Helio Vannucchi

List of Publications by Year
in descending order

120	1,777	304743	434195
papers	citations	22 h-index	31 g-index

132	132	132	2483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessment of vitamin A status in chronic obstructive pulmonary disease patients and healthy smokers. American Journal of Clinical Nutrition, 1996, 64, 928-934.	4.7	68
2	Effects of creatine supplementation on homocysteine levels and lipid peroxidation in rats. British Journal of Nutrition, 2009, 102, 110-116.	2.3	61
3	Effect of an acute dose of ethanol on lipid peroxidation in rats: action of vitamin E. Food and Chemical Toxicology, 2004, 42, 459-464.	3.6	50
4	DNA Oxidative Damage in Patients with Dialysis Treatment. Renal Failure, 2005, 27, 689-694.	2.1	49
5	Choline Supplementation Protects against Liver Damage by Normalizing Cholesterol Metabolism in Pemt/Ldlr Knockout Mice Fed a High-Fat Diet. Journal of Nutrition, 2014, 144, 252-257.	2.9	46
6	Antioxidant Effect of Thiamine on Acutely Alcoholized Rats and Lack of Efficacy Using Thiamine or Glucose to Reduce Blood Alcohol Content. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 482-486.	2.5	40
7	Dietary Docosahexaenoic Acid and Eicosapentaenoic Acid Influence Liver Triacylglycerol and Insulin Resistance in Rats Fed a High-Fructose Diet. Marine Drugs, 2015, 13, 1864-1881.	4.6	40
8	Maternal Risk for Down Syndrome Is Modulated by Genes Involved in Folate Metabolism. Disease Markers, 2012, 32, 73-81.	1.3	39
9	Peroxisome proliferator-activated receptors alpha and gamma2 polymorphisms in nonalcoholic fatty liver disease: A study in Brazilian patients. Gene, 2013, 529, 326-331.	2.2	35
10	Choline and Fructooligosaccharide: Non-alcoholic Fatty Liver Disease, Cardiac Fat Deposition, and Oxidative Stress Markers. Nutrition and Metabolic Insights, 2015, 8, NMI.S24385.	1.9	35
11	Genetic polymorphisms involved in folate metabolism and concentrations of methylmalonic acid and folate on plasma homocysteine and risk of coronary artery disease. Journal of Thrombosis and Thrombolysis, 2010, 29, 32-40.	2.1	32
12	Bioavailability of iron added to the diet by cooking food in an iron pot. Nutrition Research, 1986, 6, 421-428.	2.9	31
13	Chemical composition of the fruit mesocarp of three peach palm (Bactris gasipaes) populations grown in Central Amazonia, Brazil. International Journal of Food Sciences and Nutrition, 2003, 54, 49-56.	2.8	31
14	Zinc Concentrations in Human Milk During Lactation: a 6-month Longitudinal Study in Southern Brazil. Journal of Tropical Pediatrics, 1989, 35, 31-34.	1.5	30
15	Proinflammatory and oxidative stress markers in patients submitted to Roux-en-Y gastric bypass after 1 year of follow-up. European Journal of Clinical Nutrition, 2012, 66, 891-899.	2.9	29
16	Serum Vitamins in Adult Patients With Short Bowel Syndrome Receiving Intermittent Parenteral Nutrition. Journal of Parenteral and Enteral Nutrition, 2011, 35, 493-498.	2.6	28
17	Maternal risk for Down syndrome is modulated by genes involved in folate metabolism. Disease Markers, 2012, 32, 73-81.	1.3	27
18	Lipid peroxidation in nicotinamide-deficient and nicotinamide-supplemented rats with streptozotocin-induced diabetes. Acta Diabetologica, 2000, 37, 33-39.	2.5	25

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19	Creatine supplementation reduces increased homocysteine concentration induced by acute exercise in rats. European Journal of Applied Physiology, 2011, 111, 2663-2670.	2.5	25
20	Niacin metabolite excretion in alcoholic pellagra and AIDS patients with and without diarrhea. Nutrition, 2004, 20, 778-782.	2.4	24
21	Antioxidant compounds and oxidative stress in female dogs during pregnancy. Research in Veterinary Science, 2007, 83, 188-193.	1.9	23
22	Lutein presents suppressing but not blocking chemopreventive activity during diethylnitrosamine-induced hepatocarcinogenesis and this involves inhibition of DNA damage. Chemico-Biological Interactions, 2007, 168, 221-228.	4.0	23
23	Oxidative stress markers in adults 2 years after Roux-en-Y gastric bypass. European Journal of Gastroenterology and Hepatology, 2013, 25, 580-586.	1.6	23
24	AvaliaÃ§Ã£o do estado nutricional. Medicina, 1996, 29, 5-18.	0.1	22
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37	Effect of Acute Thermal Injury in Status of Serum Vitamins, Inflammatory Markers, and Oxidative Stress Markers. Journal of Burn Care and Research, 2013, 34, e87-e91.	0.4	17
38	Effect of Citric Pectin on beta-Carotene Bioavailability in Rats. International Journal for Vitamin and Nutrition Research, 2002, 72, 199-203.	1.5	16
39	Efeitos da quercetina na lesÃ£o pulmonar induzida por bleomicina: um estudo preliminar. Jornal Brasileiro De Pneumologia, 2008, 34, 445-452.	0.7	16
40	Fluorescence spectroscopy to diagnose hepatic steatosis in a rat model of fatty liver. Liver International, 2009, 29, 331-336.	3.9	16
41	Fructose and NAFLD: metabolic implications and models of induction in rats. Acta Cirurgica Brasileira, 2011, 26, 45-50.	0.7	16
42	Polymorphism C1420T of Serine hydroxymethyltransferase gene on maternal risk for Down syndrome. Molecular Biology Reports, 2012, 39, 2561-2566.	2.3	16
43	Anti-oxidative systems in rat skeletal muscle after acute physical exercise. Applied Physiology, Nutrition and Metabolism, 2007, 32, 190-196.	1.9	15
44	Effects of vitamin E supplementation on renal non-enzymatic antioxidants in young rats submitted to exhaustive exercise stress. BMC Complementary and Alternative Medicine, 2011, 11, 133.	3.7	15
45	Fish Oil Decreases Hepatic Lipogenic Genes in Rats Fasted and Refed on a High Fructose Diet. Nutrients, 2015, 7, 1644-1656.	4.1	15
46	Niacin metabolism and indoleamine 2,3-dioxygenase activation in malnourished patients with flaky paint dermatosis. Nutrition, 2015, 31, 890-892.	2.4	15
47	Vitamin A and All-trans and 9-cis Retinoic Acids Inhibit Cell Proliferation During the Progression Phase of Hepatocarcinogenesis in Wistar Rats. Nutrition and Cancer, 2001, 39, 244-251.	2.0	14
48	G1793A polymorphisms in the methyl- enetetrahydrofolate gene: Effect of folic acid on homocysteine levels. Molecular Nutrition and Food Research, 2006, 50, 769-774.	3.3	14
49	Evaluation of plasma homocysteine level according to the C677T and A1298C polymorphism of the enzyme MTHRF in type 2 diabetic adults. Arquivos Brasileiros De Endocrinologia E Metabologia, 2012, 56, 429-434.	1.3	14
50	Liver, plasma and erythrocyte levels of thiamine and its phosphate esters in rats with acute ethanol intoxication: A comparison of thiamine and benfotiamine administration. European Journal of Pharmaceutical Sciences, 2013, 48, 799-802.	4.0	14
51	Nutritional assessment of vitamin E in malnourished patients with AIDS. Nutrition, 2000, 16, 339-343.	2.4	13
52	Effect of Î²-Carotene Supplementation on Rats Submitted to Chronic Ethanol Ingestion. Drug and Chemical Toxicology, 2003, 26, 191-198.	2.3	13
53	Impact of maternal vitamin A supplementation on the motherâ€“infant pair in Brazil. European Journal of Clinical Nutrition, 2010, 64, 1302-1307.	2.9	13
54	Vitamin E Alters Inflammatory Gene Expression in Alcoholic Chronic Pancreatitis. Journal of Nutrigenetics and Nutrigenomics, 2012, 5, 94-105.	1.3	13

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55	PLASMA AMINO ACID PATTERNS IN ALCOHOLIC PELLAGRA PATIENTS. Alcohol and Alcoholism, 1991, 26, 431-436.	1.6	12
56	Ideal weight better predicts resting energy expenditure than does actual weight in patients with short bowel syndrome. Nutrition, 2007, 23, 778-781.	2.4	12
57	Genetic polymorphisms modulate the folate metabolism of Brazilian individuals with Down syndrome. Molecular Biology Reports, 2012, 39, 9277-9284.	2.3	12
58	INFLUENCE OF OXIDATIVE STRESS AND OBESITY IN PATIENTS WITH NONALCOHOLIC STEATOHEPATITIS. Arquivos De Gastroenterologia, 2015, 52, 228-233.	0.8	12
59	Hyperhomocysteinemia and Oxidative Stress in Hemodialysis: Effects of Supplementation with Folic Acid. International Journal for Vitamin and Nutrition Research, 2003, 73, 431-438.	1.5	12
60	Zinc serum levels and their association with vitamin A deficiency in preschool children. Jornal De Pediatria, 2007, 83, 512-517.	2.0	12
61	Absorption, by Humans, of Î²-Carotene from Fortified Soybean Oil Added to Rice: Effect of Heat Treatment. Journal of the American College of Nutrition, 1998, 17, 361-365.	1.8	11
62	Chemical composition of the fruit mesocarp of three peach palm (Bactris gasipaes) populations grown in Central Amazonia, Brazil. International Journal of Food Sciences and Nutrition, 2003, 54, 49-56.	2.8	11
63	Apoptosis induction by (+)Î±-tocopheryl succinate in the absence or presence of all-trans retinoic acid and arsenic trioxide in NB4, NB4-R2 and primary APL cells. Leukemia Research, 2009, 33, 958-963.	0.8	11
64	Hyperhomocysteinemia and polymorphisms of the methylenetetrahydrofolate gene in hemodialysis and peritoneal dialysis patients. Molecular Nutrition and Food Research, 2007, 51, 1430-1436.	3.3	10
65	Muscle mass gain observed in patients with short bowel syndrome subjected to resistance training. Nutrition Research, 2008, 28, 78-82.	2.9	10
66	Effects of acute magnesium loading on pulmonary function of stable COPD patients. Medical Science Monitor, 2008, 14, CR524-9.	1.1	10
67	Starch availability in Brazilian foods. â€œin vivoâ€•and â€œin vitroâ€•assays. Nutrition Research, 1996, 16, 1425-1436.	2.9	9
68	Effect of heat treatment on the biological value of Î²-carotene added to soybean cooking oil in rats. International Journal of Food Sciences and Nutrition, 1998, 49, 205-210.	2.8	9
69	Effects of malnutrition during early lactation on development and feeding behavior under the self-selection paradigm. Nutrition, 2001, 17, 455-461.	2.4	9
70	A transcobalamin gene polymorphism and the risk of venous thrombosis. The BRATROS (Brazilian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	9
71	Effects of a Low-Protein Diet on Plasma Amino Acid and Homocysteine Levels and Oxidative Status in Rats. Annals of Nutrition and Metabolism, 2009, 54, 202-207.	1.9	9
72	Omega-3 improves glucose tolerance but increases lipid peroxidation and DNA damage in hepatocytes of fructose-fed rats. Applied Physiology, Nutrition and Metabolism, 2012, 37, 233-240.	1.9	9

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73	Whole-body protein metabolism turnover in men on a high or low calorie rice and bean Brazilian diet. Nutrition Research, 1996, 16, 435-441.	2.9	8
74	Recommended dose for repair of serum vitamin A levels in patients with HIV infection/AIDS may be insufficient because of high urinary losses. Nutrition, 2006, 22, 483-489.	2.4	8
75	Papillary atrophy of the tongue and nutritional status of hospitalized alcoholics. Anais Brasileiros De Dermatologia, 2012, 87, 84-89.	1.1	8
76	Effect of a Necrogenic Dose of Diethylnitrosamine on Vitamin E-deficient and Vitamin E-supplemented Rats. Food and Chemical Toxicology, 1998, 36, 929-935.	3.6	7
77	Lipid Peroxidation in Nicotinamide-Deficient and Nicotinamide-Supplemented Rats. International Journal for Vitamin and Nutrition Research, 2000, 70, 321-323.	1.5	7
78	Lack of inhibitory effect of lycopene on dysplastic lesions induced by 7,12-dimethyl-benz[a]anthracene in hamster buccal pouch. Nutrition Research, 2007, 27, 574-579.	2.9	7
79	Progression of Lipid Peroxidation Measured as Thiobarbituric Acid Reactive Substances, Damage to DNA and Histopathological Changes in the Liver of Rats Subjected to a Methionineâ€“Cholineâ€Deficient Diet. Basic and Clinical Pharmacology and Toxicology, 2009, 105, 150-155.	2.5	7
80	19-base pair deletion polymorphism of the dihydrofolate reductase (DHFR) gene: maternal risk of Down syndrome and folate metabolism. Sao Paulo Medical Journal, 2010, 128, 215-218.	0.9	7
81	Carnitine Supplementation Effects on Nonenzymatic Antioxidants in Young Rats Submitted to Exhaustive Exercise Stress. Journal of Strength and Conditioning Research, 2012, 26, 1695-1700.	2.1	7
82	DHFR 19-bp Deletion and SHMT C1420T Polymorphisms and Metabolite Concentrations of the Folate Pathway in Individuals with Down Syndrome. Genetic Testing and Molecular Biomarkers, 2013, 17, 274-277.	0.7	7
83	Vitamin E Supplementation in Chemical Colorectal Carcinogenesis: A Two-Edged Knife. Nutrients, 2014, 6, 3214-3229.	4.1	7
84	Effects of the Consumption of Milk Biofortified with Selenium, Vitamin E, and Different Fatty Acid Profile on Immune Response in the Elderly. Molecular Nutrition and Food Research, 2018, 62, 1700307.	3.3	7
85	The effect of acute magnesium loading on the maximal exercise performance of stable chronic obstructive pulmonary disease patients. Clinics, 2012, 67, 615-621.	1.5	7
86	Arm Fat Index as an Alternative Parameter in the Assessment of Nutritional Status of Hospitalized Patients. Journal of Nutritional Medicine, 1992, 3, 31-34.	0.3	6
87	Cytogenetic study of chronic ethanol consumption in rats. Teratogenesis, Carcinogenesis, and Mutagenesis, 2001, 21, 361-368.	0.8	6
88	Improvement in vitamin A status with consumption of dark-green vegetablesâ€“a bioavailability study in rabbits. Nutrition Research, 2003, 23, 271-278.	2.9	6
89	A Simple High Performance Liquid Chromatography Procedure for the Determination of N1-Methylnicotinamide in Urine. Journal of Liquid Chromatography and Related Technologies, 1984, 7, 969-977.	1.0	5
90	The nutritive value of a rice and soybean diet for adults. Nutrition Research, 1985, 5, 577-583.	2.9	5

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91	Experimental short-bowel syndrome: Free amino acid versus intact protein in nutritional support. Nutrition Research, 1994, 14, 1831-1839.	2.9	5
92	Protein requirement assessment of elderly men on a rice and beans diet. Nutrition Research, 1991, 11, 149-157.	2.9	4
93	Early anemia of prematurity. Nutrition Research, 1998, 18, 1161-1173.	2.9	4
94	Hyperhomocysteinemia and Oxidative Stress During Dialysis Treatment. Renal Failure, 2003, 25, 203-213.	2.1	4
95	Experimental induction of steatosis in different tissues after the ingestion of a carbohydrate-rich diet: effect on the liver, on the heart and on indicators of oxidation. Arquivos De Gastroenterologia, 2010, 47, 388-392.	0.8	4
96	Light and Moderate Doses of Ethanol in Chemical Carcinogenesis of the Colon in Rats. Nutrition and Cancer, 2011, 63, 1029-1035.	2.0	4
97	Protein requirements of a group of chronic alcoholics: Efficiency of duodenal amino acid infusion. Nutrition Research, 1988, 8, 239-248.	2.9	3
98	Effect of methionine load on homocysteine levels, lipid peroxidation and DNA damage in rats receiving ethanol. Brazilian Journal of Pharmaceutical Sciences, 2009, 45, 709-714.	1.2	3
99	Antioxidant Treatment and Alcoholism. , 2016, , 119-131.		3
100	One-carbon metabolism and global DNA methylation in mothers of individuals with Down syndrome. Human Cell, 2021, 34, 1671-1681.	2.7	3
101	Skeletal muscle ischemia and reperfusion in rats increase lipid peroxidation in rats. Acta Cirurgica Brasileira, 2004, 19, 578-581.	0.7	3
102	Inflammatory and oxidative stress after surgery for the small area corrections of burn sequelae. Acta Cirurgica Brasileira, 2011, 26, 320-324.	0.7	3
103	Betaine: a potential agent for the treatment of hepatopathy associated with short bowel syndrome. Nutricion Hospitalaria, 2014, 29, 1366-71.	0.3	3
104	What Is the Meaning of Homocysteine in Patients on Dialysis?. , 2011, 21, 394-400.		2
105	Effects of Î±-Tocopherol Supplementation on Liver of Rats Chronically Exposed to Ethanol. Journal of Nutrigenetics and Nutrigenomics, 2013, 6, 125-136.	1.3	2
106	EFEITO DA ADMINISTRAÃ‡ÃƒO CRÃ”NICA DE ETANOL SOBRE A PEROXIDAÃ‡ÃƒO LIPÃDICA EM RATOS. Medicina, 2002, 35, 48.	0.1	2
107	Prevalence of iron deficiency and its association with vitamin A deficiency in preschool children. Jornal De Pediatria, 2005, 81, 169-174.	2.0	2
108	Refeeding with conjugated linoleic acid increases serum cholesterol and modifies the fatty acid profile after 48 hours of fasting in rats. Nutricion Hospitalaria, 2014, 30, 1303-12.	0.3	2

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109	Vitamin E and tannic acid improve DNA damage in rats submitted chronic ethanol administration. British Food Journal, 2010, 112, 617-623.	2.9	1
110	NFR2 EXPRESSION IN APAP ACUTE INTOXICATION. FASEB Journal, 2013, 27, lb441.	0.5	1
111	Folic acid-deficient diet during gestation and post-weaning alters Pomc gene and protein expression in rat offspring. Nutricion Hospitalaria, 2019, 36, 1354-1360.	0.3	1
112	Study of the metabolic nitrogen balance of patients with type II diabetes receiving a brazilian regional rice and bean diet. Nutrition Research, 1993, 13, 263-273.	2.9	0
113	Dietary Vitamin E Supplementation Does Not Inhibit Candida albicans Intestinal Tanslocation in Rats.. Journal of Nutritional Science and Vitaminology, 1999, 45, 153-161.	0.6	0
114	Influence of the ingestion of glutamine or glutamic acid in hepatic steatosis, growth and nitrogen balance after extensive enterectomy in rats. Nutrition Research, 2001, 21, 1383-1391.	2.9	0
115	LIPID PEROXIDATION IN VITAMIN E- DEFICIENT RATS SUBMITTED TO SUBTOTAL NEPHRECTOMY. Renal Failure, 2002, 24, 407-419.	2.1	0
116	Lipid Peroxidation and Urinary Excretion of Vitamin E in Rats Submitted to an Immunological Inflammatory Process. Drug and Chemical Toxicology, 2003, 26, 285-293.	2.3	0
117	Role of Vitamin B6Deficiency in the Nitrogen Balance of Streptozotocin-Diabetic Rats. Toxicology Mechanisms and Methods, 2007, 17, 275-279.	2.7	0
118	Effects on growth after hypertension portal induced in young rats. Arquivos De Gastroenterologia, 2004, 41, 49-53.	0.8	0
119	Alpha-Tocopherol Induces Apoptosis in Acute Promyelocytic Leukemia Cells through a P53-Independent Pathway.. Blood, 2004, 104, 4465-4465.	1.4	0
120	GENE EXPRESSION IN FOLIC ACID FORTIFICATION AND RISK OF COLORECTAL CARCINOGENESIS IN RATS. FASEB Journal, 2013, 27, lb265.	0.5	0