

Maria J Moreno-Aliaga

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

133 papers	4,364 citations	38 h-index	60 g-index
144 ext. papers	4,956 ext. citations	5.6 avg, IF	5.5 L-index

#	Paper	IF	Citations
133	Leptin resistance and diet-induced obesity: central and peripheral actions of leptin. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 35-46	12.7	274
132	Role of omega-3 fatty acids in obesity, metabolic syndrome, and cardiovascular diseases: a review of the evidence. <i>Journal of Physiology and Biochemistry</i> , 2013 , 69, 633-51	5	274
131	Eicosapentaenoic acid actions on adiposity and insulin resistance in control and high-fat-fed rats: role of apoptosis, adiponectin and tumour necrosis factor-alpha. <i>British Journal of Nutrition</i> , 2007 , 97, 389-98	3.6	168
130	DNA microarray analysis of genes differentially expressed in diet-induced (cafeteria) obese rats. <i>Obesity</i> , 2003 , 11, 188-94		124
129	Omega-3 fatty acids and adipose tissue function in obesity and metabolic syndrome. <i>Prostaglandins and Other Lipid Mediators</i> , 2015 , 121, 24-41	3.7	122
128	Role of obesity-associated dysfunctional adipose tissue in cancer: a molecular nutrition approach. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011 , 1807, 664-78	4.6	101
127	Genes, lifestyles and obesity. <i>International Journal of Obesity</i> , 2004 , 28 Suppl 3, S29-36	5.5	97
126	Differential expression of aquaporin 7 in adipose tissue of lean and obese high fat consumers. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 785-9	3.4	89
125	Oxidative Stress and Non-Alcoholic Fatty Liver Disease: Effects of Omega-3 Fatty Acid Supplementation. <i>Nutrients</i> , 2019 , 11,	6.7	88
124	Cardiotrophin-1 is a key regulator of glucose and lipid metabolism. <i>Cell Metabolism</i> , 2011 , 14, 242-53	24.6	86
123	Regulation of adipokine secretion by n-3 fatty acids. <i>Proceedings of the Nutrition Society</i> , 2010 , 69, 324-32.9		76
122	Effects of lipoic acid and eicosapentaenoic acid in overweight and obese women during weight loss. <i>Obesity</i> , 2015 , 23, 313-21	8	74
121	An update on the role of omega-3 fatty acids on inflammatory and degenerative diseases. <i>Journal of Physiology and Biochemistry</i> , 2015 , 71, 341-9	5	71
120	Eicosapentaenoic fatty acid increases leptin secretion from primary cultured rat adipocytes: role of glucose metabolism. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 288, R1682-8	3.2	64
119	Lipoic acid improves mitochondrial function in nonalcoholic steatosis through the stimulation of sirtuin 1 and sirtuin 3. <i>Obesity</i> , 2012 , 20, 1974-83	8	62
118	Transcriptional regulation of the leptin promoter by insulin-stimulated glucose metabolism in 3t3-l1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 283, 544-8	3.4	62
117	Eicosapentaenoic acid stimulates AMP-activated protein kinase and increases visfatin secretion in cultured murine adipocytes. <i>Clinical Science</i> , 2009 , 117, 243-9	6.5	61

116	Maresin 1 improves insulin sensitivity and attenuates adipose tissue inflammation in and diet-induced obese mice. <i>FASEB Journal</i> , 2017 , 31, 2135-2145	0.9	59
115	Predictor factors for childhood obesity in a Spanish case-control study. <i>Nutrition</i> , 2007 , 23, 379-84	4.8	58
114	ZAG, a lipid mobilizing adipokine, is downregulated in human obesity. <i>Journal of Physiology and Biochemistry</i> , 2008 , 64, 61-6	5	58
113	Effects of 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-ethane (p,p'DDT) on 3T3-L1 and 3T3-F442A adipocyte differentiation. <i>Biochemical Pharmacology</i> , 2002 , 63, 997-1007	6	58
112	Does weight loss prognosis depend on genetic make-up?. <i>Obesity Reviews</i> , 2005 , 6, 155-68	10.6	58
111	Lipoic acid prevents body weight gain induced by a high fat diet in rats: effects on intestinal sugar transport. <i>Journal of Physiology and Biochemistry</i> , 2009 , 65, 43-50	5	57
110	Role of Omentin, Vaspin, Cardiotrophin-1, TWEAK and NOV/CCN3 in Obesity and Diabetes Development. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	55
109	Gene-gene interaction between PPAR gamma 2 and ADR beta 3 increases obesity risk in children and adolescents. <i>International Journal of Obesity</i> , 2004 , 28 Suppl 3, S37-41	5.5	54
108	Effects of eicosapentaenoic acid ethyl ester on visfatin and apelin in lean and overweight (cafeteria diet-fed) rats. <i>British Journal of Nutrition</i> , 2009 , 101, 1059-67	3.6	53
107	Association between obesity and insulin resistance with UCP2-UCP3 gene variants in Spanish children and adolescents. <i>Molecular Genetics and Metabolism</i> , 2007 , 92, 351-8	3.7	51
106	Enhanced gene delivery in vitro and in vivo by improved transferrin-lipoplexes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1561, 209-21	3.8	50
105	Cardiotrophin-1 eliminates hepatic steatosis in obese mice by mechanisms involving AMPK activation. <i>Journal of Hepatology</i> , 2014 , 60, 1017-25	13.4	47
104	Differential inflammatory status in rats susceptible or resistant to diet-induced obesity: effects of EPA ethyl ester treatment. <i>European Journal of Nutrition</i> , 2008 , 47, 380-6	5.2	45
103	Eicosapentaenoic acid promotes mitochondrial biogenesis and beige-like features in subcutaneous adipocytes from overweight subjects. <i>Journal of Nutritional Biochemistry</i> , 2016 , 37, 76-82	6.3	44
102	Effects of eicosapentaenoic acid (EPA) on adiponectin gene expression and secretion in primary cultured rat adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2006 , 62, 61-9	5	43
101	Conjugated linoleic acid inhibits glucose metabolism, leptin and adiponectin secretion in primary cultured rat adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2007 , 268, 50-8	4.4	43
100	Essential role of Nrf2 in the protective effect of lipoic acid against lipoapoptosis in hepatocytes. <i>Free Radical Biology and Medicine</i> , 2015 , 84, 263-278	7.8	42
99	Gene expression changes in rat white adipose tissue after a high-fat diet determined by differential display. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 234-9	3.4	41

98	ℓipoic acid treatment increases mitochondrial biogenesis and promotes beige adipose features in subcutaneous adipocytes from overweight/obese subjects. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 273-81	5	40
97	Supplementation with ℓipoic Acid Alone or in Combination with Eicosapentaenoic Acid Modulates the Inflammatory Status of Healthy Overweight or Obese Women Consuming an Energy-Restricted Diet. <i>Journal of Nutrition</i> , 2015 , 146, 889S-896S	4.1	39
96	Eicosapentaenoic acid up-regulates apelin secretion and gene expression in 3T3-L1 adipocytes. <i>Molecular Nutrition and Food Research</i> , 2010 , 54 Suppl 1, S104-11	5.9	39
95	Circulating irisin and glucose metabolism in overweight/obese women: effects of ℓipoic acid and eicosapentaenoic acid. <i>Journal of Physiology and Biochemistry</i> , 2015 , 71, 547-58	5	38
94	Effects of lipoic acid on AMPK and adiponectin in adipose tissue of low- and high-fat-fed rats. <i>European Journal of Nutrition</i> , 2013 , 52, 779-87	5.2	38
93	Genetics of obesity. <i>Public Health Nutrition</i> , 2007 , 10, 1138-44	3.3	38
92	Lipoic acid administration prevents nonalcoholic steatosis linked to long-term high-fat feeding by modulating mitochondrial function. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1676-84	6.3	37
91	Effects of lipoic acid on lipolysis in 3T3-L1 adipocytes. <i>Journal of Lipid Research</i> , 2012 , 53, 2296-306	6.3	37
90	Maresin 1 mitigates liver steatosis in ob/ob and diet-induced obese mice. <i>International Journal of Obesity</i> , 2018 , 42, 572-579	5.5	35
89	A dysregulation in CES1, APOE and other lipid metabolism-related genes is associated to cardiovascular risk factors linked to obesity. <i>Obesity Facts</i> , 2010 , 3, 312-8	5.1	35
88	Differential DNA Methylation in Relation to Age and Health Risks of Obesity. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 16816-32	6.3	34
87	Sp1-mediated transcription is involved in the induction of leptin by insulin-stimulated glucose metabolism. <i>Journal of Molecular Endocrinology</i> , 2007 , 38, 537-46	4.5	34
86	Cardiotrophin-1: A multifaceted cytokine. <i>Cytokine and Growth Factor Reviews</i> , 2015 , 26, 523-32	17.9	33
85	Down-regulation in muscle and liver lipogenic genes: EPA ethyl ester treatment in lean and overweight (high-fat-fed) rats. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 705-14	6.3	33
84	Endrin inhibits adipocyte differentiation by selectively altering expression pattern of CCAAT/enhancer binding protein-alpha in 3T3-L1 cells. <i>Molecular Pharmacology</i> , 1999 , 56, 91-101	4.3	33
83	Lipoic acid inhibits leptin secretion and Sp1 activity in adipocytes. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1059-69	5.9	31
82	Serum and gene expression levels of leptin and adiponectin in rats susceptible or resistant to diet-induced obesity. <i>Journal of Physiology and Biochemistry</i> , 2005 , 61, 333-42	5	30
81	High-fat feeding period affects gene expression in rat white adipose tissue. <i>Molecular and Cellular Biochemistry</i> , 2005 , 275, 109-15	4.2	29

80	Elipoic acid reduces fatty acid esterification and lipogenesis in adipocytes from overweight/obese subjects. <i>Obesity</i> , 2014 , 22, 2210-5	8	28
79	Vitamin C inhibits leptin secretion and some glucose/lipid metabolic pathways in primary rat adipocytes. <i>Journal of Molecular Endocrinology</i> , 2010 , 45, 33-43	4.5	28
78	Linoleic acid decreases leptin and adiponectin secretion from primary rat adipocytes in the presence of insulin. <i>Lipids</i> , 2007 , 42, 913-20	1.6	28
77	Differences in short-term metabolic responses to a lipid load in lean (resistant) vs obese (susceptible) young male subjects with habitual high-fat consumption. <i>European Journal of Clinical Nutrition</i> , 2007 , 61, 166-74	5.2	26
76	Eicosapentaenoic acid inhibits tumour necrosis factor- α -induced lipolysis in murine cultured adipocytes. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 218-27	6.3	25
75	DNA hybridization arrays: a powerful technology for nutritional and obesity research. <i>British Journal of Nutrition</i> , 2001 , 86, 119-22	3.6	25
74	FTO Obesity Variant and Adipocyte Browning in Humans. <i>New England Journal of Medicine</i> , 2016 , 374, 192-3	59.2	23
73	Maresin 1 inhibits TNF- α -induced lipolysis and autophagy in 3T3-L1 adipocytes. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2238-2246	7	22
72	Decreased cardiotrophin-1 levels are associated with a lower risk of developing the metabolic syndrome in overweight/obese children after a weight loss program. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 1429-36	12.7	22
71	Reporting Guidelines, Review of Methodological Standards, and Challenges Toward Harmonization in Bone Marrow Adiposity Research. Report of the Methodologies Working Group of the International Bone Marrow Adiposity Society. <i>Frontiers in Endocrinology</i> , 2020 , 11, 65	5.7	21
70	Effects of lipoic acid on apelin in 3T3-L1 adipocytes and in high-fat fed rats. <i>Journal of Physiology and Biochemistry</i> , 2011 , 67, 479-86	5	21
69	Differential toxicities of TCDD in vivo among normal, c-src knockout, geldanamycin- and quercetin-treated mice. <i>Toxicology</i> , 1999 , 135, 95-107	4.4	21
68	Leptin signaling as a therapeutic target of obesity. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 893-909	20	20
67	Differential proinflammatory and oxidative stress response and vulnerability to metabolic syndrome in habitual high-fat young male consumers putatively predisposed by their genetic background. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 17238-55	6.3	20
66	Effects of dietary supplementation with EPA and/or lipoic acid on adipose tissue transcriptomic profile of healthy overweight/obese women following a hypocaloric diet. <i>BioFactors</i> , 2017 , 43, 117-131	6.1	20
65	TV watching modifies obesity risk linked to the 27Glu polymorphism of the ADRB2 gene in girls. <i>Pediatric Obesity</i> , 2006 , 1, 83-8		20
64	A Fermented Food Product Containing Lactic Acid Bacteria Protects ZDF Rats from the Development of Type 2 Diabetes. <i>Nutrients</i> , 2019 , 11,	6.7	19
63	Serum and gene expression levels of CT-1, IL-6, and TNF- α after a lifestyle intervention in obese children. <i>Pediatric Diabetes</i> , 2018 , 19, 217-222	3.6	19

62	Vitamin C modulates the interaction between adipocytes and macrophages. <i>Molecular Nutrition and Food Research</i> , 2011 , 55 Suppl 2, S257-63	5.9	18
61	Cardiotrophin-1 stimulates lipolysis through the regulation of main adipose tissue lipases. <i>Journal of Lipid Research</i> , 2014 , 55, 2634-43	6.3	16
60	Some cyclin-dependent kinase inhibitors-related genes are regulated by vitamin C in a model of diet-induced obesity. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 1462-8	2.3	16
59	Effects of arachidonic acid on leptin secretion and expression in primary cultured rat adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2003 , 59, 201-8	5	16
58	Lindane Treatment Alters both Intestinal Mucosa Composition and Brush Border Enzymatic Activity in Chickens. <i>Pesticide Biochemistry and Physiology</i> , 1995 , 52, 212-221	4.9	16
57	Lipoic acid improves neuronal insulin signalling and rescues cognitive function regulating VGlut1 expression in high-fat-fed rats: Implications for Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 511-517	6.9	15
56	A novel mutation Thr162Arg of the melanocortin 4 receptor gene in a Spanish children and adolescent population. <i>Clinical Endocrinology</i> , 2007 , 66, 652-8	3.4	15
55	NF-kappa B-binding activity in an animal diet-induced overweightness model and the impact of subsequent energy restriction. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 311, 533-9	3.4	15
54	EPA blocks TNF- α -induced inhibition of sugar uptake in Caco-2 cells via GPR120 and AMPK. <i>Journal of Cellular Physiology</i> , 2018 , 233, 2426-2433	7	15
53	Role of cardiotrophin-1 in obesity and insulin resistance. <i>Adipocyte</i> , 2012 , 1, 112-115	3.2	14
52	Effects of Trecadrine, a beta3-adrenergic agonist, on leptin secretion, glucose and lipid metabolism in isolated rat adipocytes. <i>International Journal of Obesity</i> , 2002 , 26, 912-9	5.5	14
51	Aspectos genéticos da obesidade. <i>Revista De Nutricao</i> , 2004 , 17, 327-338	1.8	13
50	Dual role of protein tyrosine phosphatase 1B in the progression and reversion of non-alcoholic steatohepatitis. <i>Molecular Metabolism</i> , 2018 , 7, 132-146	8.8	13
49	Antiobesity effects of lipoic acid supplementation. <i>Clinical Lipidology</i> , 2013 , 8, 371-383		12
48	Glucose and insulin modify thrombospondin 1 expression and secretion in primary adipocytes from diet-induced obese rats. <i>Journal of Physiology and Biochemistry</i> , 2011 , 67, 453-61	5	12
47	Association between leptin receptor (LEPR) and brain-derived neurotrophic factor (BDNF) gene variants and obesity: a case-control study. <i>Nutritional Neuroscience</i> , 2009 , 12, 183-8	3.6	12
46	Effects of inhibiting transcription and protein synthesis on basal and insulin-stimulated leptin gene expression and leptin secretion in cultured rat adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 307, 907-14	3.4	12
45	Effects of a beta3-adrenergic agonist on glucose uptake and leptin expression and secretion in cultured adipocytes from lean and overweight (cafeteria) rats. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 1201-7	3.4	12

44	Endoplasmic reticulum stress epigenetics is related to adiposity, dyslipidemia, and insulin resistance. <i>Adipocyte</i> , 2018 , 7, 137-142	3.2	11
43	Fat intake leads to differential response of rat adipocytes to glucose, insulin and ascorbic acid. <i>Experimental Biology and Medicine</i> , 2012 , 237, 407-16	3.7	11
42	Omega-3 fatty acids as regulators of brown/beige adipose tissue: from mechanisms to therapeutic potential. <i>Journal of Physiology and Biochemistry</i> , 2020 , 76, 251-267	5	11
41	Untargeted metabolomic on urine samples after lipoic acid and/or eicosapentaenoic acid supplementation in healthy overweight/obese women. <i>Lipids in Health and Disease</i> , 2018 , 17, 103	4.4	10
40	DHA Selectively Protects SAMP-8-Associated Cognitive Deficits Through Inhibition of JNK. <i>Molecular Neurobiology</i> , 2019 , 56, 1618-1627	6.2	10
39	Lipoic acid inhibits adiponectin production in 3T3-L1 adipocytes. <i>Journal of Physiology and Biochemistry</i> , 2013 , 69, 595-600	5	10
38	Orchestrated downregulation of genes involved in oxidative metabolic pathways in obese vs. lean high-fat young male consumers. <i>Journal of Physiology and Biochemistry</i> , 2011 , 67, 15-26	5	10
37	Down-regulation of heart HFABP and UCP2 gene expression in diet-induced (cafeteria) obese rats. <i>Journal of Physiology and Biochemistry</i> , 2002 , 58, 69-74	5	10
36	Endogenous Retroelement Activation by Epigenetic Therapy Reverses the Warburg Effect and Elicits Mitochondrial-Mediated Cancer Cell Death. <i>Cancer Discovery</i> , 2021 , 11, 1268-1285	24.4	10
35	Inflammation stimulates hypoxia-inducible factor-1 α regulatory activity in 3T3-L1 adipocytes with conditioned medium from lipopolysaccharide-activated RAW 264.7 macrophages. <i>Journal of Cellular Physiology</i> , 2018 , 234, 550-560	7	9
34	Role of adipogenic and thermogenic genes in susceptibility or resistance to develop diet-induced obesity in rats. <i>Journal of Physiology and Biochemistry</i> , 2007 , 63, 317-27	5	9
33	Effects of EPA and lipoic acid supplementation on circulating FGF21 and the fatty acid profile in overweight/obese women following a hypocaloric diet. <i>Food and Function</i> , 2018 , 9, 3028-3036	6.1	8
32	Effects of alpha-lipoic acid on chemerin secretion in 3T3-L1 and human adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 260-8	5	8
31	Cardiotrophin-1 decreases intestinal sugar uptake in mice and in Caco-2 cells. <i>Acta Physiologica</i> , 2016 , 217, 217-26	5.6	8
30	Determinants of Self-Rated Health Perception in a Sample of a Physically Active Population: PLENUFAR VI Study. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	8
29	Impact of dietary lipoic acid supplementation on liver mitochondrial bioenergetics and oxidative status on normally fed Wistar rats. <i>International Journal of Food Sciences and Nutrition</i> , 2019 , 70, 834-844	3.7	7
28	Maresin 1 Regulates Hepatic FGF21 in Diet-Induced Obese Mice and in Cultured Hepatocytes. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900358	5.9	7
27	Correlation between the high expression of C/EBP β protein in F442A cells and their relative resistance to antiadipogenic action of TCDD in comparison to 3T3-L1 cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2002 , 16, 70-83	3.4	7

26	Cardiotrophin-1 Regulates Adipokine Production in 3T3-L1 Adipocytes and Adipose Tissue From Obese Mice. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2469-2477	7	6
25	Basolateral presence of the proinflammatory cytokine tumor necrosis factor- α and secretions from adipocytes and macrophages reduce intestinal sugar transport. <i>Journal of Cellular Physiology</i> , 2019 , 234, 4352-4361	7	6
24	DHA and its derived lipid mediators MaR1, RvD1 and RvD2 block TNF- α inhibition of intestinal sugar and glutamine uptake in Caco-2 cells. <i>Journal of Nutritional Biochemistry</i> , 2020 , 76, 108264	6.3	5
23	Effects of Maresin 1 (MaR1) on Colonic Inflammation and Gut Dysbiosis in Diet-Induced Obese Mice. <i>Microorganisms</i> , 2020 , 8,	4.9	5
22	Maresin 1 regulates insulin signaling in human adipocytes as well as in adipose tissue and muscle of lean and obese mice. <i>Journal of Physiology and Biochemistry</i> , 2021 , 77, 167-173	5	5
21	Role of cardiotrophin-1 in the regulation of metabolic circadian rhythms and adipose core clock genes in mice and characterization of 24-h circulating CT-1 profiles in normal-weight and overweight/obese subjects. <i>FASEB Journal</i> , 2017 , 31, 1639-1649	0.9	4
20	Erythrocyte antioxidant defenses as a potential biomarker of liver mitochondrial status in different oxidative conditions. <i>Biomarkers</i> , 2011 , 16, 670-8	2.6	4
19	Effects of in Vivo Captan Administration on Cytotoxicity, Gluconeogenesis, ATP Levels, and Parameters Related to Oxidative Stress in Rat Liver. <i>Pesticide Biochemistry and Physiology</i> , 1999 , 64, 185-193	4.93	4
18	Effects of DHA-Rich n-3 Fatty Acid Supplementation and/or Resistance Training on Body Composition and Cardiometabolic Biomarkers in Overweight and Obese Post-Menopausal Women. <i>Nutrients</i> , 2021 , 13,	6.7	4
17	Effects of Long-Term DHA Supplementation and Physical Exercise on Non-Alcoholic Fatty Liver Development in Obese Aged Female Mice. <i>Nutrients</i> , 2021 , 13,	6.7	4
16	GLUT12 and adipose tissue: Expression, regulation and its relation with obesity in mice. <i>Acta Physiologica</i> , 2019 , 226, e13283	5.6	3
15	Changes in brown adipose tissue lipid mediator signatures with aging, obesity, and DHA supplementation in female mice. <i>FASEB Journal</i> , 2021 , 35, e21592	0.9	3
14	Nutrients, Obesity and Gene Expression 2020 , 431-440		3
13	Effect of aging and obesity on GLUT12 expression in small intestine, adipose tissue, muscle, and kidney and its regulation by docosahexaenoic acid and exercise in mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 957-967	3	2
12	Effects of in situ and systemic lindane treatment on in vivo absorption of galactose and leucine in rat jejunum. <i>Archives of Toxicology</i> , 1996 , 70, 767-72	5.8	2
11	High Prevalence of Insulin Resistance in Asymptomatic Patients with Acute Intermittent Porphyrria and Liver-Targeted Insulin as a Novel Therapeutic Approach. <i>Biomedicines</i> , 2021 , 9,	4.8	2
10	Inflammation and Oxidative Stress in Adipose Tissue: Nutritional Regulation 2018 , 63-92		2
9	Dietary Determinants of Fat Mass and Body Composition 2017 , 319-382		1

8	Differential peripheral blood methylation by lipoic acid and EPA supplementation in overweight or obese women during a weight loss program. <i>Journal of Functional Foods</i> , 2017 , 36, 178-185	5.1	1
7	Cardiotrophin-1 contributes to metabolic adaptations through the regulation of lipid metabolism and to the fasting-induced fatty acid mobilization. <i>FASEB Journal</i> , 2020 , 34, 15875-15887	0.9	1
6	n-3 polyunsaturated fatty acids regulate chemerin in cultured adipocytes: role of GPR120 and derived lipid mediators. <i>Food and Function</i> , 2020 , 11, 9057-9066	6.1	1
5	Alpha-Lipoic Acid: A Dietary Supplement With Therapeutic Potential for Obesity and Related Metabolic Diseases 2019 , 85-92		1
4	Role of Omega-3 Fatty Acids in Metabolic Syndrome 2016 , 189-202		
3	Interactions Between Age, Diet, and Insulin and Their Effect on Cognition 2018 , 223-238		
2	Cardiotrophin-1: a new player in energy metabolism with potential therapeutic application. <i>Aging</i> , 2011 , 3, 698-9	5.6	
1	Dietary Determinants of Fat Mass and Body Composition 2012 , 271-315		