Yeonhwa Park

List of Publications by Citations

165 papers	8,380 citations	38 h-index	89 g-index
167 ext. papers	9,155 ext. citations	4.7 avg, IF	6.25 L-index

#	Paper	IF	Citations
165	Effect of conjugated linoleic acid on body composition in mice. *Lipids*, **1997**, 32, 853-8	1.6	914
164	The biologically active isomers of conjugated linoleic acid. *Progress in Lipid Research*, **2001**, 40, 283-98	14.3	783
163	Structural design principles for delivery of bioactive components in nutraceuticals and functional foods. *Critical Reviews in Food Science and Nutrition*, **2009**, 49, 577-606	11.5	667
162	Evidence that the trans-10,cis-12 isomer of conjugated linoleic acid induces body composition changes in mice. *Lipids*, **1999**, 34, 235-41	1.6	646
161	Controlling lipid bioavailability through physicochemical and structural approaches. *Critical Reviews in Food Science and Nutrition*, **2009**, 49, 48-67	11.5	326
160	Implication of conjugated linoleic acid (CLA) in human health. *Critical Reviews in Food Science and Nutrition*, **2012**, 52, 488-513	11.5	263
159	Changes in body composition in mice during feeding and withdrawal of conjugated linoleic acid. *Lipids*, **1999**, 34, 243-8	1.6	252
158	Mechanisms of action of conjugated linoleic acid: evidence and speculation. *Proceedings of the Society for Experimental Biology and Medicine*, **2000**, 223, 8-13		239
157	The trans-10,cis-12 isomer of conjugated linoleic acid downregulates stearoyl-CoA desaturase 1 gene expression in 3T3-L1 adipocytes. *Journal of Nutrition*, **2000**, 130, 1920-4	4.1	214
156	Influence of Interfacial Composition on in Vitro Digestibility of Emulsified Lipids: Potential Mechanism for Chitosan's Ability to Inhibit Fat Digestion. *Food Biophysics*, **2006**, 1, 21-29	3.2	211
155	Mechanisms of body fat modulation by conjugated linoleic acid (CLA). *Food Research International*, **2007**, 40, 311-323	7	164
154	Designing Food Structure to Control Stability, Digestion, Release and Absorption of Lipophilic Food Components. *Food Biophysics*, **2008**, 3, 219-228	3.2	162
153	Healthier meat products as functional foods. *Meat Science*, **2010**, 86, 49-55	6.4	139
152	trans-10,cis-12 CLA inhibits differentiation of 3T3-L1 adipocytes and decreases PPAR gamma expression. *Biochemical and Biophysical Research Communications*, **2003**, 303, 795-9	3.4	133
151	Conjugated Linoleic Acid: Potential Health Benefits as a Functional Food Ingredient. *Annual Review of Food Science and Technology*, **2016**, 7, 221-44	14.7	129
150	Inhibition of hepatic stearoyl-CoA desaturase activity by trans-10, cis-12 conjugated linoleic acid and its derivatives. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2000**, 1486, 285-92	5	124
149	Influence of conjugated linoleic acid on body composition and target gene expression in peroxisome proliferator-activated receptor alpha-null mice. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2001**, 1533, 233-42	5	120

148	Conjugated linoleic acid stimulates an anti-tumorigenic protein NAG-1 in an isomer specific manner. *Carcinogenesis*, **2006**, 27, 972-81	4.6	107
147	Comparison of methylation procedures for conjugated linoleic acid and artifact formation by commercial (trimethylsilyl) diazomethane. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 1158-64	5.7	107
146	Conjugated linoleic acid (CLA): Good or bad trans fat?. *Journal of Food Composition and Analysis*, **2009**, 22, S4-S12	4.1	98
145	Regulation of stearoyl-CoA desaturase activity by the trans-10,cis-12 isomer of conjugated linoleic acid in HepG2 cells. *Biochemical and Biophysical Research Communications*, **2001**, 284, 689-93	3.4	96
144	Influence of encapsulation of emulsified lipids with chitosan on their in vivo digestibility. *Food Chemistry*, **2007**, 104, 761-767	8.5	62
143	Decreased antigen-induced eicosanoid release in conjugated linoleic acid-fed guinea pigs. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2002**, 282, R1104-12	3.2	61
142	A living model for obesity and aging research: Caenorhabditis elegans. *Critical Reviews in Food Science and Nutrition*, **2018**, 58, 741-754	11.5	60
141	Inhibition of stearoyl-CoA desaturase activity by the cis-9,trans-11 isomer and the trans-10,cis-12 isomer of conjugated linoleic acid in MDA-MB-231 and MCF-7 human breast cancer cells. *Biochemical and Biophysical Research Communications*, **2002**, 294, 785-90	3.4	60
140	Caenorhabditis elegans: A Convenient In Vivo Model for Assessing the Impact of Food Bioactive Compounds on Obesity, Aging, and Alzheimer‐s Disease. *Annual Review of Food Science and Technology*, **2018**, 9, 1-22	14.7	58
139	Imidacloprid Promotes High Fat Diet-Induced Adiposity and Insulin Resistance in Male C57BL/6J Mice. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 9293-9306	5.7	58
138	Imidacloprid, a neonicotinoid insecticide, potentiates adipogenesis in 3T3-L1 adipocytes. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 255-9	5.7	57
137	Structure-activity relationship of conjugated linoleic acid and its cognates in inhibiting heparin-releasable lipoprotein lipase and glycerol release from fully differentiated 3T3-L1 adipocytes. *Journal of Nutritional Biochemistry*, **2004**, 15, 561-8	6.3	50
136	Conjugated linoleic acid (CLA) prevents body fat accumulation and weight gain in an animal model. *Journal of Food Science*, **2007**, 72, S612-7	3.4	48
135	4,4‐Dichlorodiphenyltrichloroethane (DDT) and 4,4‐dichlorodiphenyldichloroethylene (DDE) promote adipogenesis in 3T3-L1 adipocyte cell culture. *Pesticide Biochemistry and Physiology*, **2016**, 131, 40-5	4.9	45
134	Lipidomic profiling reveals soluble epoxide hydrolase as a therapeutic target of obesity-induced colonic inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 5283-5288	11.5	44
133	Permethrin alters adipogenesis in 3T3-L1 adipocytes and causes insulin resistance in C2C12 myotubes. *Journal of Biochemical and Molecular Toxicology*, **2014**, 28, 418-24	3.4	42
132	Modulation of lipid digestibility using structured emulsion-based delivery systems: comparison of in vivo and in vitro measurements. *Food and Function*, **2012**, 3, 528-36	6.1	42
131	Short-term intake of conjugated linoleic acid inhibits lipoprotein lipase and glucose metabolism but does not enhance lipolysis in mouse adipose tissue. *Journal of Nutrition*, **2003**, 133, 663-7	4.1	42

130	Fipronil promotes adipogenesis via AMPK‐mediated pathway in 3T3-L1 adipocytes. *Food and Chemical Toxicology*, **2016**, 92, 217-23	4.7	41
129	Transcriptome profiling of Camelina sativa to identify genes involved in triacylglycerol biosynthesis and accumulation in the developing seeds. *Biotechnology for Biofuels*, **2016**, 9, 136	7.8	40
128	Lipoxygenase inhibitors inhibit heparin-releasable lipoprotein lipase activity in 3T3-L1 adipocytes and enhance body fat reduction in mice by conjugated linoleic acid. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2001**, 1534, 27-33	5	40
127	Preventive effects of cranberry products on experimental colitis induced by dextran sulphate sodium in mice. *Food Chemistry*, **2015**, 167, 438-46	8.5	38
126	Imidacloprid Promotes High Fat Diet-Induced Adiposity in Female C57BL/6J Mice and Enhances Adipogenesis in 3T3-L1 Adipocytes via the AMPK‐Mediated Pathway. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 6572-6581	5.7	36
125	Evidence that commercial calf and horse sera can contain substantial amounts of trans-10,cis-12 conjugated linoleic acid. *Lipids*, **1998**, 33, 817-9	1.6	36
124	Effects of conjugated linoleic acid (CLA) on immune responses, body composition and stearoyl-CoA desaturase. *Applied Physiology, Nutrition, and Metabolism*, **2002**, 27, 617-28		36
123	Differential responses of hamsters and rats fed high-fat or low-fat diets supplemented with conjugated linoleic acid. *Nutrition Research*, **2002**, 22, 715-722	4	36
122	Cranberry Product Decreases Fat Accumulation in Caenorhabditis elegans. *Journal of Medicinal Food*, **2016**, 19, 427-33	2.8	35
121	Exposure to permethrin promotes high fat diet-induced weight gain and insulin resistance in male C57BL/6J mice. *Food and Chemical Toxicology*, **2018**, 111, 405-416	4.7	35
120	Piceatannol extends the lifespan of Caenorhabditis elegans via DAF-16. *BioFactors*, **2017**, 43, 379-387	6.1	34
119	Potential contribution of insecticide exposure and development of obesity and type 2 diabetes. *Food and Chemical Toxicology*, **2017**, 105, 456-474	4.7	33
118	Food components with anti-obesity effect. *Annual Review of Food Science and Technology*, **2011**, 2, 237-57	4.7	33
117	The effects of dietary conjugated nonadecadienoic acid on body composition in mice. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2001**, 1533, 171-4	5	33
116	Biological activities of conjugated fatty acids: conjugated eicosadienoic (conj. 20:2delta(c11,t13/t12,c14)), eicosatrienoic (conj. 20:3delta(c8,t12,c14)), and heneicosadienoic (conj. 21:2delta(c12,t14/c13,t15)) acids and other metabolites of conjugated linoleic acid. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2005**, 1687, 120-9	5	32
115	Imidacloprid, a neonicotinoid insecticide, induces insulin resistance. *Journal of Toxicological Sciences* , **2013**, 38, 655-60	1.9	30
114	Deltamethrin increases the fat accumulation in 3T3-L1 adipocytes and Caenorhabditis elegans. *Food and Chemical Toxicology*, **2017**, 101, 149-156	4.7	29
113	Effects of salts on oxidative stability of lipids in Tween-20 stabilized oil-in-water emulsions. *Food Chemistry*, **2016**, 197 Pt B, 1130-5	8.5	29

112	Perfluorobutanesulfonic acid (PFBS) potentiates adipogenesis of 3T3-L1 adipocytes. *Food and Chemical Toxicology*, **2018**, 120, 340-345	4.7	28
111	Effect of conjugated linoleic acid on bone formation and rheumatoid arthritis. *European Journal of Pharmacology*, **2007**, 568, 16-24	5.3	28
110	Overview of conjugated linoleic acid formation and accumulation in animal products. *Livestock Science*, **2017**, 195, 105-111	1.7	27
109	trans-10,cis-12 conjugated linoleic acid enhances endurance capacity by increasing fatty acid oxidation and reducing glycogen utilization in mice. *Lipids*, **2012**, 47, 855-63	1.6	27
108	Effects of trans-10,cis-12 conjugated linoleic acid and cognates on apolipoprotein B secretion in HepG2 cells. *Nutrition Research*, **2005**, 25, 387-399	4	26
107	Effects of conjugated linoleic acid on long term feeding in Fischer 344 rats. *Food and Chemical Toxicology*, **2005**, 43, 1273-9	4.7	26
106	The Bioactive Effects of Chicoric Acid As a Functional Food Ingredient. *Journal of Medicinal Food*, **2019**, 22, 645-652	2.8	25
105	Delivery of dietary triglycerides to Caenorhabditis elegans using lipid nanoparticles: Nanoemulsion-based delivery systems. *Food Chemistry*, **2016**, 202, 451-7	8.5	25
104	Permethrin alters glucose metabolism in conjunction with high fat diet by potentiating insulin resistance and decreases voluntary activities in female C57BL/6J mice. *Food and Chemical Toxicology*, **2017**, 108, 161-170	4.7	25
103	Impact of Conjugated Linoleic Acid (CLA) on Skeletal Muscle Metabolism. *Lipids*, **2016**, 51, 159-78	1.6	24
102	Permethrin potentiates adipogenesis via intracellular calcium and endoplasmic reticulum stress-mediated mechanisms in 3T3-L1 adipocytes. *Food and Chemical Toxicology*, **2017**, 109, 123-129	4.7	23
101	Lipidomic profiling of high-fat diet-induced obesity in mice: Importance of cytochrome P450-derived fatty acid epoxides. *Obesity*, **2017**, 25, 132-140	8	22
100	Permethrin and ivermectin modulate lipid metabolism in steatosis-induced HepG2 hepatocyte. *Food and Chemical Toxicology*, **2019**, 125, 595-604	4.7	22
99	Polyunsaturated fatty acids and their cytochrome P450-derived metabolites suppress colorectal tumor development in mice. *Journal of Nutritional Biochemistry*, **2017**, 48, 29-35	6.3	21
98	Cosupplementation of dietary calcium and conjugated linoleic acid (CLA) improves bone mass in mice. *Journal of Food Science*, **2008**, 73, C556-60	3.4	21
97	Modulation of cholesterol metabolism by Ginkgo biloba L. nuts and their extract. *Food Research International*, **2008**, 41, 89-95	7	21
96	Piceatannol Reduces Fat Accumulation in Caenorhabditis elegans. *Journal of Medicinal Food*, **2017**, 20, 887-894	2.8	20
95	Mechanisms of action of coffee bioactive components on lipid metabolism. *Food Science and Biotechnology*, **2019**, 28, 1287-1296	3	20

94	Conjugated fatty acids increase energy expenditure in part by increasing voluntary movement in mice. *Food Chemistry*, **2012**, 133, 400-9	8.5	20
93	AAK-2 and SKN-1 Are Involved in Chicoric-Acid-Induced Lifespan Extension in. *Journal of Agricultural and Food Chemistry*, **2019**, 67, 9178-9186	5.7	19
92	Conjugated linoleic acid (CLA) stimulates mitochondrial biogenesis signaling by the upregulation of PPAR□coactivator 1□(PGC-1)□in C2C12 cells. *Lipids*, **2015**, 50, 329-38	1.6	19
91	Green coffee bean extract and 5-O-caffeoylquinic acid regulate fat metabolism in Caenorhabditis elegans. *Journal of Functional Foods*, **2018**, 48, 586-593	5.1	19
90	p-Coumaric acid improves oxidative and osmosis stress responses in Caenorhabditis elegans. *Journal of the Science of Food and Agriculture*, **2019**, 99, 1190-1197	4.3	19
89	Effect of the Composition and Structure of Excipient Emulsion on the Bioaccessibility of Pesticide Residue in Agricultural Products. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 9128-9138	5.7	19
88	Improving yield and mineral nutrient concentration of potato tubers through cover cropping. *Field Crops Research*, **2017**, 212, 45-51	5.5	19
87	Confocal fluorescence mapping of pH profile inside hydrogel beads (microgels) with controllable internal pH values. *Food Hydrocolloids*, **2017**, 65, 198-205	10.6	19
86	Interaction between dietary conjugated linoleic acid and calcium supplementation affecting bone and fat mass. *Journal of Bone and Mineral Metabolism*, **2011**, 29, 268-78	2.9	19
85	Nutrient Accumulation in Faba Bean Varieties. *Communications in Soil Science and Plant Analysis*, **2018**, 49, 2064-2073	1.5	18
84	Effects of conjugated linoleic acid (CLA) on fat accumulation, activity, and proteomics analysis in Caenorhabditis elegans. *Food Chemistry*, **2018**, 249, 193-201	8.5	17
83	trans-10,cis-12 conjugated linoleic acid promotes bone formation by inhibiting adipogenesis by peroxisome proliferator activated receptor-□dependent mechanisms and by directly enhancing osteoblastogenesis from bone marrow mesenchymal stem cells. *Journal of Nutritional Biochemistry*, **2013**, 24, 672-9	6.3	17
82	Conjugated nonadecadienoic acid is more potent than conjugated linoleic acid on body fat reduction. *Journal of Nutritional Biochemistry*, **2010**, 21, 764-73	6.3	17
81	ATF3 Mediates Anti-Cancer Activity of Trans-10, cis-12-Conjugated Linoleic Acid in Human Colon Cancer Cells. *Biomolecules and Therapeutics*, **2015**, 23, 134-40	4.2	17
80	Comprehensive in vitro and in vivo risk assessments of chitosan microparticles using human epithelial cells and Caenorhabditis elegans. *Journal of Hazardous Materials*, **2018**, 341, 248-256	12.8	16
79	NF-kappaB independent inhibition of lipopolysaccharide-induced cyclooxygenase by a conjugated linoleic acid cognate, conjugated nonadecadienoic acid. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2006**, 1761, 969-72	5	15
78	Environmental pollutants and type 2 diabetes: a review of human studies. *Toxicological and Environmental Chemistry*, **2017**, 99, 1283-1303	1.4	14
77	trans-Trismethoxy resveratrol decreased fat accumulation dependent on fat-6 and fat-7 in Caenorhabditis elegans. *Food and Function*, **2019**, 10, 4966-4974	6.1	14

76	Conjugated linoleic acid and calcium co-supplementation improves bone health in ovariectomised mice. *Food Chemistry*, **2013**, 140, 280-8	8.5	14
75	Per- and Polyfluoroalkyl Substances and Obesity, Type 2 Diabetes and Non-alcoholic Fatty Liver Disease: A Review of Epidemiologic Findings. *Toxicological and Environmental Chemistry*, **2020**, 102, 1-36	1.4	14
74	Thermally Processed Oil Exaggerates Colonic Inflammation and Colitis-Associated Colon Tumorigenesis in Mice. *Cancer Prevention Research*, **2019**, 12, 741-750	3.2	13
73	Deltamethrin promotes adipogenesis via AMPK and ER stress-mediated pathway in 3T3- L1 adipocytes and Caenorhabditis elegans. *Food and Chemical Toxicology*, **2019**, 134, 110791	4.7	13
72	Nanoemulsion-based delivery systems for testing nutraceutical efficacy using Caenorhabditis elegans: Demonstration of curcumin bioaccumulation and body-fat reduction. *Food Research International*, **2019**, 120, 157-166	7	13
71	Cortisone and dexamethasone inhibit myogenesis by modulating the AKT/mTOR signaling pathway in C2C12. *Bioscience, Biotechnology and Biochemistry*, **2016**, 80, 2093-2099	2.1	13
70	-10,-12 CLA promotes osteoblastogenesis via SMAD mediated mechanism in bone marrow mesenchymal stem cells. *Journal of Functional Foods*, **2014**, 8, 367-376	5.1	13
69	EFFECTS OF CONJUGATED LINOLEIC ACID ISOMERS ON SERUM TUMOR NECROSIS FACTOR-A CONCENTRATION IN MICE. *Journal of Food Biochemistry*, **2007**, 31, 252-265	3.3	13
68	Cafestol increases fat oxidation and energy expenditure in Caenorhabditis elegans via DAF-12-dependent pathway. *Food Chemistry*, **2020**, 307, 125537	8.5	13
67	Permethrin decreased insulin-stimulated AKT phosphorylation dependent on extracellular signal-regulated kinase-1 (ERK), but not AMP-activated protein kinase (AMPK), in C2C12 myotubes. *Food and Chemical Toxicology*, **2017**, 109, 95-101	4.7	12
66	Perfluorooctanesulfonic acid (PFOS) and perfluorobutanesulfonic acid (PFBS) impaired reproduction and altered offspring physiological functions in Caenorhabditis elegans. *Food and Chemical Toxicology*, **2020**, 145, 111695	4.7	12
65	Developmental exposures to perfluorooctanesulfonic acid (PFOS) impact embryonic nutrition, pancreatic morphology, and adiposity in the zebrafish, Danio rerio. *Environmental Pollution*, **2021**, 275, 116644	9.3	12
64	Conjugated linoleic acid (CLA) promotes endurance capacity via peroxisome proliferator-activated receptor mediated mechanism in mice. *Journal of Nutritional Biochemistry*, **2016**, 38, 125-133	6.3	12
63	Piceatannol attenuates fat accumulation and oxidative stress in steatosis-induced HepG2 cells. *Current Research in Food Science*, **2020**, 3, 92-99	5.6	11
62	Adaptations of Skeletal Muscle Mitochondria to Obesity, Exercise, and Polyunsaturated Fatty Acids. *Lipids*, **2018**, 53, 271-278	1.6	11
61	Effects of dietary conjugated linoleic acid (CLA) on spontaneously hypertensive rats. *Journal of Functional Foods*, **2010**, 2, 54-59	5.1	11
60	Epigallocatechin-3-Gallate Reduces Fat Accumulation in. *Preventive Nutrition and Food Science*, **2018**, 23, 214-219	2.4	11
59	Insecticide Exposure and Development of Nonalcoholic Fatty Liver Disease. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 10132-10138	5.7	11

58	Effects of trans-10,cis-12 conjugated linoleic acid on body composition in genetically obese mice. *Journal of Medicinal Food*, **2009**, 12, 56-63	2.8	10
57	3,3′Diindolylmethane Suppresses Adipogenesis Using AMPK□Dependent Mechanism in 3T3-L1 Adipocytes and Caenorhabditis elegans. *Journal of Medicinal Food*, **2017**, 20, 646-652	2.8	9
56	Chicoric acid promotes glucose uptake and Akt phosphorylation via AMP-activated protein kinase □dependent pathway. *Journal of Functional Foods*, **2019**, 59, 8-15	5.1	9
55	Selective conjugated fatty acids inhibit guinea pig platelet aggregation. *European Journal of Pharmacology*, **2006**, 545, 93-9	5.3	9
54	How To Stabilize □ Polyunsaturated Fatty Acids (PUFAs) in an Animal Feeding Study?-Effects of the Temperature, Oxygen Level, and Antioxidant on Oxidative Stability of □ PUFAs in a Mouse Diet. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 13146-13153	5.7	8
53	Dietary conjugated nonadecadienoic acid prevents adult-onset obesity in nescient basic helix-loop-helix 2 knockout mice. *Journal of Nutritional Biochemistry*, **2013**, 24, 556-66	6.3	8
52	Permethrin, a pyrethroid insecticide, regulates ERK1/2 activation through membrane depolarization-mediated pathway in HepG2 hepatocytes. *Food and Chemical Toxicology*, **2018**, 121, 387-395	4.7	8
51	Conjugated Linoleic Acid in Human Health Effects on Weight Control **2014**, 429-446		7
50	Dietary influences on nonexercise physical activity and energy expenditure in C57BL/6J mice. *Journal of Food Science*, **2012**, 77, H63-8	3.4	7
49	Mechanisms of Action of Conjugated Linoleic Acid: Evidence and Speculation. *Proceedings of the Society for Experimental Biology and Medicine*, **2000**, 223, 8-13		7
48	Effects of postweaning administration of conjugated linoleic acid on development of obesity in nescient basic helix-loop-helix 2 knockout mice. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 5212-23	5.7	6
47	Application of for Research on Endoplasmic Reticulum Stress. *Preventive Nutrition and Food Science*, **2018**, 23, 275-281	2.4	6
46	Fat-lowering effects of isorhamnetin are via NHR-49-dependent pathway in. *Current Research in Food Science*, **2020**, 2, 70-76	5.6	6
45	Conjugated linoleic acid (CLA) influences muscle metabolism via stimulating mitochondrial biogenesis signaling in adult-onset inactivity induced obese mice. *European Journal of Lipid Science and Technology*, **2016**, 118, 1305-1316	3	6
44	4,4′Dichlorodiphenyltrichloroethane (DDT) and 4,4′dichlorodiphenyldichloroethylene (DDE) inhibit myogenesis in C2C12 myoblasts. *Journal of the Science of Food and Agriculture*, **2017**, 97, 5176-5185	4.3	5
43	C. elegans ACAT regulates lipolysis and its related lifespan in fasting through modulation of the genes in lipolysis and insulin/IGF-1 signaling. *BioFactors*, **2020**, 46, 754-765	6.1	5
42	Conjugated Linoleic Acid and Postmenopausal Women′s Health. *Journal of Food Science*, **2015**, 80, R1137-43	3.4	5
41	Preventive effects of conjugated linoleic acid on obesity by improved physical activity in nescient basic helix-loop-helix 2 knockout mice during growth period. *Food and Function*, **2012**, 3, 1280-5	6.1	5

40	as a model for obesity research. *Current Research in Food Science*, **2021**, 4, 692-697	5.6	5
39	Ivermectin decreases triglyceride accumulation by inhibiting adipogenesis of 3T3-L1 preadipocytes. *Food and Chemical Toxicology*, **2019**, 131, 110576	4.7	4
38	Conjugated Linoleic Acid in Human Health: Effects on Weight Control **2019**, 355-382		4
37	Butein inhibits lipogenesis in Caenorhabditis elegans. *BioFactors*, **2020**, 46, 777-787	6.1	3
36	Epigallocatechin gallate (EGCG) alters body fat and lean mass through sex-dependent metabolic mechanisms in. *International Journal of Food Sciences and Nutrition*, **2019**, 70, 959-969	3.7	2
35	Complex formation of conjugated linoleic acid with iron. *Food Chemistry*, **2007**, 100, 972-976	8.5	2
34	A Pyrethroid Pesticide, Permethrin, Alters Lipid Metabolism and Voluntary Activities in Mice. *FASEB Journal*, **2015**, 29, 776.2	0.9	2
33	Effects of conjugated linoleic acid (CLA) on calcium homeostasis in ovariectomized mice. *FASEB Journal*, **2010**, 24, lb377	0.9	2
32	Kahweol Reduces Food Intake of. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 9683-9689	5.7	2
31	Maternal preconception PFOS exposure of Drosophila melanogaster alters reproductive capacity, development, morphology and nutrient regulation. *Food and Chemical Toxicology*, **2021**, 151, 112153	4.7	2
30	Curcumin reduced fat accumulation in. *Current Research in Food Science*, **2021**, 4, 551-556	5.6	2
29	INFLUENCE OF STEARIDONIC ACID ON LIPOPROTEIN SECRETION AND FATTY ACID COMPOSITION IN HEPG2 CELLS. *Journal of Food Lipids*, **2007**, 14, 366-376		1
28	Membrane polarization in non-neuronal cells as a potential mechanism of metabolic disruption by depolarizing insecticides.. *Food and Chemical Toxicology*, **2022**, 160, 112804	4.7	1
27	Conjugated linoleic acid (CLA) activates PGC-1alpha via AMPK and SIRT1 in C2C12 myotubes. *FASEB Journal*, **2013**, 27, 637.25	0.9	1
26	Natural Products in the Prevention of Metabolic Diseases: Lessons Learned from the 20th KAST Frontier Scientists Workshop. *Nutrients*, **2021**, 13,	6.7	1
25	Conjugated Linoleic Acid Regulates Body Composition and Locomotor Activity in a Sex-Dependent Manner in Drosophila melanogaster. *Lipids*, **2018**, 53, 825-834	1.6	1
24	Effects of Linoleic Acid-Rich Diet on Plasma Profiles of Eicosanoids and Development of Colitis in -10 Mice. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 7641-7647	5.7	0
23	Development of effective heparin extraction method from pig by-products and analysis of their bioavailability. *Journal of Animal Science and Technology*, **2020**, 62, 933-947	1.6	0

22	Perfluorobutanesulfonic Acid (PFBS) Induces Fat Accumulation in HepG2 Human Hepatoma. *Toxicological and Environmental Chemistry*, **2020**, 102, 585-606	1.4	0
21	Methylglyoxal influences development of Caenorhabditis elegans via lin-41-dependent pathway. *Food and Chemical Toxicology*, **2021**, 152, 112238	4.7	0
20	Azelaic Acid Promotes Caenorhabditis elegans Longevity at Low Temperature Via an Increase in Fatty Acid Desaturation. *Pharmaceutical Research*, **2021**, 38, 15-26	4.5	0
19	The Nrf2a pathway impacts zebrafish offspring development with maternal preconception exposure to perfluorobutanesulfonic acid. *Chemosphere*, **2022**, 287, 132121	8.4	0
18	Conjugated Lipids and Health **2020**, 1-20		
17	Conjugated Fatty Acids as a Prevention Tool for Obesity and Osteoporosis. *ACS Symposium Series*, **2012**, 393-405	0.4	
16	Biological activities of conjugated fatty acids: conjugated eicosadienoic (conj. 20:2?), eicosatrienoic (conj. 20:3?), and heneicosadienoic (conj. 21:2?) acids and other metabolites of conjugated linoleic acid. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2004**, 1687, 120-120	5	
15	Conjugated linoleic acid (CLA) regulates female reproduction via sex pheromone regulation without affecting larval development in Drosophila melanogaster. *Food and Life*, **2020**, 2020, 37-45	0.8	
14	Permethrin, a pyrethroid insecticide, impairs insulin-stimulated glucose uptake in C2C12 myotubes (1142.7). *FASEB Journal*, **2014**, 28, 1142.7	0.9	
13	Effects of Imidacloprid on Myogenesis in C2C12 Myoblasts. *FASEB Journal*, **2015**, 29, 612.5	0.9	
12	Effects of Early Administration of Conjugated Linoleic Acid on Development of Obesity in NescientBasic Helix-Loop-Helix 2 Knockout Mice. *FASEB Journal*, **2015**, 29, 608.19	0.9	
11	Comparison of conjugated linoleic acid (CLA) and conjugated nonadecadienoic acid (CNA) with regard to lipid metabolism in mice. *FASEB Journal*, **2009**, 23, 717.30	0.9	
10	Effect of Conjugated Linoleic Acid (CLA) on Tumor Suppression in Canine Osteosarcoma Cells. *FASEB Journal*, **2009**, 23, LB501	0.9	
9	trans-10,cis-12 CLA suppresses osteosarcoma cells via phosphoinositide 3-kinase pathway. *FASEB Journal*, **2010**, 24, lb381	0.9	
8	Inhibitory effect of t10 c12 conjugated linoleic acid (CLA) isomer on clozapine induced adipogenesis in 3T3-L1 cells. *FASEB Journal*, **2011**, 25, lb288	0.9	
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