

Michael B Zemel

List of Publications by Year in descending order

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188
papers

10,847
citations

26567

56
h-index

32761

100
g-index

192
all docs

192
docs citations

192
times ranked

6970
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of adiposity by dietary calcium. <i>FASEB Journal</i> , 2000, 14, 1132-1138.	0.2	791
2	Calcium and Dairy Acceleration of Weight and Fat Loss during Energy Restriction in Obese Adults. <i>Obesity</i> , 2004, 12, 582-590.	4.0	482
3	Functional properties of whey, whey components, and essential amino acids: mechanisms underlying health benefits for active people (review). <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 251-258.	1.9	337
4	Role of calcium and dairy products in energy partitioning and weight management. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 907S-912S.	2.2	316
5	Regulation of Adiposity and Obesity Risk By Dietary Calcium: Mechanisms and Implications. <i>Journal of the American College of Nutrition</i> , 2002, 21, 146S-151S.	1.1	305
6	Dairy augmentation of total and central fat loss in obese subjects. <i>International Journal of Obesity</i> , 2005, 29, 391-397.	1.6	301
7	Effects of Calcium and Dairy on Body Composition and Weight Loss in African-American Adults. <i>Obesity</i> , 2005, 13, 1218-1225.	4.0	271
8	Effects of dietary calcium on adipocyte lipid metabolism and body weight regulation in energy-restricted $\alpha 2$ -agouti transgenic mice. <i>FASEB Journal</i> , 2001, 15, 291-293.	0.2	248
9	The Role of Dairy Foods in Weight Management. <i>Journal of the American College of Nutrition</i> , 2005, 24, 537S-546S.	1.1	230
10	Regulation of adiposity by dietary calcium. <i>FASEB Journal</i> , 2000, 14, 1132-8.	0.2	219
11	$1\alpha,25$ -Dihydroxyvitamin D ₃ modulates human adipocyte metabolism via nongenomic action. <i>FASEB Journal</i> , 2001, 15, 1-15.	0.2	211
12	Mechanisms of Dairy Modulation of Adiposity. <i>Journal of Nutrition</i> , 2003, 133, 252S-256S.	1.3	191
13	Calcium Modulation of Hypertension and Obesity: Mechanisms and Implications. <i>Journal of the American College of Nutrition</i> , 2001, 20, 428S-435S.	1.1	188
14	Mechanism of intracellular calcium ($[Ca^{2+}]_i$) inhibition of lipolysis in human adipocytes. <i>FASEB Journal</i> , 2001, 15, 2527-2529.	0.2	183
15	Role of intracellular calcium in human adipocyte differentiation. <i>Physiological Genomics</i> , 2000, 3, 75-82.	1.0	172
16	Effect of Energy-Restricted Diets High in Dairy Products and Fiber on Weight Loss in Obese Adults. <i>Obesity</i> , 2005, 13, 1344-1353.	4.0	169
17	Studies on the Mechanism of Protein-Induced Hypercalciuria in Older Men and Women. <i>Journal of Nutrition</i> , 1980, 110, 305-315.	1.3	164
18	Dietary Calcium and Dairy Modulation of Adiposity and Obesity Risk. <i>Nutrition Reviews</i> , 2004, 62, 125-131.	2.6	159

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19	Dairy attenuates oxidative and inflammatory stress in metabolic syndrome. American Journal of Clinical Nutrition, 2011, 94, 422-430.	2.2	155
20	Role of dietary calcium and dairy products in modulating adiposity. Lipids, 2003, 38, 139-146.	0.7	151
21	The agouti gene product inhibits lipolysis in human adipocytes via a Ca ²⁺ dependent mechanism. FASEB Journal, 1998, 12, 1391-1396.	0.2	147
22	Title is missing!. , 1998, 188, 129-136.		145
23	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, 4733-4737.	3.3	141
24	Recent developments in calcium-related obesity research. Obesity Reviews, 2008, 9, 428-445.	3.1	141
25	Leucine modulation of mitochondrial mass and oxygen consumption in skeletal muscle cells and adipocytes. Nutrition and Metabolism, 2009, 6, 26.	1.3	136
26	1,25-dihydroxyvitamin D ₃ inhibits uncoupling protein 2 expression in human adipocytes. FASEB Journal, 2002, 16, 1-20.	0.2	132
27	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.	2.2	130
28	Dietary Calcium and Dairy Products Modulate Oxidative and Inflammatory Stress in Mice and Humans. Journal of Nutrition, 2008, 138, 1047-1052.	1.3	129
29	Insulin attenuates vasopressin-induced calcium transients and a voltage-dependent calcium response in rat vascular smooth muscle cells.. Journal of Clinical Investigation, 1991, 88, 1230-1236.	3.9	117
30	Calcium and 1,25-dihydroxyvitamin D ₃ Regulation of Adipokine Expression. Obesity, 2007, 15, 340-348.	1.5	115
31	Synergistic effects of leucine and resveratrol on insulin sensitivity and fat metabolism in adipocytes and mice. Nutrition and Metabolism, 2012, 9, 77.	1.3	109
32	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, 434-438.	13.9	104
33	Leucine and Calcium Regulate Fat Metabolism and Energy Partitioning in Murine Adipocytes and Muscle Cells. Lipids, 2007, 42, 297-305.	0.7	103
34	Role of uncoupling protein 2 (UCP2) expression and 1,25-dihydroxyvitamin D ₃ in modulating adipocyte apoptosis. FASEB Journal, 2004, 18, 1430-1432.	0.2	88
35	Effect of Low- and High-Calcium Dairy-Based Diets on Macronutrient Oxidation in Humans. Obesity, 2005, 13, 2102-2112.	4.0	88
36	The effects of calcium channel blockade on <i>agouti</i> induced obesity. FASEB Journal, 1996, 10, 1646-1652.	0.2	85

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37	Calcium and Dairy Products Inhibit Weight and Fat Regain during Ad Libitum Consumption Following Energy Restriction in Ap2-Agouti Transgenic Mice. <i>Journal of Nutrition</i> , 2004, 134, 3054-3060.	1.3	85
38	Leucine Modulates Mitochondrial Biogenesis and SIRT1-AMPK Signaling in C2C12 Myotubes. <i>Journal of Nutrition and Metabolism</i> , 2014, 2014, 1-11.	0.7	85
39	Calcium and Dairy Product Modulation of Lipid Utilization and Energy Expenditure. <i>Obesity</i> , 2008, 16, 1566-1572.	1.5	83
40	Calcitriol and calcium regulate cytokine production and adipocyte-macrophage cross-talk. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 392-399.	1.9	82
41	Salt sensitivity and systemic hypertension in the elderly. <i>American Journal of Cardiology</i> , 1988, 61, H7-H12.	0.7	80
42	Insulin-Stimulated Vascular Relaxation: Role of Ca ²⁺ -ATPase. <i>American Journal of Hypertension</i> , 1992, 5, 637-641.	1.0	74
43	Impaired calcium metabolism associated with hypertension in Zucker obese rats. <i>Metabolism: Clinical and Experimental</i> , 1990, 39, 704-708.	1.5	73
44	Combined effects of insulin treatment and adipose tissue-specific agouti expression on the development of obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 919-922.	3.3	72
45	Nutritional and endocrine modulation of intracellular calcium: Implications in obesity, insulin resistance and hypertension. , 1998, , 129-136.		72
46	Insulin Attenuation of Vasoconstrictor Responses to Phenylephrine in Zucker Lean and Obese Rats. <i>American Journal of Hypertension</i> , 1991, 4, 537-539.	1.0	70
47	Upregulation of adipocyte metabolism by agouti protein: possible paracrine actions in yellow mouse obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1996, 270, E192-E196.	1.8	67
48	1, 25-Dihydroxyvitamin D ₃ Modulation of Adipocyte Glucocorticoid Function. <i>Obesity</i> , 2005, 13, 670-677.	4.0	67
49	Calcium utilization: effect of varying level and source of dietary protein. <i>American Journal of Clinical Nutrition</i> , 1988, 48, 880-883.	2.2	66
50	Role of cellular calcium metabolism in abnormal glucose metabolism and diabetic hypertension. <i>American Journal of Medicine</i> , 1989, 87, S7-S16.	0.6	64
51	Synergistic Effects of Polyphenols and Methylxanthines with Leucine on AMPK/Sirtuin-Mediated Metabolism in Muscle Cells and Adipocytes. <i>PLoS ONE</i> , 2014, 9, e89166.	1.1	64
52	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 <i>Caenorhabditis elegans</i> . <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1679-1691.	1.5	64
53	Dairy-Rich Diets Augment Fat Loss on an Energy-Restricted Diet: A Multicenter Trial. <i>Nutrients</i> , 2009, 1, 83-100.	1.7	62
54	Proposed Role of Calcium and Dairy Food Components in Weight Management and Metabolic Health. <i>Physician and Sportsmedicine</i> , 2009, 37, 29-39.	1.0	60

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55	Hypertension and Diabetes. <i>Medical Clinics of North America</i> , 1988, 72, 1399-1414.	1.1	59
56	Role of the sulfonylurea receptor in regulating human adipocyte metabolism. <i>FASEB Journal</i> , 1999, 13, 1833-1838.	0.2	59
57	Nutritional and endocrine modulation of intracellular calcium: implications in obesity, insulin resistance and hypertension. <i>Molecular and Cellular Biochemistry</i> , 1998, 188, 129-36.	1.4	59
58	Erythrocyte Cation Metabolism in Salt-Sensitive Hypertensive Blacks as Affected by Dietary Sodium and Calcium. <i>American Journal of Hypertension</i> , 1988, 1, 386-392.	1.0	58
59	Effects of dairy intake on weight maintenance. <i>Nutrition and Metabolism</i> , 2008, 5, 28.	1.3	58
60	Calcitriol and energy metabolism. <i>Nutrition Reviews</i> , 2008, 66, S139-S146.	2.6	56
61	Glycemic Index, Cardiovascular Disease, and Obesity. <i>Nutrition Reviews</i> , 2009, 57, 273-276.	2.6	56
62	Effects of a Leucine and Pyridoxine-Containing Nutraceutical on Fat Oxidation, and Oxidative and Inflammatory Stress in Overweight and Obese Subjects. <i>Nutrients</i> , 2012, 4, 529-541.	1.7	54
63	Erythrocyte cation metabolism in preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 1989, 161, 441-445.	0.7	53
64	Role of the agouti gene in obesity. <i>Journal of Endocrinology</i> , 1997, 155, 207-209.	1.2	51
65	Calcium Metabolism in the Young Adult Male as Affected by Level and Form of Phosphorus Intake and Level of Calcium Intake. <i>Journal of Nutrition</i> , 1981, 111, 315-324.	1.3	48
66	Clinical Implications of Hypertension in the Diabetic Patient. <i>American Journal of Hypertension</i> , 1990, 3, 415-424.	1.0	47
67	Can a Dairy-Rich Diet Be Effective in Long-Term Weight Control of Young Children?. <i>Journal of the American College of Nutrition</i> , 2009, 28, 601-610.	1.1	47
68	Relationship between Human Adipose Tissue Agouti and Fatty Acid Synthase (FAS). <i>Journal of Nutrition</i> , 2000, 130, 2478-2481.	1.3	46
69	Role of Calcitriol and Cortisol on Human Adipocyte Proliferation and Oxidative and Inflammatory Stress: A Microarray Study. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2008, 1, 30-48.	1.8	46
70	1 α ,25 -(OH)_2 Dihydroxyvitamin D ₃ Modulation of Adipocyte Reactive Oxygen Species Production. <i>Obesity</i> , 2007, 15, 1944-1953.	1.5	44
71	1 α , 25-Dihydroxyvitamin D and corticosteroid regulate adipocyte nuclear vitamin D receptor. <i>International Journal of Obesity</i> , 2008, 32, 1305-1311.	1.6	44
72	Interaction between metformin and leucine in reducing hyperlipidemia and hepatic lipid accumulation in diet-induced obese mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1426-1434.	1.5	44

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73	Effects of dairy consumption on SIRT1 and mitochondrial biogenesis in adipocytes and muscle cells. <i>Nutrition and Metabolism</i> , 2011, 8, 91.	1.3	43
74	Agouti regulation of intracellular calcium: role of melanocortin receptors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997, 272, E379-E384.	1.8	41
75	Synergistic effects of metformin, resveratrol, and hydroxymethylbutyrate on insulin sensitivity. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2013, 6, 93.	1.1	41
76	Transcriptional regulation of the adipocyte fatty acid synthase gene by agouti: interaction with insulin. <i>Physiological Genomics</i> , 2000, 3, 157-162.	1.0	40
77	Reductions in Total and Extracellular Water Associated With Calcium-induced Natriuresis and the Antihypertensive Effect of Calcium in Blacks. <i>American Journal of Hypertension</i> , 1988, 1, 70-72.	1.0	39
78	Diazoxide down-regulates leptin and lipid metabolizing enzymes in adipose tissue of Zucker rats. <i>FASEB Journal</i> , 2000, 14, 455-460.	0.2	39
79	Regulation of leptin by agouti. <i>Physiological Genomics</i> , 2000, 2, 101-105.	1.0	39
80	Dairy Product Components and Weight Regulation: Symposium Overview. <i>Journal of Nutrition</i> , 2003, 133, 243S-244S.	1.3	38
81	Effects of Dairy Products on Intracellular Calcium and Blood Pressure in Adults with Essential Hypertension. <i>Journal of the American College of Nutrition</i> , 2009, 28, 142-149.	1.1	38
82	Insulin increases vascular smooth muscle recovery from intracellular calcium loads.. <i>Hypertension</i> , 1993, 22, 74-77.	1.3	37
83	Dietary calcium regulates ROS production in aP2-agouti transgenic mice on high-fat/high-sucrose diets. <i>International Journal of Obesity</i> , 2006, 30, 1341-1346.	1.6	36
84	The <i>agouti</i> gene product stimulates pancreatic β -cell Ca^{2+} signaling and insulin release. <i>Physiological Genomics</i> , 1999, 1, 11-19.	1.0	35
85	Randomised clinical trial: a leucine-metformin-sildenafil combination (NS vs placebo in patients with non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2018, 47, 1639-1651.	1.9	35
86	Dietary Calcium Induces Regression of Left Ventricular Hypertrophy in Hypertensive Non - Insulin-dependent Diabetic Blacks. <i>American Journal of Hypertension</i> , 1990, 3, 458-463.	1.0	34
87	Altered cation transport in non-insulin-dependent diabetic hypertension. <i>Journal of Hypertension</i> , 1988, 6, S228-230.	0.3	33
88	The agouti gene product inhibits lipolysis in human adipocytes via a Ca^{2+} -dependent mechanism. <i>FASEB Journal</i> , 1998, 12, 1391-6.	0.2	33
89	Calcium and Dairy Modulation of Obesity Risk ^{**} . <i>Obesity</i> , 2005, 13, 192-193.	4.0	32
90	Leucine amplifies the effects of metformin on insulin sensitivity and glycemic control in diet-induced obese mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 845-856.	1.5	32

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91	Insulin Resistance, Carbohydrate Metabolism, and Hypertension. American Journal of Hypertension, 1991, 4, 466S-472S.	1.0	30
92	Pro-opiomelanocortin (POMC) Deficiency and Peripheral Melanocortins in Obesity. Nutrition Reviews, 2009, 58, 177-180.	2.6	30
93	Calcium Metabolism and Dietary Calcium in Salt Sensitive Hypertension. American Journal of Hypertension, 1991, 4, 557-563.	1.0	29
94	A combination of probiotics and whey proteins enhances anti-obesity effects of calcium and dairy products during nutritional energy restriction in <i>ap2-agouti</i> transgenic mice. British Journal of Nutrition, 2015, 113, 1689-1696.	1.2	29
95	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.	1.3	28
96	Dietary Pattern and Hypertension: The DASH Study. Nutrition Reviews, 1997, 55, 303-305.	2.6	27
97	Increased Sodium Lithium Countertransport in Black Non Insulin-dependent Diabetic Hypertensives. American Journal of Hypertension, 1990, 3, 563-565.	1.0	24
98	Abnormal Ca ²⁺ -ATPase Activity in Erythrocytes of Non-Insulin-Dependent Diabetic Rats. Hormone and Metabolic Research, 1990, 22, 136-140.	0.7	24
99	Agouti/Melanocortin Interactions with Leptin Pathways in Obesity. Nutrition Reviews, 1998, 56, 271-274.	2.6	24
100	Insulin resistance vs. hyperinsulinemia in hypertension: insulin regulation of Ca ²⁺ transport and Ca(2+)-regulation of insulin sensitivity. Journal of Nutrition, 1995, 125, 1738S-1743S.	1.3	24
101	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.	1.5	22
102	Hypertension in insulin-resistant Zucker obese rats is independent of sympathetic neural support. American Journal of Physiology - Endocrinology and Metabolism, 1992, 262, E368-E371.	1.8	21
103	Insulin Regulation of Vascular Smooth Muscle Glucose Transport in Insulin-Sensitive and Resistant Rats. Hormone and Metabolic Research, 1996, 28, 271-275.	0.7	21
104	A Combination of Leucine, Metformin, and Sildenafil Treats Nonalcoholic Fatty Liver Disease and Steatohepatitis in Mice. International Journal of Hepatology, 2016, 2016, 1-16.	0.4	21
105	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.	1.5	20
106	Effects of Normal Pregnancy on Cellular Cation Metabolism and Peripheral Vascular Resistance. American Journal of Hypertension, 1990, 3, 16-22.	1.0	20
107	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.	1.3	20
108	The effects of calcium channel blockade on agouti-induced obesity. FASEB Journal, 1996, 10, 1646-52.	0.2	20

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109	Zinc, Iron and Copper Availability as Affected by Orthophosphates, Polyphosphates and Calcium. <i>Journal of Food Science</i> , 1983, 48, 567-569.	1.5	19
110	Interaction between leucine and phosphodiesterase 5 inhibition in modulating insulin sensitivity and lipid metabolism. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2015, 8, 227.	1.1	19
111	Randomized Controlled Trial of a Leucine+Metformin+Sildenafil Combination (NS0200) on Weight and Metabolic Parameters. <i>Obesity</i> , 2019, 27, 59-67.	1.5	18
112	Saline Infusion Causes Rapid Increase in Parathyroid Hormone and Intracellular Calcium Levels. <i>American Journal of Hypertension</i> , 1989, 2, 185-187.	1.0	17
113	Effects of a potent melanocortin agonist on the diabetic/obese phenotype in yellow mice. <i>International Journal of Obesity</i> , 1998, 22, 678-683.	1.6	17
114	Lipid Metabolism Predicts Changes in Body Composition during Energy Restriction in Overweight Humans. <i>Journal of Nutrition</i> , 2009, 139, 222-229.	1.3	17
115	The Effects of Dairy Components on Energy Partitioning and Metabolic Risk in Mice: A Microarray Study. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009, 2, 64-77.	1.8	16
116	Dietary Calcium and Dairy Modulation of Oxidative Stress and Mortality in aP2-Agouti and Wild-type Mice. <i>Nutrients</i> , 2009, 1, 50-70.	1.7	15
117	Impaired Recovery of Vascular Smooth Muscle Intracellular Calcium Following Agonist Stimulation in Insulin Resistant (Zucker Obese) Rats. <i>American Journal of Hypertension</i> , 1993, 6, 500-504.	1.0	14
118	Chromium Picolinate Modulates Rat Vascular Smooth Muscle Cell Intracellular Calcium Metabolism. <i>Journal of Nutrition</i> , 1998, 128, 180-184.	1.3	14
119	FERMENTATION OF SOYMILK WITH COMMERCIAL FREEZE-DRIED STARTER LACTIC CULTURES. <i>Journal of Food Processing and Preservation</i> , 1988, 12, 187-195.	0.9	13
120	Effects of a leucine and pyridoxine-containing nutraceutical on body weight and composition in obese subjects. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2013, 6, 309.	1.1	13
121	Insulin stimulation of intracellular free Ca ²⁺ recovery and Ca ²⁺ -ATPase gene expression in cultured vascular smooth-muscle cells: role of glucose 6-phosphate. <i>Biochemical Journal</i> , 1995, 311, 555-559.	1.7	12
122	Role of Î²-hydroxy-Î²-methylbutyrate (HMB) in leucine stimulation of muscle mitochondrial biogenesis. <i>FASEB Journal</i> , 2012, 26, 251.6.	0.2	12
123	Effect of Dietary Carbohydrate Source on the Development of Obesity in <i>Agouti</i> Transgenic Mice ^{**} . <i>Obesity</i> , 2005, 13, 21-35.	4.0	11
124	Effects of Food Gums on Zinc and Iron Solubility following in vitro Digestion. <i>Journal of Food Science</i> , 1985, 50, 547-547.	1.5	11
125	Effect of Protein, Dairy Components and Energy Balance in Optimizing Body Composition. <i>Nestle Nutrition Institute Workshop Series</i> , 2011, 69, 97-114.	1.5	11
126	Calcium Modulation of Adiposity. <i>Obesity</i> , 2003, 11, 375-376.	4.0	9

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127	Modulation of Energy Sensing by Leucine Synergy with Natural Sirtuin Activators: Effects on Health Span. <i>Journal of Medicinal Food</i> , 2020, 23, 1129-1135.	0.8	9
128	Leucine-nicotinic acid synergy stimulates AMPK/Sirt1 signaling and regulates lipid metabolism and lifespan in <i>Caenorhabditis elegans</i> , and hyperlipidemia and atherosclerosis in mice. <i>American Journal of Cardiovascular Disease</i> , 2017, 7, 33-47.	0.5	9
129	Effects of mitochondrial uncoupling on adipocyte intracellular Ca ²⁺ and lipid metabolism. <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 219-226.	1.9	8
130	Dairy and weight loss hypothesis. <i>Nutrition Reviews</i> , 2008, 66, 542-543.	2.6	8
131	Effects of Dietary Calcium on Blood Pressure, Vascular Reactivity and Vascular Smooth Muscle Calcium Efflux Rate in Zucker Rats. <i>American Journal of Hypertension</i> , 1991, 4, 592-596.	1.0	7
132	Hypertension in Young, Healthy Zucker Obese Rats Is Not Responsive to Reduced Salt Intake. <i>Journal of Nutrition</i> , 1994, 124, 713-716.	1.3	7
133	Biphasic Effect of Sildenafil on Energy Sensing is Mediated by Phosphodiesterases 2 and 3 in Adipocytes and Hepatocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2992.	1.8	7
134	Insulin resistance, obesity and hypertension: an overview. <i>Journal of Nutrition</i> , 1995, 125, 1715S-1717S.	1.3	6
135	Magnesium potentiation of iron-transferrin binding. <i>Life Sciences</i> , 1989, 44, 1007-1012.	2.0	5
136	Agouti Signaling Protein Stimulates Islet Amyloid Polypeptide (Amylin) Secretion in Pancreatic β -Cells. <i>Experimental Biology and Medicine</i> , 2001, 226, 565-569.	1.1	4
137	Leucine and Sildenafil Combination Therapy Reduces Body Weight and Metformin Enhances the Effect at Low Dose: A Randomized Controlled Trial. <i>American Journal of Therapeutics</i> , 2021, 28, e1-e13.	0.5	4
138	Synergistic Effects of Leucine and its Metabolites with Polyphenols on Irisin in Myotubes and Diet-Induced Obese Mice. <i>FASEB Journal</i> , 2013, 27, 637.11.	0.2	4
139	Effects of leucine on mitochondrial biogenesis and cell cycle in A375 melanoma cells. <i>FASEB Journal</i> , 2012, 26, 363.4.	0.2	4
140	Phosphates and Calcium Utilization in Humans. <i>ACS Symposium Series</i> , 1985, , 29-39.	0.5	3
141	Vitamin D Modulation of Adipocyte Function. , 2010, , 345-358.		3
142	Metal utilization from casein and soy based diets as affected by tripolyphosphate and hexametaphosphate. <i>Nutrition Research</i> , 1985, 5, 879-890.	1.3	2
143	Effect of a Leucine/Pyridoxine Nutraceutical on Caloric Intake and Body Composition of Obese Dogs Losing Weight. <i>Frontiers in Veterinary Science</i> , 2020, 7, 555.	0.9	2
144	Role of branched chain amino acids and ACE inhibition in the anti-obesity effect of milk. <i>FASEB Journal</i> , 2007, 21, A328.	0.2	2

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145	Synergistic effects of polyphenols with leucine and β -hydroxy β -methylbutyrate (HMB) on energy metabolism. FASEB Journal, 2013, 27, 637.23.	0.2	2
146	Dairy Foods, Calcium, and Weight Management. , 2007, , 477-493.		2
147	Effects of prenatal ethanol exposure on iron utilization in the rat. Nutrition Research, 1984, 4, 469-475.	1.3	1
148	Dairy augmentation of weight and fat loss. International Journal of Obesity, 2005, 29, 1393-1394.	1.6	1
149	Call for Special Issue Papers: Obesity. Journal of Medicinal Food, 2019, 22, 1091-1091.	0.8	1
150	Natural Products: New Hope for Nonalcoholic Steatohepatitis?. Journal of Medicinal Food, 2019, 22, 1187-1188.	0.8	1
151	Medicinal Foods and Obesity. Journal of Medicinal Food, 2020, 23, 203-204.	0.8	1
152	Role of Nutrition in Black Hypertension: Calcium and Other Dietary Factors. , 1993, , 166-180.		1
153	Dietary calcium and dairy modulation of oxidative and inflammatory stress in mice and humans. FASEB Journal, 2007, 21, A358.	0.2	1
154	The inhibitory effect of adiponectin on Caco-2 cell proliferation. FASEB Journal, 2007, 21, A58.	0.2	1
155	Adiponectin mediates leucine-induced adipocyte-muscle cross-talk. FASEB Journal, 2010, 24, 541.20.	0.2	1
156	Leucine modulation of sirtuins and AMPK in adipocytes and myotubes. FASEB Journal, 2012, 26, 251.3.	0.2	1
157	Leucine modulation of AMPK and mitochondrial biogenesis in C2C12 myotubes is Sirt1 dependent. FASEB Journal, 2013, 27, 637.13.	0.2	1
158	Effects of a leucine-containing nutraceutical on fat oxidation in overweight and obese adults. FASEB Journal, 2009, 23, 563.36.	0.2	1
159	Leucine and calcitriol modulation of human airway inflammation in lung endothelial cells. FASEB Journal, 2013, 27, 46.8.	0.2	1
160	Nicotinic acid synergizes with leucine to stimulate AMPK/Sirt1 signaling and regulates lipid accumulation and lifespan in <i>C. elegans</i> (269.7). FASEB Journal, 2014, 28, 269.7.	0.2	1
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