

Joel Claudio Heimann

List of Publications by Year in descending order

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57
papers

1,232
citations

331259

21
h-index

377514

34
g-index

59
all docs

59
docs citations

59
times ranked

1561
citing authors

#	ARTICLE	IF	CITATIONS
1	Igf1 DNA Methylation, Epigenetics, and Low-Salt Diet in Fetal Programming. , 2019, , 1329-1345.		0
2	Effect of maternal periodontitis on GLUT4 and inflammatory pathway in adult offspring. Journal of Periodontology, 2019, 90, 884-893.	1.7	12
3	Myocardial hypertrophy induced by high salt consumption is prevented by angiotensin II AT2 receptor agonist. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 301-305.	1.1	10
4	Impact of Low-Salt Diet. , 2019, , 2011-2026.		0
5	A novel peptide that improves metabolic parameters without adverse central nervous system effects. Scientific Reports, 2017, 7, 14781.	1.6	19
6	Impact of Low-Salt Diet. , 2017, , 1-16.		0
7	Low-sodium diet induces atherogenesis regardless of lowering blood pressure in hypertensive hyperlipidemic mice. PLoS ONE, 2017, 12, e0177086.	1.1	8
8	Exposure to fine particulate matter in the air alters placental structure and the renin-angiotensin system. PLoS ONE, 2017, 12, e0183314.	1.1	42
9	The effects of individually ventilated cages on the respiratory systems of male and female Wistar rats from birth until adulthood. Clinics, 2017, 72, 171-177.	0.6	3
10	Igf1 DNA Methylation, Epigenetics, and Low-Salt Diet in Fetal Programming. , 2017, , 1-17.		0
11	High and Low Salt Intake during Pregnancy: Impact on Cardiac and Renal Structure in Newborns. PLoS ONE, 2016, 11, e0161598.	1.1	9
12	Glucose metabolism and hepatic Igf1 DNA methylation are altered in the offspring of dams fed a low-salt diet during pregnancy. Physiology and Behavior, 2016, 154, 68-75.	1.0	9
13	Inhalation of fine particulate matter during pregnancy increased IL-4 cytokine levels in the fetal portion of the placenta. Toxicology Letters, 2015, 232, 475-480.	0.4	68
14	Renal angiotensin II content in neonates is influenced by the salt intake during pregnancy. FASEB Journal, 2015, 29, 684.7.	0.2	0
15	Fine particulate matter in the air within the limits recommended by WHO alters placental structure. FASEB Journal, 2015, 29, 684.8.	0.2	0
16	High-Salt Intake Induces Cardiomyocyte Hypertrophy in Rats in Response to Local Angiotensin II Type 1 Receptor Activation. Journal of Nutrition, 2014, 144, 1571-1578.	1.3	25
17	Low salt intake during pregnancy alters glucose metabolism and DNA methylation in the offspring (LB765). FASEB Journal, 2014, 28, LB765.	0.2	0
18	Salt intake during pregnancy alters offspring's myocardial structure. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 481-486.	1.1	15

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19	Salt induced cardiac hypertrophy is blood pressure independent and prevented by Losartan and N-acetylcysteine. FASEB Journal, 2013, 27, 1188-7.	0.2	0
20	Maternal high-sodium intake alters the responsiveness of the renin-angiotensin system in adult offspring. Life Sciences, 2012, 90, 785-792.	2.0	10
21	Identification of intracellular peptides in rat adipose tissue: Insights into insulin resistance. Proteomics, 2012, 12, 2668-2681.	1.3	44
22	Isolated total RNA and protein are preserved after thawing for more than twenty-four hours. Clinics, 2012, 67, 255-259.	0.6	6
23	Low sodium intake is associated with low birth weight and size only when given in the second half of gestation. FASEB Journal, 2012, 26, 712.4.	0.2	0
24	Mechanisms of myocardial alterations induced by chronic high-salt intake. FASEB Journal, 2012, 26, 1133.2.	0.2	0
25	Pharmaceutic guidance to hypertensive patients at USP University Hospital: effect on adherence to treatment. Brazilian Journal of Pharmaceutical Sciences, 2010, 46, 353-362.	1.2	4
26	Salt-Induced Cardiac Hypertrophy and Interstitial Fibrosis Are Due to a Blood Pressure-Independent Mechanism in Wistar Rats. Journal of Nutrition, 2010, 140, 1742-1751.	1.3	48
27	High sucrose intake in rats is associated with increased ACE2 and angiotensin-(1-7) levels in the adipose tissue. Regulatory Peptides, 2010, 162, 61-67.	1.9	34
28	Vitamin C reduces AT 1 R and AT 2 R activation in the rostral ventrolateral medulla of hypertensive sucrose-fed rats. FASEB Journal, 2010, 24, 594.8.	0.2	0
29	High salt diet during pregnancy: effects on the renin-angiotensin-aldosterone system in adult male offspring of Wistar rats. FASEB Journal, 2009, 23, 626.12.	0.2	0
30	Perinatal salt restriction: A new pathway to programming adiposity indices in adult female Wistar rats. Life Sciences, 2008, 82, 728-732.	2.0	24
31	Low birth weight in response to salt restriction during pregnancy is not due to alterations in uterine-placental blood flow or the placental and peripheral renin-angiotensin system. Physiology and Behavior, 2008, 95, 145-151.	1.0	38
32	High Salt Diet During Pregnancy Alters Kidney Renin Granules In The Adult Rats Offspring.. FASEB Journal, 2008, 22, .	0.2	0
33	Differential sympathetic and angiotensinergic responses in rats submitted to low- or high-salt diet. Regulatory Peptides, 2007, 140, 5-11.	1.9	25
34	Sympathetic and Renin-Angiotensin Systems Contribute to Increased Blood Pressure in Sucrose-Fed Rats. American Journal of Hypertension, 2007, 20, 692-698.	1.0	17
35	Left and right ventricular hypertrophy in response to high salt intake is blood pressure independent. FASEB Journal, 2007, 21, A901.	0.2	0
36	Insulin resistance due to chronic salt restriction is corrected by $\hat{1}$ and $\hat{2}$ blockade and by l-arginine. Physiology and Behavior, 2006, 88, 364-370.	1.0	13

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37	High- or low-salt diet from weaning to adulthood: Effect on body weight, food intake and energy balance in rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, 148-155.	1.1	68
38	Reply to "Energy cannot be created nor destroyed". <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006, 16, e13-e14.	1.1	0
39	Lycopene and β -carotene protect in vivo iron-induced oxidative stress damage in rat prostate. <i>Brazilian Journal of Medical and Biological Research</i> , 2006, 39, 203-210.	0.7	55
40	Effect of Lifelong High- or Low-Salt Intake on Blood Pressure, Left Ventricular Mass and Plasma Insulin in Wistar Rats. <i>American Journal of the Medical Sciences</i> , 2006, 331, 309-314.	0.4	13
41	Effects of hydrochlorothiazide and propranolol treatment on chylomicron metabolism in hypertensive subjects. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005, 83, 617-623.	0.7	1
42	Low salt intake modulates insulin signaling, JNK activity and IRS-1ser307 phosphorylation in rat tissues. <i>Journal of Endocrinology</i> , 2005, 185, 429-437.	1.2	27
43	Perinatal Salt Restriction: A New Pathway to Programming Insulin Resistance and Dyslipidemia in Adult Wistar Rats. <i>Pediatric Research</i> , 2004, 56, 842-848.	1.1	32
44	Changes in dietary sodium consumption modulate GLUT4 gene expression and early steps of insulin signaling. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R779-R785.	0.9	23
45	Renin-angiotensin system function and blood pressure in adult rats after perinatal salt overload. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2003, 13, 133-139.	1.1	50
46	Dietary sodium chloride restriction enhances aortic wall lipid storage and raises plasma lipid concentration in LDL receptor knockout mice. <i>Journal of Lipid Research</i> , 2003, 44, 727-732.	2.0	26
47	The rise of the plasma lipid concentration elicited by dietary sodium chloride restriction in Wistar rats is due to an impairment of the plasma triacylglycerol removal rate. <i>Atherosclerosis</i> , 2001, 158, 81-86.	0.4	27
48	Changes in Sodium or Glucose Filtration Rate Modulate Expression of Glucose Transporters in Renal Proximal Tubular Cells of Rat. <i>Journal of Membrane Biology</i> , 2001, 182, 105-112.	1.0	159
49	Dietary sodium intake induced myenteric neuron hypertrophy in Wistar rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 847-850.	0.7	1
50	High- or Low-Salt Diet From Weaning to Adulthood. <i>Hypertension</i> , 2000, 35, 424-429.	1.3	62
51	Effect of the heme/heme oxygenase pathway on the relationship between salt consumption and blood pressure. <i>Journal of Hypertension</i> , 1998, 16, 1965-1969.	0.3	9
52	Chronic Salt Overload Increases Blood Pressure and Improves Glucose Metabolism Without Changing Insulin Sensitivity. <i>American Journal of Hypertension</i> , 1997, 10, 720-727.	1.0	23
53	Higher Salt Consumption, Digoxin-like Factor, and Nifedipine Response Are Associated With Salt Sensitivity in Essential Hypertension. <i>American Journal of Hypertension</i> , 1992, 5, 707-712.	1.0	14
54	Left Ventricular Hypertrophy Is More Marked in Salt-Sensitive Than in Salt-Resistant Hypertensive Patients. <i>Journal of Cardiovascular Pharmacology</i> , 1991, 17, S122-S124.	0.8	37

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55	Salt Sensitivity in Human Essential Hypertension: Effect of Renin-Angiotensin and Sympathetic Nervous System Blockade. <i>Clinical and Experimental Hypertension</i> , 1989, 11, 379-387.	0.3	10
56	Mechanisms of renal dysfunction during positive end-expiratory pressure ventilation. <i>Journal of Applied Physiology</i> , 1981, 50, 643-649.	1.2	72
57	Effects of renal and hepatic venous congestion on renal function in the presence of low and normal cardiac output in dogs.. <i>Circulation Research</i> , 1980, 47, 883-890.	2.0	40