

Helio Vannucchi

List of Publications by Year in descending order

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120
papers

1,777
citations

304743

22
h-index

434195

31
g-index

132
all docs

132
docs citations

132
times ranked

2483
citing authors

#	ARTICLE	IF	CITATIONS
1	One-carbon metabolism and global DNA methylation in mothers of individuals with Down syndrome. <i>Human Cell</i> , 2021, 34, 1671-1681.	2.7	3
2	Folic acid-deficient diet during gestation and post-weaning alters <i>Pomc</i> gene and protein expression in rat offspring. <i>Nutricion Hospitalaria</i> , 2019, 36, 1354-1360.	0.3	1
3	Effects of the Consumption of Milk Biofortified with Selenium, Vitamin E, and Different Fatty Acid Profile on Immune Response in the Elderly. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700307.	3.3	7
4	Antioxidant Treatment and Alcoholism. , 2016, , 119-131.		3
5	Choline and Fructooligosaccharide: Non-alcoholic Fatty Liver Disease, Cardiac Fat Deposition, and Oxidative Stress Markers. <i>Nutrition and Metabolic Insights</i> , 2015, 8, NMI.S24385.	1.9	35
6	Dietary Docosahexaenoic Acid and Eicosapentaenoic Acid Influence Liver Triacylglycerol and Insulin Resistance in Rats Fed a High-Fructose Diet. <i>Marine Drugs</i> , 2015, 13, 1864-1881.	4.6	40
7	Fish Oil Decreases Hepatic Lipogenic Genes in Rats Fasted and Refed on a High Fructose Diet. <i>Nutrients</i> , 2015, 7, 1644-1656.	4.1	15
8	INFLUENCE OF OXIDATIVE STRESS AND OBESITY IN PATIENTS WITH NONALCOHOLIC STEATOHEPATITIS. <i>Arquivos De Gastroenterologia</i> , 2015, 52, 228-233.	0.8	12
9	Niacin metabolism and indoleamine 2,3-dioxygenase activation in malnourished patients with flaky paint dermatosis. <i>Nutrition</i> , 2015, 31, 890-892.	2.4	15
10	Vitamin E Supplementation in Chemical Colorectal Carcinogenesis: A Two-Edged Knife. <i>Nutrients</i> , 2014, 6, 3214-3229.	4.1	7
11	Choline Supplementation Protects against Liver Damage by Normalizing Cholesterol Metabolism in <i>Pemt/Ldlr</i> Knockout Mice Fed a High-Fat Diet. <i>Journal of Nutrition</i> , 2014, 144, 252-257.	2.9	46
12	Betaine: a potential agent for the treatment of hepatopathy associated with short bowel syndrome. <i>Nutricion Hospitalaria</i> , 2014, 29, 1366-71.	0.3	3
13	Refeeding with conjugated linoleic acid increases serum cholesterol and modifies the fatty acid profile after 48 hours of fasting in rats. <i>Nutricion Hospitalaria</i> , 2014, 30, 1303-12.	0.3	2
14	Effects of $\hat{\pm}$ -Tocopherol Supplementation on Liver of Rats Chronically Exposed to Ethanol. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013, 6, 125-136.	1.3	2
15	Peroxisome proliferator-activated receptors alpha and gamma2 polymorphisms in nonalcoholic fatty liver disease: A study in Brazilian patients. <i>Gene</i> , 2013, 529, 326-331.	2.2	35
16	Liver, plasma and erythrocyte levels of thiamine and its phosphate esters in rats with acute ethanol intoxication: A comparison of thiamine and benfotiamine administration. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 799-802.	4.0	14
17	<i>DHFR</i> 19-bp Deletion and <i>SHMT</i> C1420T Polymorphisms and Metabolite Concentrations of the Folate Pathway in Individuals with Down Syndrome. <i>Genetic Testing and Molecular Biomarkers</i> , 2013, 17, 274-277.	0.7	7
18	Methylenetetrahydrofolate Reductase Gene Polymorphism and Serum Homocysteine Levels in Nonalcoholic Fatty Liver Disease. <i>Annals of Nutrition and Metabolism</i> , 2013, 63, 193-199.	1.9	20

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19	Effect of Acute Thermal Injury in Status of Serum Vitamins, Inflammatory Markers, and Oxidative Stress Markers. <i>Journal of Burn Care and Research</i> , 2013, 34, e87-e91.	0.4	17
20	Oxidative stress markers in adults 2 years after Roux-en-Y gastric bypass. <i>European Journal of Gastroenterology and Hepatology</i> , 2013, 25, 580-586.	1.6	23
21	NFR2 EXPRESSION IN APAP ACUTE INTOXICATION. <i>FASEB Journal</i> , 2013, 27, lb441.	0.5	1
22	GENE EXPRESSION IN FOLIC ACID FORTIFICATION AND RISK OF COLORECTAL CARCINOGENESIS IN RATS. <i>FASEB Journal</i> , 2013, 27, lb265.	0.5	0
23	Vitamin E Alters Inflammatory Gene Expression in Alcoholic Chronic Pancreatitis. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2012, 5, 94-105.	1.3	13
24	Carnitine Supplementation Effects on Nonenzymatic Antioxidants in Young Rats Submitted to Exhaustive Exercise Stress. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 1695-1700.	2.1	7
25	Omega-3 improves glucose tolerance but increases lipid peroxidation and DNA damage in hepatocytes of fructose-fed rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 233-240.	1.9	9
26	Proinflammatory and oxidative stress markers in patients submitted to Roux-en-Y gastric bypass after 1 year of follow-up. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 891-899.	2.9	29
27	Genetic polymorphisms modulate the folate metabolism of Brazilian individuals with Down syndrome. <i>Molecular Biology Reports</i> , 2012, 39, 9277-9284.	2.3	12
28	Papillary atrophy of the tongue and nutritional status of hospitalized alcoholics. <i>Anais Brasileiros De Dermatologia</i> , 2012, 87, 84-89.	1.1	8
29	Maternal Risk for Down Syndrome Is Modulated by Genes Involved in Folate Metabolism. <i>Disease Markers</i> , 2012, 32, 73-81.	1.3	39
30	Evaluation of plasma homocysteine level according to the C677T and A1298C polymorphism of the enzyme MTHFR in type 2 diabetic adults. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2012, 56, 429-434.	1.3	14
31	Chemopreventive effects of the dietary histone deacetylase inhibitor tributyrin alone or in combination with vitamin A during the promotion phase of rat hepatocarcinogenesis. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 860-866.	4.2	20
32	Polymorphism C1420T of Serine hydroxymethyltransferase gene on maternal risk for Down syndrome. <i>Molecular Biology Reports</i> , 2012, 39, 2561-2566.	2.3	16
33	Maternal risk for Down syndrome is modulated by genes involved in folate metabolism. <i>Disease Markers</i> , 2012, 32, 73-81.	1.3	27
34	The effect of acute magnesium loading on the maximal exercise performance of stable chronic obstructive pulmonary disease patients. <i>Clinics</i> , 2012, 67, 615-621.	1.5	7
35	Light and Moderate Doses of Ethanol in Chemical Carcinogenesis of the Colon in Rats. <i>Nutrition and Cancer</i> , 2011, 63, 1029-1035.	2.0	4
36	What Is the Meaning of Homocysteine in Patients on Dialysis?. , 2011, 21, 394-400.		2

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37	Fructose and NAFLD: metabolic implications and models of induction in rats. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 45-50.	0.7	16
38	Effects of vitamin E supplementation on renal non-enzymatic antioxidants in young rats submitted to exhaustive exercise stress. <i>BMC Complementary and Alternative Medicine</i> , 2011, 11, 133.	3.7	15
39	Creatine supplementation reduces increased homocysteine concentration induced by acute exercise in rats. <i>European Journal of Applied Physiology</i> , 2011, 111, 2663-2670.	2.5	25
40	Serum Vitamins in Adult Patients With Short Bowel Syndrome Receiving Intermittent Parenteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011, 35, 493-498.	2.6	28
41	Inflammatory and oxidative stress after surgery for the small area corrections of burn sequelae. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 320-324.	0.7	3
42	Vitamin E and tannic acid improve DNA damage in rats submitted chronic ethanol administration. <i>British Food Journal</i> , 2010, 112, 617-623.	2.9	1
43	Genetic polymorphisms involved in folate metabolism and concentrations of methylmalonic acid and folate on plasma homocysteine and risk of coronary artery disease. <i>Journal of Thrombosis and Thrombolysis</i> , 2010, 29, 32-40.	2.1	32
44	Impact of maternal vitamin A supplementation on the motherâ€“infant pair in Brazil. <i>European Journal of Clinical Nutrition</i> , 2010, 64, 1302-1307.	2.9	13
45	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. <i>Arquivos De Gastroenterologia</i> , 2010, 47, 388-392.	0.8	4
46	19-base pair deletion polymorphism of the dihydrofolate reductase (DHFR) gene: maternal risk of Down syndrome and folate metabolism. <i>Sao Paulo Medical Journal</i> , 2010, 128, 215-218.	0.9	7
47	Effect of methionine load on homocysteine levels, lipid peroxidation and DNA damage in rats receiving ethanol. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 709-714.	1.2	3
48	Effects of a Low-Protein Diet on Plasma Amino Acid and Homocysteine Levels and Oxidative Status in Rats. <i>Annals of Nutrition and Metabolism</i> , 2009, 54, 202-207.	1.9	9
49	Increased Folate Intake with No Changes in Serum Homocysteine and Decreased Levels of C-Reactive Protein in Patients with Inflammatory Bowel Diseases. <i>Digestive Diseases and Sciences</i> , 2009, 54, 627-633.	2.3	20
50	Vitamin A deficiency among Brazilian school-aged children in a healthy child service. <i>European Journal of Clinical Nutrition</i> , 2009, 63, 485-490.	2.9	17
51	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. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 150-155.	2.5	7
52	Fluorescence spectroscopy to diagnose hepatic steatosis in a rat model of fatty liver. <i>Liver International</i> , 2009, 29, 331-336.	3.9	16
53	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. <i>Leukemia Research</i> , 2009, 33, 958-963.	0.8	11
54	Both human immunodeficiency virusâ€“infected and human immunodeficiency virusâ€“exposed, uninfected children living in Brazil, Argentina, and Mexico have similar rates of low concentrations of retinol, Î²-carotene, and vitamin E. <i>Nutrition Research</i> , 2009, 29, 716-722.	2.9	17

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55	Effects of creatine supplementation on homocysteine levels and lipid peroxidation in rats. <i>British Journal of Nutrition</i> , 2009, 102, 110-116.	2.3	61
56	Antioxidant Effect of Thiamine on Acutely Alcoholized Rats and Lack of Efficacy Using Thiamine or Glucose to Reduce Blood Alcohol Content. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 482-486.	2.5	40
57	Muscle mass gain observed in patients with short bowel syndrome subjected to resistance training. <i>Nutrition Research</i> , 2008, 28, 78-82.	2.9	10
58	Efeitos da quercetina na lesão pulmonar induzida por bleomicina: um estudo preliminar. <i>Jornal Brasileiro De Pneumologia</i> , 2008, 34, 445-452.	0.7	16
59	Effects of acute magnesium loading on pulmonary function of stable COPD patients. <i>Medical Science Monitor</i> , 2008, 14, CR524-9.	1.1	10
60	Role of Vitamin B6 Deficiency in the Nitrogen Balance of Streptozotocin-Diabetic Rats. <i>Toxicology Mechanisms and Methods</i> , 2007, 17, 275-279.	2.7	0
61	Antioxidant compounds and oxidative stress in female dogs during pregnancy. <i>Research in Veterinary Science</i> , 2007, 83, 188-193.	1.9	23
62	A transcobalamin gene polymorphism and the risk of venous thrombosis. <i>The BRATROS (Brazilian) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.7	0
63	Protection of doxorubicin-induced DNA damage by sodium selenite and selenomethionine in Wistar rats. <i>Nutrition Research</i> , 2007, 27, 343-348.	2.9	17
64	Lack of inhibitory effect of lycopene on dysplastic lesions induced by 7,12-dimethyl-benz[a]anthracene in hamster buccal pouch. <i>Nutrition Research</i> , 2007, 27, 574-579.	2.9	7
65	Anti-oxidative systems in rat skeletal muscle after acute physical exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 190-196.	1.9	15
66	Hyperhomocysteinemia and polymorphisms of the methylenetetrahydrofolate gene in hemodialysis and peritoneal dialysis patients. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 1430-1436.	3.3	10
67	Lutein presents suppressing but not blocking chemopreventive activity during diethylnitrosamine-induced hepatocarcinogenesis and this involves inhibition of DNA damage. <i>Chemico-Biological Interactions</i> , 2007, 168, 221-228.	4.0	23
68	Ideal weight better predicts resting energy expenditure than does actual weight in patients with short bowel syndrome. <i>Nutrition</i> , 2007, 23, 778-781.	2.4	12
69	Zinc serum levels and their association with vitamin A deficiency in preschool children. <i>Jornal De Pediatria</i> , 2007, 83, 512-517.	2.0	12
70	Homocysteine and Its Determinants in Nondialyzed Chronic Kidney Disease Patients. <i>Journal of the American Dietetic Association</i> , 2006, 106, 267-270.	1.1	19
71	Intestinal permeability and oxidative stress in patients with alcoholic pellagra. <i>Clinical Nutrition</i> , 2006, 25, 977-983.	5.0	21
72	Recommended dose for repair of serum vitamin A levels in patients with HIV infection/AIDS may be insufficient because of high urinary losses. <i>Nutrition</i> , 2006, 22, 483-489.	2.4	8

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73	G1793A polymorphisms in the methyl- enetetrahydrofolate gene: Effect of folic acid on homocysteine levels. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 769-774.	3.3	14
74	Oxidative stress and acute-phase response in patients with pressure sores. <i>Nutrition</i> , 2005, 21, 901-907.	2.4	21
75	DNA Oxidative Damage in Patients with Dialysis Treatment. <i>Renal Failure</i> , 2005, 27, 689-694.	2.1	49
76	Prevalence of iron deficiency and its association with vitamin A deficiency in preschool children. <i>Jornal De Pediatria</i> , 2005, 81, 169-174.	2.0	2
77	Detection of vitamin A deficiency in Brazilian preschool children using the serum 30-day doseâ€“response test. <i>European Journal of Clinical Nutrition</i> , 2004, 58, 1372-1377.	2.9	17
78	Niacin metabolite excretion in alcoholic pellagra and AIDS patients with and without diarrhea. <i>Nutrition</i> , 2004, 20, 778-782.	2.4	24
79	Effect of an acute dose of ethanol on lipid peroxidation in rats: action of vitamin E. <i>Food and Chemical Toxicology</i> , 2004, 42, 459-464.	3.6	50
80	Skeletal muscle ischemia and reperfusion in rats increase lipid peroxidation in rats. <i>Acta Cirurgica Brasileira</i> , 2004, 19, 578-581.	0.7	3
81	Effects on growth after hypertension portal induced in young rats. <i>Arquivos De Gastroenterologia</i> , 2004, 41, 49-53.	0.8	0
82	Alpha-Tocopherol Induces Apoptosis in Acute Promyelocytic Leukemia Cells through a P53-Independent Pathway.. <i>Blood</i> , 2004, 104, 4465-4465.	1.4	0
83	Improvement in vitamin A status with consumption of dark-green vegetablesâ€“a bioavailability study in rabbits. <i>Nutrition Research</i> , 2003, 23, 271-278.	2.9	6
84	Chemical composition of the fruit mesocarp of three peach palm (<i>Bactris gasipaes</i>) populations grown in Central Amazonia, Brazil. <i>International Journal of Food Sciences and Nutrition</i> , 2003, 54, 49-56.	2.8	11
85	Effect of Î²-Carotene Supplementation on Rats Submitted to Chronic Ethanol Ingestion. <i>Drug and Chemical Toxicology</i> , 2003, 26, 191-198.	2.3	13
86	Lipid Peroxidation and Urinary Excretion of Vitamin E in Rats Submitted to an Immunological Inflammatory Process. <i>Drug and Chemical Toxicology</i> , 2003, 26, 285-293.	2.3	0
87	Hyperhomocysteinemia and Oxidative Stress During Dialysis Treatment. <i>Renal Failure</i> , 2003, 25, 203-213.	2.1	4
88	Hyperhomocysteinemia and Oxidative Stress in Hemodialysis: Effects of Supplementation with Folic Acid. <i>International Journal for Vitamin and Nutrition Research</i> , 2003, 73, 431-438.	1.5	12
89	Chemical composition of the fruit mesocarp of three peach palm (<i>Bactris gasipaes</i>) populations grown in Central Amazonia, Brazil. <i>International Journal of Food Sciences and Nutrition</i> , 2003, 54, 49-56.	2.8	31
90	LIPID PEROXIDATION IN VITAMIN E- DEFICIENT RATS SUBMITTED TO SUBTOTAL NEPHRECTOMY. <i>Renal Failure</i> , 2002, 24, 407-419.	2.1	0

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91	Effect of Citric Pectin on beta-Carotene Bioavailability in Rats. <i>International Journal for Vitamin and Nutrition Research</i> , 2002, 72, 199-203.	1.5	16
92	EFEITO DA ADMINISTRAÇÃO CRÔNICA DE ETANOL SOBRE A PEROXIDAÇÃO LIPÍDICA EM RATOS. <i>Medicina</i> , 2002, 35, 48.	0.1	2
93	Influence of the ingestion of glutamine or glutamic acid in hepatic steatosis, growth and nitrogen balance after extensive enterectomy in rats. <i>Nutrition Research</i> , 2001, 21, 1383-1391.	2.9	0
94	Cytogenetic study of chronic ethanol consumption in rats. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 2001, 21, 361-368.	0.8	6
95	Effects of malnutrition during early lactation on development and feeding behavior under the self-selection paradigm. <i>Nutrition</i> , 2001, 17, 455-461.	2.4	9
96	Vitamin A and All-trans and 9-cis Retinoic Acids Inhibit Cell Proliferation During the Progression Phase of Hepatocarcinogenesis in Wistar Rats. <i>Nutrition and Cancer</i> , 2001, 39, 244-251.	2.0	14
97	Nutritional assessment of vitamin E in malnourished patients with AIDS. <i>Nutrition</i> , 2000, 16, 339-343.	2.4	13
98	Lipid peroxidation in nicotinamide-deficient and nicotinamide-supplemented rats with streptozotocin-induced diabetes. <i>Acta Diabetologica</i> , 2000, 37, 33-39.	2.5	25
99	Lipid Peroxidation in Nicotinamide-Deficient and Nicotinamide-Supplemented Rats. <i>International Journal for Vitamin and Nutrition Research</i> , 2000, 70, 321-323.	1.5	7
100	Vitamin A deficiency in children aged 6 to 24 months in São Paulo State, Brazil. <i>Nutrition Research</i> , 2000, 20, 757-768.	2.9	21
101	Dietary Vitamin E Supplementation Does Not Inhibit Candida albicans Intestinal Translocation in Rats.. <i>Journal of Nutritional Science and Vitaminology</i> , 1999, 45, 153-161.	0.6	0
102	Early anemia of prematurity. <i>Nutrition Research</i> , 1998, 18, 1161-1173.	2.9	4
103	Effect of a Necrogenic Dose of Diethylnitrosamine on Vitamin E-deficient and Vitamin E-supplemented Rats. <i>Food and Chemical Toxicology</i> , 1998, 36, 929-935.	3.6	7
104	Effect of heat treatment on the biological value of β -carotene added to soybean cooking oil in rats. <i>International Journal of Food Sciences and Nutrition</i> , 1998, 49, 205-210.	2.8	9
105	Absorption, by Humans, of β -Carotene from Fortified Soybean Oil Added to Rice: Effect of Heat Treatment. <i>Journal of the American College of Nutrition</i> , 1998, 17, 361-365.	1.8	11
106	Whole-body protein metabolism turnover in men on a high or low calorie rice and bean Brazilian diet. <i>Nutrition Research</i> , 1996, 16, 435-441.	2.9	8
107	Starch availability in Brazilian foods. <i>in vivo</i> and <i>in vitro</i> assays. <i>Nutrition Research</i> , 1996, 16, 1425-1436.	2.9	9
108	Assessment of vitamin A status in chronic obstructive pulmonary disease patients and healthy smokers. <i>American Journal of Clinical Nutrition</i> , 1996, 64, 928-934.	4.7	68

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109	Avaliaço do estado nutricional. Medicina, 1996, 29, 5-18.	0.1	22
110	Experimental short-bowel syndrome: Free amino acid versus intact protein in nutritional support. Nutrition Research, 1994, 14, 1831-1839.	2.9	5
111	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
112	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

113