

Michael B Zemel

List of Publications by Year in Descending Order

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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.

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	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	1	2
180	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	2.8	2
179	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	3.1	1
178	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,	6.3	3
177	Obesity. <i>Journal of Medicinal Food</i> , 2019 , 22, 975	2.8	
176	Obesity. <i>Journal of Medicinal Food</i> , 2019 , 22, 1091	2.8	1
175	2046-P: NS-0200 (Leucine-Metformin-Sildenafil) Reduces Weight in Obese Subjects: A 24-Week Randomized Trial. <i>Diabetes</i> , 2019 , 68, 2046-P	0.9	
174	Randomized Controlled Trial of a Leucine-Metformin-Sildenafil Combination (NS-0200) on Weight and Metabolic Parameters. <i>Obesity</i> , 2019 , 27, 59-67	8	13
173	Randomised clinical trial: a leucine-metformin-sildenafil combination (NS-0200) vs placebo in patients with non-alcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2018 , 47, 1639-1651	6.1	22
172	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	0.9	8
171	A Combination of Leucine, Metformin, and Sildenafil Treats Nonalcoholic Fatty Liver Disease and Steatohepatitis in Mice. <i>International Journal of Hepatology</i> , 2016 , 2016, 9185987	2.7	17
170	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	12.7	51
169	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, 845-56	12.7	28
168	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. <i>British Journal of Nutrition</i> , 2015 , 113, 1689-96	3.6	21
167	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, 1426-34	12.7	36
166	Leucine and Resveratrol: Experimental Model of Sirtuin Pathway Activation 2015 , 87-99		
165	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, 227-39	3.4	16

164	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	3.7	57
163	Leucine Modulates Mitochondrial Biogenesis and SIRT1-AMPK Signaling in C2C12 Myotubes. <i>Journal of Nutrition and Metabolism</i> , 2014 , 2014, 239750	2.7	58
162	Nicotinic acid synergizes with leucine to stimulate AMPK/Sirt1 signaling and regulates lipid accumulation and lifespan in <i>C. elegans</i> (269.7). <i>FASEB Journal</i> , 2014 , 28, 269.7	0.9	
161	Synergistic effects of leucine with phosphodiesterase 5 inhibition on insulin sensitivity (1035.4). <i>FASEB Journal</i> , 2014 , 28, 1035.4	0.9	
160	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, 309-15	3.4	13
159	Synergistic effects of metformin, resveratrol, and hydroxymethylbutyrate on insulin sensitivity. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2013 , 6, 93-102	3.4	33
158	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	0.9	4
157	Leucine modulation of AMPK and mitochondrial biogenesis in C2C12 myotubes is Sirt1 dependent. <i>FASEB Journal</i> , 2013 , 27, 637.13	0.9	1
156	Synergistic effects of polyphenols with leucine and β-hydroxy-β-methylbutyrate (HMB) on energy metabolism. <i>FASEB Journal</i> , 2013 , 27, 637.23	0.9	2
155	Leucine and calcitriol modulation of human airway inflammation in lung endothelial cells. <i>FASEB Journal</i> , 2013 , 27, 46.8	0.9	1
154	Effects of leucine and adipocyte derived microparticles on human peripheral blood monocyte CD11b expression. <i>FASEB Journal</i> , 2013 , 27, 46.6	0.9	
153	Effects of a leucine and pyridoxine-containing nutraceutical on body weight and composition in obese adults. <i>FASEB Journal</i> , 2013 , 27, lb297	0.9	
152	Synergistic Effects of Leucine and β-Hydroxy-β-Methyl- Butyrate (HMB) with Phosphodiesterase (PDE) Inhibitors on Sirtuin Activation. <i>FASEB Journal</i> , 2013 , 27, 637.9	0.9	
151	Synergistic effects of leucine and resveratrol on insulin sensitivity and fat metabolism in adipocytes and mice. <i>Nutrition and Metabolism</i> , 2012 , 9, 77	4.6	90
150	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, 529-41	6.7	45
149	Leucine modulation of sirtuins and AMPK in adipocytes and myotubes. <i>FASEB Journal</i> , 2012 , 26, 251.3	0.9	1
148	Role of β-hydroxy-β-methylbutyrate (HMB) in leucine stimulation of muscle mitochondrial biogenesis. <i>FASEB Journal</i> , 2012 , 26, 251.6	0.9	10
147	Effects of leucine on mitochondrial biogenesis and cell cycle in A-375 melanoma cells. <i>FASEB Journal</i> , 2012 , 26, 363.4	0.9	2

146	Leucine and calcitriol modulation of human airway inflammation and hyper-reactivity. <i>FASEB Journal</i> , 2012 , 26, 1012.2	0.9	
145	Folate modulates adipocyte promoter methylation and lipid filling and release. <i>FASEB Journal</i> , 2012 , 26, 116.3	0.9	
144	Vitamin D and Adipose Tissue. <i>Oxidative Stress and Disease</i> , 2012 , 185-200		
143	Effect of protein, dairy components and energy balance in optimizing body composition. <i>Nestle Nutrition Institute Workshop Series</i> , 2011 , 69, 97-108; discussion 108-13	1.9	8
142	Dietary fat and not calcium supplementation or dairy product consumption is associated with changes in anthropometrics during a randomized, placebo-controlled energy-restriction trial. <i>Nutrition and Metabolism</i> , 2011 , 8, 67	4.6	17
141	Effects of dairy consumption on SIRT1 and mitochondrial biogenesis in adipocytes and muscle cells. <i>Nutrition and Metabolism</i> , 2011 , 8, 91	4.6	36
140	Dairy attenuates oxidative and inflammatory stress in metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 422-30	7	142
139	Effects of dairy compared with soy on oxidative and inflammatory stress in overweight and obese subjects. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 16-22	7	110
138	Vitamin D Modulation of Adipocyte Function 2010 , 345-358		3
137	Adiponectin mediates leucine-induced adipocyte-muscle cross-talk. <i>FASEB Journal</i> , 2010 , 24, 541.20	0.9	1
136	Dairy attenuation of oxidative and inflammatory stress in metabolic syndrome. <i>FASEB Journal</i> , 2010 , 24, 105.3	0.9	
135	Effects of leucine and calcitriol on monocyte-vascular endothelial cell adhesion. <i>FASEB Journal</i> , 2010 , 24, 230.5	0.9	
134	Dairy-rich diets augment fat loss on an energy-restricted diet: a multicenter trial. <i>Nutrients</i> , 2009 , 1, 83-109		55
133	Dietary calcium and dairy modulation of oxidative stress and mortality in aP2-agouti and wild-type mice. <i>Nutrients</i> , 2009 , 1, 50-70	6.7	11
132	Lipid metabolism predicts changes in body composition during energy restriction in overweight humans. <i>Journal of Nutrition</i> , 2009 , 139, 222-9	4.1	15
131	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, 142-9	3.5	34
130	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		13
129	Proposed role of calcium and dairy food components in weight management and metabolic health. <i>Physician and Sportsmedicine</i> , 2009 , 37, 29-39	2.4	46

128	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, 601-10	3.5	45
127	Leucine modulation of mitochondrial mass and oxygen consumption in skeletal muscle cells and adipocytes. <i>Nutrition and Metabolism</i> , 2009 , 6, 26	4.6	113
126	Effects of a leucine-containing nutraceutical on fat oxidation in overweight and obese adults. <i>FASEB Journal</i> , 2009 , 23, 563.36	0.9	
125	Calcitriol increases macrophage recruitment by adipocytes. <i>FASEB Journal</i> , 2009 , 23, 910.4	0.9	
124	1Alpha, 25-dihydroxyvitamin D and corticosteroid regulate adipocyte nuclear vitamin D receptor. <i>International Journal of Obesity</i> , 2008 , 32, 1305-11	5.5	31
123	Calcium and dairy product modulation of lipid utilization and energy expenditure. <i>Obesity</i> , 2008 , 16, 1566-72		71
122	Dairy and weight loss hypothesis. <i>Nutrition Reviews</i> , 2008 , 66, 542-3; author reply 546-7	6.4	5
121	Calcitriol and energy metabolism. <i>Nutrition Reviews</i> , 2008 , 66, S139-46	6.4	45
120	Recent developments in calcium-related obesity research. <i>Obesity Reviews</i> , 2008 , 9, 428-45	10.6	121
119	Effects of dairy intake on weight maintenance. <i>Nutrition and Metabolism</i> , 2008 , 5, 28	4.6	52
118	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		43
117	Dietary calcium and dairy products modulate oxidative and inflammatory stress in mice and humans. <i>Journal of Nutrition</i> , 2008 , 138, 1047-52	4.1	103
116	Calcitriol and calcium regulate cytokine production and adipocyte-macrophage cross-talk. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 392-9	6.3	73
115	Role of calcitriol and corticosteroid on adipocyte nuclear vitamin D receptor (nVDR) expression. <i>FASEB Journal</i> , 2008 , 22, 691.4	0.9	
114	The Adipocyte Renin Angiotensin System (RAS) Mediates the Effects of Calcitriol on Oxidative Stress and Cytokine Expression. <i>FASEB Journal</i> , 2008 , 22, 700.31	0.9	
113	Dairy Modulation of Oxidative and Inflammatory Stress in Overweight and Obese Subjects. <i>FASEB Journal</i> , 2008 , 22, 881.4	0.9	
112	Leucine and Calcitriol Modulation of Mitochondrial Biogenesis in Muscle Cells and Adipocytes. <i>FASEB Journal</i> , 2008 , 22, 305.2	0.9	
111	1Alpha,25-dihydroxyvitamin D3 modulation of adipocyte reactive oxygen species production. <i>Obesity</i> , 2007 , 15, 1944-53	8	41

110	Calcium and 1,25-dihydroxyvitamin D3 regulation of adipokine expression. <i>Obesity</i> , 2007 , 15, 340-8	8	101
109	Leucine and calcium regulate fat metabolism and energy partitioning in murine adipocytes and muscle cells. <i>Lipids</i> , 2007 , 42, 297-305	1.6	91
108	Dairy Foods, Calcium, and Weight Management 2007 , 477-493		2
107	Effects of a dairy-rich diet on blood pressure (BP): moderating effects of intracellular calcium [(Ca) _i] status. <i>FASEB Journal</i> , 2007 , 21, A1061	0.9	
106	Microarray analysis of the effects of calcitriol and cortisone on human adipocyte gene expression. <i>FASEB Journal</i> , 2007 , 21, A1119	0.9	
105	Role of branched chain amino acids and ACE inhibition in the anti-obesity effect of milk. <i>FASEB Journal</i> , 2007 , 21, A328	0.9	2
104	Dietary calcium and dairy modulation of oxidative and inflammatory stress in mice and humans. <i>FASEB Journal</i> , 2007 , 21, A358	0.9	1
103	The inhibitory effect of adiponectin on Caco-2 cell proliferation. <i>FASEB Journal</i> , 2007 , 21, A58	0.9	1
102	Dietary calcium regulates ROS production in aP2-agouti transgenic mice on high-fat/high-sucrose diets. <i>International Journal of Obesity</i> , 2006 , 30, 1341-6	5.5	34
101	Effects of Food Gums on Zinc and Iron Solubility following in vitro Digestion. <i>Journal of Food Science</i> , 2006 , 50, 547-547	3.4	9
100	Calcium-dependent regulation of macrophage inhibitory factor and CD14 expression by calcitriol in human adipocytes. <i>FASEB Journal</i> , 2006 , 20, A1038	0.9	
99	Dietary calcium and calcitriol regulation of the adipose tissue renin-angiotensin system (RAS) and inflammatory cytokine production. <i>FASEB Journal</i> , 2006 , 20, A1037	0.9	
98	The role of dairy foods in weight management. <i>Journal of the American College of Nutrition</i> , 2005 , 24, 537S-46S	3.5	196
97	Effects of calcium and dairy on body composition and weight loss in African-American adults. <i>Obesity</i> , 2005 , 13, 1218-25		233
96	Effect of energy-reduced diets high in dairy products and fiber on weight loss in obese adults. <i>Obesity</i> , 2005 , 13, 1344-53		139
95	Calcium and dairy modulation of obesity risk. <i>Obesity</i> , 2005 , 13, 192-3		26
94	Effect of low- and high-calcium dairy-based diets on macronutrient oxidation in humans. <i>Obesity</i> , 2005 , 13, 2102-12		70
93	Effect of dietary carbohydrate source on the development of obesity in agouti transgenic mice. <i>Obesity</i> , 2005 , 13, 21-35		9

92	1,25-dihydroxyvitamin D3 modulation of adipocyte glucocorticoid function. <i>Obesity</i> , 2005 , 13, 670-7		52
91	Dairy augmentation of total and central fat loss in obese subjects. <i>International Journal of Obesity</i> , 2005 , 29, 391-7	5.5	258
90	Dairy augmentation of weight and fat loss. <i>International Journal of Obesity</i> , 2005 , 29, 1393-1394	5.5	1
89	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, 3054-60	4.1	72
88	Role of uncoupling protein 2 (UCP2) expression and 1alpha, 25-dihydroxyvitamin D3 in modulating adipocyte apoptosis. <i>FASEB Journal</i> , 2004 , 18, 1430-2	0.9	73
87	Calcium and dairy acceleration of weight and fat loss during energy restriction in obese adults. <i>Obesity</i> , 2004 , 12, 582-90		398
86	Dietary calcium and dairy modulation of adiposity and obesity risk. <i>Nutrition Reviews</i> , 2004 , 62, 125-31	6.4	141
85	Role of calcium and dairy products in energy partitioning and weight management. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 907S-912S	7	255
84	Mechanisms of dairy modulation of adiposity. <i>Journal of Nutrition</i> , 2003 , 133, 252S-256S	4.1	163
83	Dairy product components and weight regulation: symposium overview. <i>Journal of Nutrition</i> , 2003 , 133, 243S-244S	4.1	25
82	Role of dietary calcium and dairy products in modulating adiposity. <i>Lipids</i> , 2003 , 38, 139-46	1.6	127
81	Effects of mitochondrial uncoupling on adipocyte intracellular Ca(2+) and lipid metabolism. <i>Journal of Nutritional Biochemistry</i> , 2003 , 14, 219-26	6.3	8
80	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, 251-8	6.3	266
79	Calcium modulation of adiposity. <i>Obesity</i> , 2003 , 11, 375-6		6
78	1alpha,25-dihydroxyvitamin D3 inhibits uncoupling protein 2 expression in human adipocytes. <i>FASEB Journal</i> , 2002 , 16, 1808-10	0.9	118
77	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	3.5	260
76	Agouti signaling protein stimulates islet amyloid polypeptide (amylin) secretion in pancreatic beta-cells. <i>Experimental Biology and Medicine</i> , 2001 , 226, 565-9	3.7	1
75	Mechanism of intracellular calcium ([Ca2+]i) inhibition of lipolysis in human adipocytes. <i>FASEB Journal</i> , 2001 , 15, 2527-9	0.9	167

74	1alpha,25-Dihydroxyvitamin D3 modulates human adipocyte metabolism via nongenomic action. <i>FASEB Journal</i> , 2001 , 15, 2751-3	0.9	181
73	Calcium modulation of hypertension and obesity: mechanisms and implications. <i>Journal of the American College of Nutrition</i> , 2001 , 20, 428S-435S; discussion 440S-442S	3.5	164
72	Effects of dietary calcium on adipocyte lipid metabolism and body weight regulation in energy-restricted aP2-agouti transgenic mice. <i>FASEB Journal</i> , 2001 , 15, 291-3	0.9	215
71	The Agouti Gene in Obesity. <i>Modern Nutrition</i> , 2001 , 205-230		
70	Pro-opiomelanocortin (POMC) deficiency and peripheral melanocortins in obesity. <i>Nutrition Reviews</i> , 2000 , 58, 177-80	6.4	26
69	Regulation of adiposity by dietary calcium. <i>FASEB Journal</i> , 2000 , 14, 1132-1138	0.9	675
68	Role of intracellular calcium in human adipocyte differentiation. <i>Physiological Genomics</i> , 2000 , 3, 75-82	3.6	142
67	Diazoxide down-regulates leptin and lipid metabolizing enzymes in adipose tissue of Zucker rats. <i>FASEB Journal</i> , 2000 , 14, 455-60	0.9	35
66	Relationship between human adipose tissue agouti and fatty acid synthase (FAS). <i>Journal of Nutrition</i> , 2000 , 130, 2478-81	4.1	36
65	Transcriptional regulation of the adipocyte fatty acid synthase gene by agouti: interaction with insulin. <i>Physiological Genomics</i> , 2000 , 3, 157-62	3.6	36
64	Regulation of leptin by agouti. <i>Physiological Genomics</i> , 2000 , 2, 101-5	3.6	34
63	Regulation of adiposity by dietary calcium. <i>FASEB Journal</i> , 2000 , 14, 1132-8	0.9	175
62	Glycemic index, cardiovascular disease, and obesity. <i>Nutrition Reviews</i> , 1999 , 57, 273-6	6.4	42
61	The agouti gene product stimulates pancreatic [beta]-cell Ca ²⁺ signaling and insulin release. <i>Physiological Genomics</i> , 1999 , 1, 11-9	3.6	32
60	Role of the sulfonylurea receptor in regulating human adipocyte metabolism. <i>FASEB Journal</i> , 1999 , 13, 1833-8	0.9	52
59	Agouti/melanocortin interactions with leptin pathways in obesity. <i>Nutrition Reviews</i> , 1998 , 56, 271-4	6.4	18
58	Nutritional and endocrine modulation of intracellular calcium: Implications in obesity, insulin resistance and hypertension 1998 , 188, 129-136		135
57	Effects of a potent melanocortin agonist on the diabetic/obese phenotype in yellow mice. <i>International Journal of Obesity</i> , 1998 , 22, 678-83	5.5	16

56	Chromium picolinate modulates rat vascular smooth muscle cell intracellular calcium metabolism. <i>Journal of Nutrition</i> , 1998 , 128, 180-4	4.1	11
55	The agouti gene product inhibits lipolysis in human adipocytes via a Ca ²⁺ -dependent mechanism. <i>FASEB Journal</i> , 1998 , 12, 1391-1396	0.9	135
54	Nutritional and endocrine modulation of intracellular calcium: Implications in obesity, insulin resistance and hypertension 1998 , 129-136		6
53	The agouti gene product inhibits lipolysis in human adipocytes via a Ca ²⁺ -dependent mechanism. <i>FASEB Journal</i> , 1998 , 12, 1391-6	0.9	26
52	Nutritional and endocrine modulation of intracellular calcium: implications in obesity, insulin resistance and hypertension. <i>Molecular and Cellular Biochemistry</i> , 1998 , 188, 129-36	4.2	47
51	Dietary pattern and hypertension: the DASH study. Dietary Approaches to Stop Hypertension. <i>Nutrition Reviews</i> , 1997 , 55, 303-5	6.4	22
50	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, 919-22	11.5	68
49	Agouti regulation of intracellular calcium: role of melanocortin receptors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1997 , 272, E379-84	6	25
48	Role of the agouti gene in obesity. <i>Journal of Endocrinology</i> , 1997 , 155, 207-9	4.7	35
47	Insulin regulation of vascular smooth muscle glucose transport in insulin-sensitive and resistant rats. <i>Hormone and Metabolic Research</i> , 1996 , 28, 271-5	3.1	19
46	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, E192-6	6	44
45	The effects of calcium channel blockade on agouti-induced obesity. <i>FASEB Journal</i> , 1996 , 10, 1646-1652	0.9	77
44	The effects of calcium channel blockade on agouti-induced obesity. <i>FASEB Journal</i> , 1996 , 10, 1646-52	0.9	19
43	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 (Pt 2), 555-9	3.8	11
42	Agouti regulation of intracellular calcium: role in the insulin resistance of viable yellow mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 4733-7	11.5	125
41	Insulin resistance, obesity and hypertension: an overview. <i>Journal of Nutrition</i> , 1995 , 125, 1715S-1717S	4.1	3
40	Insulin resistance vs. hyperinsulinemia in hypertension: insulin regulation of Ca ²⁺ transport and Ca ²⁺ -regulation of insulin sensitivity. <i>Journal of Nutrition</i> , 1995 , 125, 1738S-1743S	4.1	16
39	Hypertension in young, healthy Zucker obese rats is not responsive to reduced salt intake. <i>Journal of Nutrition</i> , 1994 , 124, 713-6	4.1	5

38	Insulin increases vascular smooth muscle recovery from intracellular calcium loads. <i>Hypertension</i> , 1993 , 22, 74-7	8.5	31
37	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, 500-4	2.3	13
36	Role of Nutrition in Black Hypertension: Calcium and Other Dietary Factors 1993 , 166-180		1
35	Insulin-stimulated vascular relaxation. Role of Ca(2+)-ATPase. <i>American Journal of Hypertension</i> , 1992 , 5, 637-41	2.3	69
34	Hypertension in insulin-resistant Zucker obese rats is independent of sympathetic neural support. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1992 , 262, E368-71	6	13
33	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, 592-6	2.3	6
32	Insulin resistance, carbohydrate metabolism, and hypertension. <i>American Journal of Hypertension</i> , 1991 , 4, 466S-472S	2.3	24
31	Calcium metabolism and dietary calcium in salt sensitive hypertension. <i>American Journal of Hypertension</i> , 1991 , 4, 557-63	2.3	24
30	Insulin attenuation of vasoconstrictor responses to phenylephrine in Zucker lean and obese rats. <i>American Journal of Hypertension</i> , 1991 , 4, 537-9	2.3	63
29	Insulin attenuates vasopressin-induced calcium transients and a voltage-dependent calcium response in rat vascular smooth muscle cells. <i>Journal of Clinical Investigation</i> , 1991 , 88, 1230-6	15.9	102
28	Increased sodium-lithium countertransport in black non-insulin-dependent diabetic hypertensives. <i>American Journal of Hypertension</i> , 1990 , 3, 563-5	2.3	20
27	Effects of normal pregnancy on cellular cation metabolism and peripheral vascular resistance. <i>American Journal of Hypertension</i> , 1990 , 3, 16-22	2.3	16
26	Clinical implications of hypertension in the diabetic patient. <i>American Journal of Hypertension</i> , 1990 , 3, 415-24	2.3	41
25	Dietary calcium induces regression of left ventricular hypertrophy in hypertensive non-insulin-dependent diabetic blacks. <i>American Journal of Hypertension</i> , 1990 , 3, 458-63	2.3	31
24	Abnormal Ca ²⁺ -ATPase activity in erythrocytes of non-insulin-dependent diabetic rats. <i>Hormone and Metabolic Research</i> , 1990 , 22, 136-40	3.1	23
23	Altered platelet calcium metabolism as an early predictor of increased peripheral vascular resistance and preeclampsia in urban black women. <i>New England Journal of Medicine</i> , 1990 , 323, 434-8	59.2	86
22	Impaired calcium metabolism associated with hypertension in Zucker obese rats. <i>Metabolism: Clinical and Experimental</i> , 1990 , 39, 704-8	12.7	66
21	Saline infusion causes rapid increase in parathyroid hormone and intracellular calcium levels. <i>American Journal of Hypertension</i> , 1989 , 2, 185-7	2.3	17

20	Erythrocyte cation metabolism in preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 1989 , 161, 441-5	6.4	47
19	Role of cellular calcium metabolism in abnormal glucose metabolism and diabetic hypertension. <i>American Journal of Medicine</i> , 1989 , 87, 75-165	2.4	55
18	Magnesium potentiation of iron-transferrin binding. <i>Life Sciences</i> , 1989 , 44, 1007-12	6.8	2
17	Role of Calcium in Modulating Salt Sensitivity 1989 , 169-175		
16	FERMENTATION OF SOYMILK WITH COMMERCIAL FREEZE-DRIED STARTER LACTIC CULTURES. <i>Journal of Food Processing and Preservation</i> , 1988 , 12, 187-195	2.1	11
15	Salt sensitivity and systemic hypertension in the elderly. <i>American Journal of Cardiology</i> , 1988 , 61, 7H-12H	5	70
14	Erythrocyte cation metabolism in salt-sensitive hypertensive blacks as affected by dietary sodium and calcium. <i>American Journal of Hypertension</i> , 1988 , 1, 386-92	2.3	52
13	Altered cation transport in non-insulin-dependent diabetic hypertension: effects of dietary calcium. <i>Journal of Hypertension</i> , 1988 , 6, S228-30	1.9	28
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10	Hypertension and diabetes. <i>Medical Clinics of North America</i> , 1988 , 72, 1399-414	7	50
9	Phosphates and Calcium Utilization in Humans. <i>ACS Symposium Series</i> , 1985 , 29-39	0.4	0
8	Metal utilization from casein and soy based diets as affected by tripolyphosphate and hexametaphosphate. <i>Nutrition Research</i> , 1985 , 5, 879-890	4	1
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6	Effects of prenatal ethanol exposure on iron utilization in the rat. <i>Nutrition Research</i> , 1984 , 4, 469-475	4	0
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