Michael B Zemel

List of Publications by Citations

181 papers	9,068 citations	52 h-index	92 g-index
192 ext. papers	9,695 ext. citations	3.8 avg, IF	6.31 L-index

#	Paper	IF	Citations
181	Regulation of adiposity by dietary calcium. *FASEB Journal*, **2000**, 14, 1132-1138	0.9	675
180	Calcium and dairy acceleration of weight and fat loss during energy restriction in obese adults. *Obesity*, **2004**, 12, 582-90		398
179	Functional properties of whey, whey components, and essential amino acids: mechanisms underlying health benefits for active people (review). *Journal of Nutritional Biochemistry*, **2003**, 14, 251-8	6.3	266
178	Regulation of adiposity and obesity risk by dietary calcium: mechanisms and implications. *Journal of the American College of Nutrition*, **2002**, 21, 146S-151S	3.5	260
177	Dairy augmentation of total and central fat loss in obese subjects. *International Journal of Obesity*, **2005**, 29, 391-7	5.5	258
176	Role of calcium and dairy products in energy partitioning and weight management. *American Journal of Clinical Nutrition*, **2004**, 79, 907S-912S	7	255
175	Effects of calcium and dairy on body composition and weight loss in African-American adults. *Obesity*, **2005**, 13, 1218-25		233
174	Effects of dietary calcium on adipocyte lipid metabolism and body weight regulation in energy-restricted aP2-agouti transgenic mice. *FASEB Journal*, **2001**, 15, 291-3	0.9	215
173	The role of dairy foods in weight management. *Journal of the American College of Nutrition*, **2005**, 24, 537S-46S	3.5	196
172	1alpha,25-Dihydroxyvitamin D3 modulates human adipocyte metabolism via nongenomic action. *FASEB Journal*, **2001**, 15, 2751-3	0.9	181
171	Regulation of adiposity by dietary calcium. *FASEB Journal*, **2000**, 14, 1132-8	0.9	175
170	Mechanism of intracellular calcium ([Ca2+]i) inhibition of lipolysis in human adipocytes. *FASEB Journal*, **2001**, 15, 2527-9	0.9	167
169	Calcium modulation of hypertension and obesity: mechanisms and implications. *Journal of the American College of Nutrition*, **2001**, 20, 428S-435S; discussion 440S-442S	3.5	164
168	Mechanisms of dairy modulation of adiposity. *Journal of Nutrition*, **2003**, 133, 252S-256S	4.1	163
167	Dairy attentuates oxidative and inflammatory stress in metabolic syndrome. *American Journal of Clinical Nutrition*, **2011**, 94, 422-30	7	142
166	Role of intracellular calcium in human adipocyte differentiation. *Physiological Genomics*, **2000**, 3, 75-82	3.6	142
165	Dietary calcium and dairy modulation of adiposity and obesity risk. *Nutrition Reviews*, **2004**, 62, 125-31	6.4	141

164	Effect of energy-reduced diets high in dairy products and fiber on weight loss in obese adults. *Obesity*, **2005**, 13, 1344-53		139
163	Nutritional and endocine modulation of intracellular calcium: Implications in obesity, insulin resistance and hypertension **1998**, 188, 129-136		135
162	The agouti gene product inhibits lipolysis in human adipocytes via a Ca2+-dependent mechanism. *FASEB Journal*, **1998**, 12, 1391-1396	0.9	135
161	Role of dietary calcium and dairy products in modulating adiposity. *Lipids*, **2003**, 38, 139-46	1.6	127
160	Agouti regulation of intracellular calcium: role in the insulin resistance of viable yellow mice. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 4733-7	11.5	125
159	Recent developments in calcium-related obesity research. *Obesity Reviews*, **2008**, 9, 428-45	10.6	121
158	1alpha,25-dihydroxyvitamin D3 inhibits uncoupling protein 2 expression in human adipocytes. *FASEB Journal*, **2002**, 16, 1808-10	0.9	118
157	Studies on the mechanism of protein-induced hypercalciuria in older men and women. *Journal of Nutrition*, **1980**, 110, 305-15	4.1	114
156	Leucine modulation of mitochondrial mass and oxygen consumption in skeletal muscle cells and adipocytes. *Nutrition and Metabolism*, **2009**, 6, 26	4.6	113
155	Effects of dairy compared with soy on oxidative and inflammatory stress in overweight and obese subjects. *American Journal of Clinical Nutrition*, **2010**, 91, 16-22	7	110
154	Dietary calcium and dairy products modulate oxidative and inflammatory stress in mice and humans. *Journal of Nutrition*, **2008**, 138, 1047-52	4.1	103
153	Insulin attenuates vasopressin-induced calcium transients and a voltage-dependent calcium response in rat vascular smooth muscle cells. *Journal of Clinical Investigation*, **1991**, 88, 1230-6	15.9	102
152	Calcium and 1,25-dihydroxyvitamin D3 regulation of adipokine expression. *Obesity*, **2007**, 15, 340-8	8	101
151	Leucine and calcium regulate fat metabolism and energy partitioning in murine adipocytes and muscle cells. *Lipids*, **2007**, 42, 297-305	1.6	91
150	Synergistic effects of leucine and resveratrol on insulin sensitivity and fat metabolism in adipocytes and mice. *Nutrition and Metabolism*, **2012**, 9, 77	4.6	90
149	Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women. *New England Journal of Medicine*, **1990**, 323, 434-8	59.2	86
148	The effects of calcium channel blockade on agouti-induced obesity. *FASEB Journal*, **1996**, 10, 1646-1652	0.9	77
147	Calcitriol and calcium regulate cytokine production and adipocyte-macrophage cross-talk. *Journal of Nutritional Biochemistry*, **2008**, 19, 392-9	6.3	73

146	Role of uncoupling protein 2 (UCP2) expression and 1alpha, 25-dihydroxyvitamin D3 in modulating adipocyte apoptosis. *FASEB Journal*, **2004**, 18, 1430-2	0.9	73
145	Calcium and dairy products inhibit weight and fat regain during ad libitum consumption following energy restriction in Ap2-agouti transgenic mice. *Journal of Nutrition*, **2004**, 134, 3054-60	4.1	72
144	Calcium and dairy product modulation of lipid utilization and energy expenditure. *Obesity*, **2008**, 16, 1566-72	6	71
143	Effect of low- and high-calcium dairy-based diets on macronutrient oxidation in humans. *Obesity*, **2005**, 13, 2102-12		70
142	Salt sensitivity and systemic hypertension in the elderly. *American Journal of Cardiology*, **1988**, 61, 7H-12H	3	70
141	Insulin-stimulated vascular relaxation. Role of Ca(2+)-ATPase. *American Journal of Hypertension*, **1992**, 5, 637-41	2.3	69
140	Combined effects of insulin treatment and adipose tissue-specific agouti expression on the development of obesity. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 919-22	11.5	68
139	Impaired calcium metabolism associated with hypertension in Zucker obese rats. *Metabolism: Clinical and Experimental*, **1990**, 39, 704-8	12.7	66
138	Insulin attenuation of vasoconstrictor responses to phenylephrine in Zucker lean and obese rats. *American Journal of Hypertension*, **1991**, 4, 537-9	2.3	63
137	Calcium utilization: effect of varying level and source of dietary protein. *American Journal of Clinical Nutrition*, **1988**, 48, 880-3	7	61
136	Leucine Modulates Mitochondrial Biogenesis and SIRT1-AMPK Signaling in C2C12 Myotubes. *Journal of Nutrition and Metabolism*, **2014**, 2014, 239750	2.7	58
135	Synergistic effects of polyphenols and methylxanthines with Leucine on AMPK/Sirtuin-mediated metabolism in muscle cells and adipocytes. *PLoS ONE*, **2014**, 9, e89166	3.7	57
134	Dairy-rich diets augment fat loss on an energy-restricted diet: a multicenter trial. *Nutrients*, **2009**, 1, 83-100	0.7	55
133	Role of cellular calcium metabolism in abnormal glucose metabolism and diabetic hypertension. *American Journal of Medicine*, **1989**, 87, 7S-16S	2.4	55
132	Effects of dairy intake on weight maintenance. *Nutrition and Metabolism*, **2008**, 5, 28	4.6	52
131	1,25-dihydroxyvitamin D3 modulation of adipocyte glucocorticoid function. *Obesity*, **2005**, 13, 670-7		52
130	Erythrocyte cation metabolism in salt-sensitive hypertensive blacks as affected by dietary sodium and calcium. *American Journal of Hypertension*, **1988**, 1, 386-92	2.3	52
129	Role of the sulfonylurea receptor in regulating human adipocyte metabolism. *FASEB Journal*, **1999**, 13, 1833-8	0.9	52

128	Activation of the AMPK/Sirt1 pathway by a leucine-metformin combination increases insulin sensitivity in skeletal muscle, and stimulates glucose and lipid metabolism and increases life span in Caenorhabditis elegans. *Metabolism: Clinical and Experimental*, **2016**, 65, 1679-1691	12.7	51
127	Hypertension and diabetes. *Medical Clinics of North America*, **1988**, 72, 1399-414	7	50
126	Erythrocyte cation metabolism in preeclampsia. *American Journal of Obstetrics and Gynecology*, **1989**, 161, 441-5	6.4	47
125	Nutritional and endocrine modulation of intracellular calcium: implications in obesity, insulin resistance and hypertension. *Molecular and Cellular Biochemistry*, **1998**, 188, 129-36	4.2	47
124	Proposed role of calcium and dairy food components in weight management and metabolic health. *Physician and Sportsmedicine*, **2009**, 37, 29-39	2.4	46
123	Effects of a leucine and pyridoxine-containing nutraceutical on fat oxidation, and oxidative and inflammatory stress in overweight and obese subjects. *Nutrients*, **2012**, 4, 529-41	6.7	45
122	Can a dairy-rich diet be effective in long-term weight control of young children?. *Journal of the American College of Nutrition*, **2009**, 28, 601-10	3.5	45
121	Calcitriol and energy metabolism. *Nutrition Reviews*, **2008**, 66, S139-46	6.4	45
120	Upregulation of adipocyte metabolism by agouti protein: possible paracrine actions in yellow mouse obesity. *American Journal of Physiology - Endocrinology and Metabolism*, **1996**, 270, E192-6	6	44
119	Role of calcitriol and cortisol on human adipocyte proliferation and oxidative and inflammatory stress: a microarray study. *Journal of Nutrigenetics and Nutrigenomics*, **2008**, 1, 30-48		43
118	Glycemic index, cardiovascular disease, and obesity. *Nutrition Reviews*, **1999**, 57, 273-6	6.4	42
117	1Alpha,25-dihydroxyvitamin D3 modulation of adipocyte reactive oxygen species production. *Obesity*, **2007**, 15, 1944-53	8	41
116	Clinical implications of hypertension in the diabetic patient. *American Journal of Hypertension*, **1990**, 3, 415-24	2.3	41
115	Interaction between metformin and leucine in reducing hyperlipidemia and hepatic lipid accumulation in diet-induced obese mice. *Metabolism: Clinical and Experimental*, **2015**, 64, 1426-34	12.7	36
114	Effects of dairy consumption on SIRT1 and mitochondrial biogenesis in adipocytes and muscle cells. *Nutrition and Metabolism*, **2011**, 8, 91	4.6	36
113	Relationship between human adipose tissue agouti and fatty acid synthase (FAS). *Journal of Nutrition*, **2000**, 130, 2478-81	4.1	36
112	Transcriptional regulation of the adipocyte fatty acid synthase gene by agouti: interaction with insulin. *Physiological Genomics*, **2000**, 3, 157-62	3.6	36
111	Reductions in total and extracellular water associated with calcium-induced natriuresis and the antihypertensive effect of calcium in blacks. *American Journal of Hypertension*, **1988**, 1, 70-2	2.3	36

110	Diazoxide down-regulates leptin and lipid metabolizing enzymes in adipose tissue of Zucker rats. *FASEB Journal*, **2000**, 14, 455-60	0.9	35
109	Role of the agouti gene in obesity. *Journal of Endocrinology*, **1997**, 155, 207-9	4.7	35
108	Effects of dairy products on intracellular calcium and blood pressure in adults with essential hypertension. *Journal of the American College of Nutrition*, **2009**, 28, 142-9	3.5	34
107	Dietary calcium regulates ROS production in aP2-agouti transgenic mice on high-fat/high-sucrose diets. *International Journal of Obesity*, **2006**, 30, 1341-6	5.5	34
106	Regulation of leptin by agouti. *Physiological Genomics*, **2000**, 2, 101-5	3.6	34
105	Calcium metabolism in the young adult male as affected by level and form of phosphorus intake and level of calcium intake. *Journal of Nutrition*, **1981**, 111, 315-24	4.1	34
104	Synergistic effects of metformin, resveratrol, and hydroxymethylbutyrate on insulin sensitivity. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2013**, 6, 93-102	3.4	33
103	The agouti gene product stimulates pancreatic [beta]-cell Ca2+ signaling and insulin release. *Physiological Genomics*, **1999**, 1, 11-9	3.6	32
102	1Alpha, 25-dihydroxyvitamin D and corticosteroid regulate adipocyte nuclear vitamin D receptor. *International Journal of Obesity*, **2008**, 32, 1305-11	5.5	31
101	Insulin increases vascular smooth muscle recovery from intracellular calcium loads. *Hypertension*, **1993**, 22, 74-7	8.5	31
100	Dietary calcium induces regression of left ventricular hypertrophy in hypertensive non-insulin-dependent diabetic blacks. *American Journal of Hypertension*, **1990**, 3, 458-63	2.3	31
99	Leucine amplifies the effects of metformin on insulin sensitivity and glycemic control in diet-induced obese mice. *Metabolism: Clinical and Experimental*, **2015**, 64, 845-56	12.7	28
98	Altered cation transport in non-insulin-dependent diabetic hypertension: effects of dietary calcium. *Journal of Hypertension*, **1988**, 6, S228-30	1.9	28
97	Pro-opiomelanocortin (POMC) deficiency and peripheral melanocortins in obesity. *Nutrition Reviews*, **2000**, 58, 177-80	6.4	26
96	Calcium and dairy modulation of obesity risk. *Obesity*, **2005**, 13, 192-3		26
95	The agouti gene product inhibits lipolysis in human adipocytes via a Ca2+-dependent mechanism. *FASEB Journal*, **1998**, 12, 1391-6	0.9	26
94	Agouti regulation of intracellular calcium: role of melanocortin receptors. *American Journal of Physiology - Endocrinology and Metabolism*, **1997**, 272, E379-84	6	25
93	Dairy product components and weight regulation: symposium overview. *Journal of Nutrition*, **2003**, 133, 243S-244S	4.1	25

92	Insulin resistance, carbohydrate metabolism, and hypertension. *American Journal of Hypertension*, **1991**, 4, 466S-472S	2.3	24
91	Calcium metabolism and dietary calcium in salt sensitive hypertension. *American Journal of Hypertension*, **1991**, 4, 557-63	2.3	24
90	Abnormal Ca2(+)-ATPase activity in erythrocytes of non-insulin-dependent diabetic rats. *Hormone and Metabolic Research*, **1990**, 22, 136-40	3.1	23
89	Randomised clinical trial: a leucine-metformin-sildenafil combination (NS-0200) vs placebo in patients with non-alcoholic fatty liver disease. *Alimentary Pharmacology and Therapeutics*, **2018**, 47, 1639-1651	6.1	22
88	Dietary pattern and hypertension: the DASH study. Dietary Approaches to Stop Hypertension. *Nutrition Reviews*, **1997**, 55, 303-5	6.4	22
87	A combination of probiotics and whey proteins enhances anti-obesity effects of calcium and dairy products during nutritional energy restriction in aP2-agouti transgenic mice. *British Journal of Nutrition*, **2015**, 113, 1689-96	3.6	21
86	Increased sodium-lithium countertransport in black non-insulin-dependent diabetic hypertensives. *American Journal of Hypertension*, **1990**, 3, 563-5	2.3	20
85	Effect of level and form of phosphorus and level of calcium intake on zinc, iron and copper bioavailability in man. *Nutrition Research*, **1984**, 4, 371-379	4	20
84	Insulin regulation of vascular smooth muscle glucose transport in insulin-sensitive and resistant rats. *Hormone and Metabolic Research*, **1996**, 28, 271-5	3.1	19
83	The effects of calcium channel blockade on agouti-induced obesity. *FASEB Journal*, **1996**, 10, 1646-52	0.9	19
82	Agouti/melanocortin interactions with leptin pathways in obesity. *Nutrition Reviews*, **1998**, 56, 271-4	6.4	18
81	Phytic Acid Hydrolysis and Soluble Zinc and Iron in Whole Wheat Bread As Affected by Calcium Containing Additives. *Journal of Food Science*, **1982**, 47, 535-537	3.4	18
80	Dietary fat and not calcium supplementation or dairy product consumption is associated with changes in anthropometrics during a randomized, placebo-controlled energy-restriction trial. *Nutrition and Metabolism*, **2011**, 8, 67	4.6	17
79	Saline infusion causes rapid increase in parathyroid hormone and intracellular calcium levels. *American Journal of Hypertension*, **1989**, 2, 185-7	2.3	17
78	In Vitro Evaluation of the Effects of Ortho-, Tripoly- and Hexametaphosphate on Zinc, Iron and Calcium Bioavailability. *Journal of Food Science*, **1984**, 49, 1562-1565	3.4	17
77	A Combination of Leucine, Metformin, and Sildenafil Treats Nonalcoholic Fatty Liver Disease and Steatohepatitis in Mice. *International Journal of Hepatology*, **2016**, 2016, 9185987	2.7	17
76	Interaction between leucine and phosphodiesterase 5 inhibition in modulating insulin sensitivity and lipid metabolism. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2015**, 8, 227-39	3.4	16
75	Effects of a potent melanocortin agonist on the diabetic/obese phenotype in yellow mice. *International Journal of Obesity*, **1998**, 22, 678-83	5.5	16

74	Effects of normal pregnancy on cellular cation metabolism and peripheral vascular resistance. *American Journal of Hypertension*, **1990**, 3, 16-22	2.3	16
73	Zinc, Iron and Copper Availability as Affected by Orthophosphates, Polyphosphates and Calcium. *Journal of Food Science*, **1983**, 48, 567-569	3.4	16
72	Insulin resistance vs. hyperinsulinemia in hypertension: insulin regulation of Ca2+ transport and Ca(2+)-regulation of insulin sensitivity. *Journal of Nutrition*, **1995**, 125, 1738S-1743S	4.1	16
71	Lipid metabolism predicts changes in body composition during energy restriction in overweight humans. *Journal of Nutrition*, **2009**, 139, 222-9	4.1	15
70	Effects of a leucine and pyridoxine-containing nutraceutical on body weight and composition in obese subjects. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2013**, 6, 309-15	3.4	13
69	The effects of dairy components on energy partitioning and metabolic risk in mice: a microarray study. *Journal of Nutrigenetics and Nutrigenomics*, **2009**, 2, 64-77		13
68	Impaired recovery of vascular smooth muscle intracellular calcium following agonist stimulation in insulin resistant (Zucker obese) rats. *American Journal of Hypertension*, **1993**, 6, 500-4	2.3	13
67	Hypertension in insulin-resistant Zucker obese rats is independent of sympathetic neural support. *American Journal of Physiology - Endocrinology and Metabolism*, **1992**, 262, E368-71	6	13
66	Randomized Controlled Trial of a Leucine-Metformin-Sildenafil Combination (NS-0200) on Weight and Metabolic Parameters. *Obesity*, **2019**, 27, 59-67	8	13
65	Dietary calcium and dairy modulation of oxidative stress and mortality in aP2-agouti and wild-type mice. *Nutrients*, **2009**, 1, 50-70	6.7	11
64	Chromium picolinate modulates rat vascular smooth muscle cell intracellular calcium metabolism. *Journal of Nutrition*, **1998**, 128, 180-4	4.1	11
63	Insulin stimulation of intracellular free Ca2+ recovery and Ca(2+)-ATPase gene expression in cultured vascular smooth-muscle cells: role of glucose 6-phosphate. *Biochemical Journal*, **1995**, 311 (Pt 2), 555-9	3.8	11
62	FERMENTATION OF SOYMILK WITH COMMERCIAL FREEZE-DRIED STARTER LACTIC CULTURES. *Journal of Food Processing and Preservation*, **1988**, 12, 187-195	2.1	11
61	Role of Ehydroxy-Emethylbutyrate (HMB) in leucine stimulation of muscle mitochondrial biogenesis. *FASEB Journal*, **2012**, 26, 251.6	0.9	10
60	Effects of Food Gums on Zinc and Iron Solubility following in vitro Digestion. *Journal of Food Science*, **2006**, 50, 547-547	3.4	9
59	Effect of dietary carbohydrate source on the development of obesity in agouti transgenic mice. *Obesity*, **2005**, 13, 21-35		9
58	Effect of protein, dairy components and energy balance in optimizing body composition. *Nestle Nutrition Institute Workshop Series*, **2011**, 69, 97-108; discussion 108-13	1.9	8
57	Effects of mitochondrial uncoupling on adipocyte intracellular Ca(2+) and lipid metabolism. *Journal of Nutritional Biochemistry*, **2003**, 14, 219-26	6.3	8

56	Leucine-nicotinic acid synergy stimulates AMPK/Sirt1 signaling and regulates lipid metabolism and lifespan in Caenorhabditis elegans, and hyperlipidemia and atherosclerosis in mice. *American Journal of Cardiovascular Disease*, **2017**, 7, 33-47	0.9	8
55	Calcium modulation of adiposity. *Obesity*, **2003**, 11, 375-6		6
54	Effects of dietary calcium on blood pressure, vascular reactivity and vascular smooth muscle calcium efflux rate in Zucker rats. *American Journal of Hypertension*, **1991**, 4, 592-6	2.3	6
53	Nutritional and endocrine modulation of intracellular calcium: Implications in obesity, insulin resistance and hypertension **1998**, 129-136		6
52	Dairy and weight loss hypothesis. *Nutrition Reviews*, **2008**, 66, 542-3; author reply 546-7	6.4	5
51	Hypertension in young, healthy Zucker obese rats is not responsive to reduced salt intake. *Journal of Nutrition*, **1994**, 124, 713-6	4.1	5
50	Synergistic Effects of Leucine and its Metabolites with Polyphenols on Irisin in Myotubes and Diet-induced Obese Mice. *FASEB Journal*, **2013**, 27, 637.11	0.9	4
49	Biphasic Effect of Sildenafil on Energy Sensing is Mediated by Phosphodiesterases 2 and 3 in Adipocytes and Hepatocytes. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	3
48	Vitamin D Modulation of Adipocyte Function **2010**, 345-358		3
47	Insulin resistance, obesity and hypertension: an overview. *Journal of Nutrition*, **1995**, 125, 1715S-1717S	4.1	3
46	Magnesium potentiation of iron-transferrin binding. *Life Sciences*, **1989**, 44, 1007-12	6.8	2
45	Dairy Foods, Calcium, and Weight Management **2007**, 477-493		2
44	Role of branched chain amino acids and ACE inhibition in the anti-obesity effect of milk. *FASEB Journal*, **2007**, 21, A328	0.9	2
43	Synergistic effects of polyphenols with leucine and β-hydroxy-β-methylbutyrate (HMB) on energy metabolism. *FASEB Journal*, **2013**, 27, 637.23	0.9	2
42	Effects of leucine on mitochondrial biogenesis and cell cycle in A-375 melanoma cells. *FASEB Journal*, **2012**, 26, 363.4	0.9	2
41	Modulation of Energy Sensing by Leucine Synergy with Natural Sirtuin Activators: Effects on Health Span. *Journal of Medicinal Food*, **2020**, 23, 1129-1135	2.8	2
40	Leucine and Sildenafil Combination Therapy Reduces Body Weight and Metformin Enhances the Effect at Low Dose: A Randomized Controlled Trial. *American Journal of Therapeutics*, **2021**, 28, e1-e13	1	2
39	Obesity. *Journal of Medicinal Food*, **2019**, 22, 1091	2.8	1

38	Dairy augmentation of weight and fat loss. *International Journal of Obesity*, **2005**, 29, 1393-1394	5.5	1
37	Agouti signaling protein stimulates islet amyloid polypeptide (amylin) secretion in pancreatic beta-cells. *Experimental Biology and Medicine*, **2001**, 226, 565-9	3.7	1
36	Metal utilization from casein and soy based diets as affected by tripolyphosphate and hexametaphosphate. *Nutrition Research*, **1985**, 5, 879-890	4	1
35	Dietary calcium and dairy modulation of oxidative and inflammatory stress in mice and humans. *FASEB Journal*, **2007**, 21, A358	0.9	1
34	The inhibitory effect of adiponectin on Caco-2 cell proliferation. *FASEB Journal*, **2007**, 21, A58	0.9	1
33	Adiponectin mediates leucine-induced adipocyte-muscle cross-talk. *FASEB Journal*, **2010**, 24, 541.20	0.9	1
32	Leucine modulation of sirtuins and AMPK in adipocytes and myotubes. *FASEB Journal*, **2012**, 26, 251.3	0.9	1
31	Leucine modulation of AMPK and mitochondrial biogenesis in C2C12 myotubes is Sirt1 dependent. *FASEB Journal*, **2013**, 27, 637.13	0.9	1
30	Leucine and calcitriol modulation of human airway inflammation in lung endothelial cells. *FASEB Journal*, **2013**, 27, 46.8	0.9	1
29	Effect of a Leucine/Pyridoxine Nutraceutical on Caloric Intake and Body Composition of Obese Dogs Losing Weight. *Frontiers in Veterinary Science*, **2020**, 7, 555	3.1	1
28	Role of Nutrition in Black Hypertension: Calcium and Other Dietary Factors **1993**, 166-180		1
27	Effects of prenatal ethanol exposure on iron utilization in the rat. *Nutrition Research*, **1984**, 4, 469-475	4	0
26	Phosphates and Calcium Utilization in Humans. *ACS Symposium Series*, **1985**, 29-39	0.4	0
25	Leucine and Resveratrol: Experimental Model of Sirtuin Pathway Activation **2015**, 87-99		
24	Obesity. *Journal of Medicinal Food*, **2019**, 22, 975	2.8	
23	The Agouti Gene in Obesity. *Modern Nutrition*, **2001**, 205-230		
22	Calcium-dependent regulation of macrophage inhibitory factor and CD14 expression by calcitriol in human adipocytes. *FASEB Journal*, **2006**, 20, A1038	0.9	
21	Dietary calcium and calcitriol regulation of the adipose tissue renin-angiontensin system (RAS) and inflammatory cytokine production. *FASEB Journal*, **2006**, 20, A1037	0.9	

20	Effects of a dairy-rich diet on blood pressure (BP): moderating effects of intracellular calcium [(Ca)i] status. *FASEB Journal*, **2007**, 21, A1061	0.9
19	Microarray analysis of the effects of calcitriol and cortisone on human adipocyte gene expression. *FASEB Journal*, **2007**, 21, A1119	0.9
18	Role of calcitriol and corticosteroid on adipocyte nuclear vitamin D receptor (nVDR) expression. *FASEB Journal*, **2008**, 22, 691.4	0.9
17	The Adipocyte Renin Angiotensin System (RAS) Mediates the Effects of Calcitriol on Oxidative Stress and Cytokine Expression. *FASEB Journal*, **2008**, 22, 700.31	0.9
16	Dairy Modulation of Oxidative and Inflammatory Stress in Overweight and Obese Subjects. *FASEB Journal*, **2008**, 22, 881.4	0.9
15	Leucine and Calcitriol Modulation of Mitochondrial Biogenesis in Muscle Cells and Adipocytes. *FASEB Journal*, **2008**, 22, 305.2	0.9
14	2046-P: NS-0200 (Leucine-Metformin-Sildenafil) Reduces Weight in Obese Subjects: A 24-Week Randomized Trial. *Diabetes*, **2019**, 68, 2046-P	0.9
13	Role of Calcium in Modulating Salt Sensitivity **1989**, 169-175	
12	Nicotinic acid synergizes with leucine to stimulate AMPK/Sirt1 signaling and regulates lipid accumulation and lifespan in C. elegans (269.7). *FASEB Journal*, **2014**, 28, 269.7	0.9
11	Synergistic effects of leucine with phosphodiesterase 5 inhibition on insulin sensitivity (1035.4). *FASEB Journal*, **2014**, 28, 1035.4	0.9
10	Effects of a leucine-containing nutraceutical on fat oxidation in overweight and obese adults. *FASEB Journal*, **2009**, 23, 563.36	0.9
9	Calcitriol increases macrophage recruitment by adipocytes. *FASEB Journal*, **2009**, 23, 910.4	0.9
8	Dairy attenuation of oxidative and inflammatory stress in metabolic syndrome. *FASEB Journal*, **2010** , 24, 105.3	0.9
7	Effects of leucine and calcitriol on monocyte-vascular endothelial cell adhesion. *FASEB Journal*, **2010**, 24, 230.5	0.9
6	Leucine and calcitriol modulation of human airway inflammation and hyper-reactivity. *FASEB Journal*, **2012**, 26, 1012.2	0.9
5	Folate modulates adipocyte promoter methylation and lipid filling and release. *FASEB Journal*, **2012** , 26, 116.3	0.9
4	Vitamin D and Adipose Tissue. *Oxidative Stress and Disease*, **2012**, 185-200	
3	Effects of leucine and adipocyte derived microparticles on human peripheral blood monocyte CD11b expression. *FASEB Journal*, **2013**, 27, 46.6	0.9

2	Effects of a leucine and pyridoxine-containing nutraceutical on body weight and composition in obese adults. *FASEB Journal*, **2013**, 27, lb297	0.9
1	Synergistic Effects of Leucine and β-Hydroxy-β-Methyl- Butyrate (HMB) with Phosphodiesterase (PDE) Inhibitors on Sirtuin Activation. *FASEB Journal*, **2013**, 27, 637.9	0.9