Atrophy via Regulation of PRMTs in Skeletal Muscle of Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2811.	4.5	15
21	<i>Undaria pinnatifida</i> extract feeding increases exercise endurance and skeletal muscle mass by promoting oxidative muscle remodeling in mice. <i>FASEB Journal</i> , 2020, 34, 8068-8081.	0.7	18
22	Synergistic lipid-lowering effects of <i>Zingiber mioga</i> and <i>Hippophae rhamnoides</i> extracts. <i>Experimental and Therapeutic Medicine</i> , 2020, , .	2.0	3
23	Dry-Fermented Soybean Food (Cheonggukjang) Ameliorates Senile Osteoporosis in the Senescence-Accelerated Mouse Prone 6 Model. <i>Journal of Medicinal Food</i> , 2019, 22, 1047-1057.	2.1	14
24	<i>Hydrangea serrata</i> Tea Enhances Running Endurance and Skeletal Muscle Mass. <i>Molecular Nutrition and Food Research</i> , 2019, 63, .	4.1	8
25	Oleic acid-induced defective autolysosome shows impaired lipid degradation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 553-559.	2.1	13
26	Fermentation Improves the Preventive Effect of Soybean Against Bone Loss in Senescence-Accelerated Mouse Prone 6. <i>Journal of Food Science</i> , 2019, 84, 349-357.	3.1	8
27	<i>Inula japonica</i> Thunb. Flower Ethanol Extract Improves Obesity and Exercise Endurance in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2019, 11, 17.	4.6	18
28	Dihydrodaidzein and 6-hydroxydaidzein mediate the fermentation-induced increase of antiosteoporotic effect of soybeans in ovariectomized mice. <i>FASEB Journal</i> , 2019, 33, 3252-3263.	0.7	11
29	Optimization of Accelerated Solvent Extraction of Capsanthin from Red Paprika (<i>Capsicum) Tj ETQq1 1 0.784314 rgBT /Overloc 2019, 25, 519-528.	0.8	7
30	Chicoric acid mitigates impaired insulin sensitivity by improving mitochondrial function. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1197-1206.	1.2	20
31	Bioavailability of Isoflavone Metabolites After Korean Fermented Soybean Paste (<i>Doenjang) Ingestion in Estrogen-Deficient Rats. <i>Journal of Food Science</i> , 2018, 83, 2212-2221.	3.1	15
32	A Pilot Study on Characteristics of Metabolomics and Lipidomics according to Sasang Constitution. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, .	1.5	5
33	Red paprika ( <i>Capsicum annum</i> L.) and its main carotenoid capsanthin ameliorate impaired lipid metabolism in the liver and adipose tissue of high-fat diet-induced obese mice. <i>Journal of Functional Foods</i> , 2017, 31, 131-140.	3.6	37
34	Nutrikinetics of Isoflavone Metabolites After Fermented Soybean Product (Cheonggukjang) Ingestion in Ovariectomized Mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, .	4.1	21
35	Nutrikinetic study of genistein metabolites in ovariectomized mice. <i>PLoS ONE</i> , 2017, 12, e0186320.	2.5	12
36	Pharmacokinetics of Tyrosol Metabolites in Rats. <i>Molecules</i> , 2016, 21, 128.	4.4	23

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37	Zingiber mioga reduces weight gain, insulin resistance and hepatic gluconeogenesis in diet-induced obese mice. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 369-376.	2.0	7
38	Tyrosol, an olive oil polyphenol, inhibits ER stress-induced apoptosis in pancreatic $\beta$ -cell through JNK signaling. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 748-752.	2.1	32
39	$\beta$ -Oryzanol Enhances Adipocyte Differentiation and Glucose Uptake. <i>Nutrients</i> , 2015, 7, 4851-4861.	4.6	31
40	Pharmacokinetics, Tissue Distribution, and Anti-Lipogenic/Adipogenic Effects of Allyl-Isothiocyanate Metabolites. <i>PLoS ONE</i> , 2015, 10, e0132151.	2.5	40
41	Ethanol Extract of Taheebo Attenuates Increase in Body Weight and Fatty Liver in Mice Fed a High-Fat Diet. <i>Molecules</i> , 2014, 19, 16013-16023.	4.4	15
42	Cooked Rice Inhibits Hepatic Fat Accumulation by Regulating Lipid Metabolism-Related Gene Expression in Mice Fed a High-Fat Diet. <i>Journal of Medicinal Food</i> , 2014, 17, 36-42.	2.1	8
43	Allyl isothiocyanate ameliorates insulin resistance through the regulation of mitochondrial function. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1026-1034.	4.9	53
44	MicroRNA-46b promotes adipogenesis by suppressing the expression of SIRT1 and FOXO3. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1026-1034.	7.2	138
45	Anti-obesity effects of glabridin-rich supercritical carbon dioxide extract of licorice in high-fat-fed obese mice. <i>Food and Chemical Toxicology</i> , 2013, 51, 439-445.	3.6	61
46	High fat diet induced downregulation of microRNA-467b increased lipoprotein lipase in hepatic steatosis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 664-669.	2.1	61
47	Phytochemicals and Antioxidant Activity of Fruits and Leaves of Paprika ( <i>Capsicum Annuum</i> L.) Tj ETQq1 1 0,784314 ggBT /Over	3.1	81
48	Curcumin-induced suppression of adipogenic differentiation is accompanied by activation of Wnt/ $\beta$ -catenin signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C1510-C1516.	4.4	209
49	Murine Hepatic miRNAs Expression and Regulation of Gene Expression in Diet-Induced Obese Mice. <i>Molecules and Cells</i> , 2010, 31, 33-38.	5.0	33
50	Pterostilbene from <i>Vitis coignetiae</i> protect H <sub>2</sub> O <sub>2</sub> -induced inhibition of gap junctional intercellular communication in rat liver cell line. <i>Food and Chemical Toxicology</i> , 2009, 47, 404-409.	3.6	24
51	Dietary resveratrol alters lipid metabolism-related gene expression of mice on an atherogenic diet. <i>Journal of Hepatology</i> , 2008, 49, 1019-1028.	2.9	154