

# Maret G Traber

## List of Publications by Year in descending order

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311  
papers

21,291  
citations

9756

73  
h-index

11899

134  
g-index

327  
all docs

327  
docs citations

327  
times ranked

17201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin E: function and metabolism. <i>FASEB Journal</i> , 1999, 13, 1145-1155.	0.2	1,254
2	Vitamin E, antioxidant and nothing more. <i>Free Radical Biology and Medicine</i> , 2007, 43, 4-15.	1.3	1,076
3	Redox Regulation of NF-kappa B Activation. <i>Free Radical Biology and Medicine</i> , 1997, 22, 1115-1126.	1.3	788
4	Vitamins C and E: Beneficial effects from a mechanistic perspective. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1000-1013.	1.3	685
5	Vitamin E: Antioxidant Activity, Biokinetics, and Bioavailability. <i>Annual Review of Nutrition</i> , 1990, 10, 357-382.	4.3	669
6	Vitamin E in Humans: Demand and Delivery. <i>Annual Review of Nutrition</i> , 1996, 16, 321-347.	4.3	447
7	Edible coatings to improve storability and enhance nutritional value of fresh and frozen strawberries ( <i>Fragaria Å— ananassa</i> ) and raspberries ( <i>Rubus ideaus</i> ). <i>Postharvest Biology and Technology</i> , 2004, 33, 67-78.	2.9	371
8	Regulation of lipid peroxidation and ferroptosis in diverse species. <i>Genes and Development</i> , 2018, 32, 602-619.	2.7	339
9	Human plasma and tissue alpha-tocopherol concentrations in response to supplementation with deuterated natural and synthetic vitamin E. <i>American Journal of Clinical Nutrition</i> , 1998, 67, 669-684.	2.2	334
10	Vitamin E Regulatory Mechanisms. <i>Annual Review of Nutrition</i> , 2007, 27, 347-362.	4.3	321
11	Vitamin E: beyond antioxidant function. <i>American Journal of Clinical Nutrition</i> , 1995, 62, 1501S-1509S.	2.2	296
12	Preferential incorporation of alpha-tocopherol vs gamma-tocopherol in human lipoproteins. <i>American Journal of Clinical Nutrition</i> , 1989, 49, 517-526.	2.2	288
13	Oxidative stress in athletes during extreme endurance exercise. <i>Free Radical Biology and Medicine</i> , 2001, 31, 911-922.	1.3	268
14	Vitamins E and C are safe across a broad range of intakes <sup>1,2</sup> . <i>American Journal of Clinical Nutrition</i> , 2005, 81, 736-745.	2.2	264
15	MOLECULAR MECHANISMS OF VITAMIN E TRANSPORT. <i>Annual Review of Nutrition</i> , 1999, 19, 343-355.	4.3	239
16	Smoking and exposure to environmental tobacco smoke decrease some plasma antioxidants and increase $\beta^3$ -tocopherol in vivo after adjustment for dietary antioxidant intakes. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 160-166.	2.2	228
17	Increased atherosclerosis in hyperlipidemic mice deficient in alpha -tocopherol transfer protein and vitamin E. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 13830-13834.	3.3	225
18	Impaired ability of patients with familial isolated vitamin E deficiency to incorporate alpha-tocopherol into lipoproteins secreted by the liver.. <i>Journal of Clinical Investigation</i> , 1990, 85, 397-407.	3.9	224

#	ARTICLE	IF	CITATIONS
19	UV-Irradiation Depletes Antioxidants and Causes Oxidative Damage in a Model of Human Skin. <i>Free Radical Biology and Medicine</i> , 1998, 24, 55-65.	1.3	216
20	Antioxidant supplementation prevents exercise-induced lipid peroxidation, but not inflammation, in ultramarathon runners. <i>Free Radical Biology and Medicine</i> , 2004, 36, 1329-1341.	1.3	199
21	Vitamin E Inadequacy in Humans: Causes and Consequences. <i>Advances in Nutrition</i> , 2014, 5, 503-514.	2.9	193
22	Vitamin E is delivered to cells via the high affinity receptor for low-density lipoprotein. <i>American Journal of Clinical Nutrition</i> , 1984, 40, 747-751.	2.2	192
23	A History of Vitamin E. <i>Annals of Nutrition and Metabolism</i> , 2012, 61, 207-212.	1.0	188
24	Nutrient biomarker patterns, cognitive function, and MRI measures of brain aging. <i>Neurology</i> , 2012, 78, 241-249.	1.5	186
25	Gamma-tocopherol supplementation alone and in combination with alpha-tocopherol alters biomarkers of oxidative stress and inflammation in subjects with metabolic syndrome. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1203-1208.	1.3	183
26	Zinc Deficiency Affects DNA Damage, Oxidative Stress, Antioxidant Defenses, and DNA Repair in Rats. <i>Journal of Nutrition</i> , 2009, 139, 1626-1631.	1.3	181
27	Bovine milk lipoprotein lipase transfers tocopherol to human fibroblasts during triglyceride hydrolysis in vitro. <i>Journal of Clinical Investigation</i> , 1985, 75, 1729-1734.	3.9	162
28	Depletion of Human Stratum Corneum Vitamin E: An Early and Sensitive In Vivo Marker of UV Induced Photo-Oxidation. <i>Journal of Investigative Dermatology</i> , 1998, 110, 756-761.	0.3	157
29	Lack of Tocopherol in Peripheral Nerves of Vitamin E-Deficient Patients with Peripheral Neuropathy. <i>New England Journal of Medicine</i> , 1987, 317, 262-265.	13.9	154
30	Faster plasma vitamin E disappearance in smokers is normalized by vitamin C supplementation. <i>Free Radical Biology and Medicine</i> , 2006, 40, 689-697.	1.3	150
31	Spectrophotometric Method for Determination of Carbonyls in Oxidatively Modified Apolipoprotein B of Human Low-Density Lipoproteins. <i>Analytical Biochemistry</i> , 1995, 228, 349-351.	1.1	145
32	Phenotypic analysis of mice expressing exclusively apolipoprotein B48 or apolipoprotein B100. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 6393-6398.	3.3	142
33	Human plasma vitamin E kinetics demonstrate rapid recycling of plasma RRR-alpha-tocopherol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 10005-10008.	3.3	140
34	Endurance exercise results in DNA damage as detected by the comet assay. <i>Free Radical Biology and Medicine</i> , 2004, 36, 966-975.	1.3	132
35	Studies in humans using deuterium-labeled $\hat{1}\pm$ - and $\hat{1}^3$ -tocopherols demonstrate faster plasma $\hat{1}^3$ -tocopherol disappearance and greater $\hat{1}^3$ -metabolite production. <i>Free Radical Biology and Medicine</i> , 2005, 38, 857-866.	1.3	126
36	Absorption of water-miscible forms of vitamin E in a patient with cholestasis and in thoracic duct-cannulated rats. <i>American Journal of Clinical Nutrition</i> , 1986, 44, 914-923.	2.2	121

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37	Determinants of plasma vitamin E concentrations. <i>Free Radical Biology and Medicine</i> , 1994, 16, 229-239.	1.3	121
38	Efficacy of Topically Applied Tocopherols and Tocotrienols in Protection of Murine Skin From Oxidative Damage Induced by UV-Irradiation. <i>Free Radical Biology and Medicine</i> , 1997, 22, 761-769.	1.3	117
39	$\hat{1}\pm$ - and $\hat{1}^3$ -tocotrienols are metabolized to carboxyethyl-hydroxychroman derivatives and excreted in human urine. <i>Lipids</i> , 2001, 36, 43-48.	0.7	117
40	Synthetic as compared with natural vitamin E is preferentially excreted as $\hat{1}\pm$ -CEHC in human urine: studies using deuterated $\hat{1}\pm$ -tocopheryl acetates. <i>FEBS Letters</i> , 1998, 437, 145-148.	1.3	116
41	Studies of LDL oxidation following $\hat{1}\pm$ -, $\hat{1}^3$ -, or $\hat{1}$ -tocotrienyl acetate supplementation of hypercholesterolemic humans. <i>Free Radical Biology and Medicine</i> , 2000, 29, 834-845.	1.3	116
42	Does $\hat{1}^3$ -Tocopherol Play a Role in the Primary Prevention of Heart Disease and Cancer? A Review. <i>Journal of the American College of Nutrition</i> , 2006, 25, 292-299.	1.1	116
43	Incorporation of deuterated RRR- or all-rac- $\hat{1}\pm$ -tocopherol in plasma and tissues of $\hat{1}\pm$ -tocopherol transfer protein null mice. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 555-560.	2.2	114
44	Low density lipoprotein receptor activity in human monocyte-derived macrophages and its relation to atheromatous lesions.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980, 77, 5466-5470.	3.3	112
45	A specific sorting signal is not required for the polarized secretion of newly synthesized proteins from cultured intestinal epithelial cells.. <i>Journal of Cell Biology</i> , 1988, 107, 471-479.	2.3	109
46	In Vivo Exposure to Ozone Depletes Vitamins C and E and Induces Lipid Peroxidation in Epidermal Layers of Murine Skin. <i>Free Radical Biology and Medicine</i> , 1997, 23, 385-391.	1.3	109
47	Gene expression profile of oxidant stress and neurodegeneration in transgenic mice deficient in $\hat{1}\pm$ -tocopherol transfer protein. <i>Free Radical Biology and Medicine</i> , 2003, 35, 1343-1354.	1.3	109
48	Vitamin e kinetics and the function of tocopherol regulatory proteins. <i>Nutrition</i> , 2001, 17, 799-805.	1.1	108
49	$\hat{1}\pm$ -Tocopherol disappearance is faster in cigarette smokers and is inversely related to their ascorbic acid status. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 95-103.	2.2	106
50	Ozone-Exposure Depletes Vitamin E and Induces Lipid Peroxidation in Murine Stratum Corneum. <i>Journal of Investigative Dermatology</i> , 1997, 108, 753-757.	0.3	105
51	Acrolein-induced cytotoxicity in cultured human bronchial epithelial cells. Modulation by alpha-tocopherol and ascorbic acid. <i>Toxicology</i> , 2002, 170, 173-185.	2.0	105
52	Effect of High Doses of Dietary Vitamin E on the Concentrations of Vitamin E in Several Brain Regions, Plasma, Liver, and Adipose Tissue of Rats. <i>Journal of Neurochemistry</i> , 1988, 51, 621-623.	2.1	104
53	The phorbol 12-myristate 13- acetate (PMA)-induced oxidative burst in rat peritoneal neutrophils is increased by a 0.1 mT (60 Hz) magnetic field. <i>FEBS Letters</i> , 1995, 376, 164-166.	1.3	103
54	Measurement of lipid-soluble vitamins-further adjustment needed?. <i>Lancet, The</i> , 2000, 355, 2013-2014.	6.3	103

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55	Vitamins C and E improve regrowth and reduce lipid peroxidation of blackberry shoot tips following cryopreservation. <i>Plant Cell Reports</i> , 2010, 29, 25-35.	2.8	103
56	Mechanisms for the prevention of vitamin E excess. <i>Journal of Lipid Research</i> , 2013, 54, 2295-2306.	2.0	103
57	TOBACCO-RELATED DISEASES. <i>Clinics in Chest Medicine</i> , 2000, 21, 173-187.	0.8	102
58	Vitamin E. <i>Vitamins and Hormones</i> , 2007, 76, 1-21.	0.7	102
59	Efficacy of Hypochlorous Acid Scavengers in the Prevention of Protein Carbonyl Formation. <i>Archives of Biochemistry and Biophysics</i> , 1996, 327, 330-334.	1.4	98
60	Vitamin E and transfer proteins. <i>Current Opinion in Lipidology</i> , 2003, 14, 249-254.	1.2	97
61	Vitamin E, nuclear receptors and xenobiotic metabolism. <i>Archives of Biochemistry and Biophysics</i> , 2004, 423, 6-11.	1.4	96
62	Studies on the transfer of tocopherol between lipoproteins. <i>Lipids</i> , 1992, 27, 657-663.	0.7	94
63	Absorption and transport of deuterium-substituted 2R,4 <sup>2</sup> R,8 <sup>2</sup> R- $\hat{\alpha}$ -tocopherol in human lipoproteins. <i>Lipids</i> , 1988, 23, 791-797.	0.7	89
64	Vitamin E bioavailability from fortified breakfast cereal is greater than that from encapsulated supplements. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 86-92.	2.2	89
65	$\hat{\alpha}$ -Tocopherol modulates Cyp3a expression, increases $\hat{\alpha}$ -CEHC production, and limits tissue $\hat{\alpha}$ -tocopherol accumulation in mice fed high $\hat{\alpha}$ -tocopherol diets. <i>Free Radical Biology and Medicine</i> , 2005, 38, 773-785.	1.3	89
66	Tocopherol distribution and intracellular localization in human adipose tissue. <i>American Journal of Clinical Nutrition</i> , 1987, 46, 488-495.	2.2	87
67	Vitamin E dose-response studies in humans with use of deuterated RRR- $\hat{\alpha}$ -tocopherol. <i>American Journal of Clinical Nutrition</i> , 1998, 68, 847-853.	2.2	85
68	Antioxidants Did Not Prevent Muscle Damage in Response to an Ultramarathon Run. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 72-80.	0.2	84
69	Human vitamin E requirements assessed with the use of apples fortified with deuterium-labeled $\hat{\alpha}$ -tocopheryl acetate. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 299-304.	2.2	82
70	$\hat{\alpha}$ -Tocopherol regulation of hepatic cytochrome P450s and ABC transporters in rats. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1069-1078.	1.3	79
71	Vitamin E revisited: do new data validate benefits for chronic disease prevention?. <i>Current Opinion in Lipidology</i> , 2008, 19, 30-38.	1.2	77
72	Quantitative Analysis by Liquid Chromatography-Tandem Mass Spectrometry of Deuterium-Labeled and Unlabeled Vitamin E in Biological Samples. <i>Analytical Biochemistry</i> , 2001, 289, 89-95.	1.1	76

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73	Vitamin E attenuates acute lung injury in sheep with burn and smoke inhalation injury. <i>Redox Report</i> , 2006, 11, 61-70.	1.4	73
74	Modulation of ozone-sensitive genes in alpha-tocopherol transfer protein null mice. <i>Inhalation Toxicology</i> , 2010, 22, 1-16.	0.8	73
75	Lactating Sows and Suckling Piglets Preferentially Incorporate RRR- over All-rac-Î±-Tocopherol into Milk, Plasma and Tissues. <i>Journal of Nutrition</i> , 2002, 132, 1258-1264.	1.3	72
76	A rapid method for the extraction and determination of vitamin E metabolites in human urine. <i>Journal of Lipid Research</i> , 2000, 41, 148-154.	2.0	71
77	Exencephaly and hydrocephaly in mice with targeted modification of the Apolipoprotein B (ApoB) gene. <i>Teratology</i> , 1995, 51, 1-10.	1.8	70
78	Dietary zinc restriction and repletion affects DNA integrity in healthy men. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 321-328.	2.2	70
79	Zebrafish ( <i>Danio rerio</i> ) fed vitamin E-deficient diets produce embryos with increased morphologic abnormalities and mortality. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 478-486.	1.9	70
80	Intestinal expression of human apolipoprotein A-IV in transgenic mice fails to influence dietary lipid absorption or feeding behavior.. <i>Journal of Clinical Investigation</i> , 1994, 93, 1776-1786.	3.9	70
81	Benefits of prolonged gradient separation for high-performance liquid chromatography-tandem mass spectrometry quantitation of plasma total 15-series F2-isoprostanes. <i>Analytical Biochemistry</i> , 2006, 350, 41-51.	1.1	68
82	Vitamin E and K interactions - a 50-year-old problem. <i>Nutrition Reviews</i> , 2008, 66, 624-629.	2.6	68
83	Vitamin E Trafficking. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 1-12.	1.8	67
84	Thiol Chelation of Cu <sup>2+</sup> By Dihydrolipoic Acid Prevents Human Low Density Lipoprotein Peroxidation. <i>Free Radical Biology and Medicine</i> , 1998, 25, 287-297.	1.3	65
85	Women and Smokers Have Elevated Urinary F <sub>2</sub> -isoprostane Metabolites: A Novel Extraction and LC-MS Methodology. <i>Lipids</i> , 2008, 43, 925-936.	0.7	65
86	Antioxidant Supplements Reduced Oxidative Stress and Stabilized Liver Function Tests but Did Not Reduce Inflammation in a Randomized Controlled Trial in Obese Children and Adolescents. <i>Journal of Nutrition</i> , 2014, 144, 193-201.	1.3	65
87	Dietary intake associated with serum versus urinary carboxymethyl-lysine, a major advanced glycation end product, in adults: the Energetics Study. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 3-9.	1.3	64
88	Micronutrient antioxidants and smoking. <i>British Medical Bulletin</i> , 1999, 55, 691-704.	2.7	63
89	Vitamin C Deficiency Activates the Purine Nucleotide Cycle in Zebrafish. <i>Journal of Biological Chemistry</i> , 2012, 287, 3833-3841.	1.6	63
90	Ozone depletes tocopherols and tocotrienols topically applied to murine skin. <i>FEBS Letters</i> , 1997, 401, 167-170.	1.3	62

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91	Vitamin E biokinetics, oxidative stress and cigarette smoking. <i>Pathophysiology</i> , 2006, 13, 143-149.	1.0	62
92	Conjugated Linoleic Acid and Fish Oil in Laying Hen Diets: Effects on Egg Fatty Acids, Thiobarbituric Acid Reactive Substances, and Tocopherols During Storage. <i>Poultry Science</i> , 2007, 86, 953-958.	1.5	60
93	Vitamin A and Vitamin E: Will the Real Antioxidant Please Stand Up?. <i>Annual Review of Nutrition</i> , 2021, 41, 105-131.	4.3	60
94	Î±-Tocopherol bioavailability is lower in adults with metabolic syndrome regardless of dairy fat co-ingestion: a randomized, double-blind, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1070-1080.	2.2	59
95	5-nitro-Î³-tocopherol increases in human plasma exposed to cigarette smoke in vitro and in vivo. <i>Free Radical Biology and Medicine</i> , 2003, 35, 1560-1567.	1.3	57
96	Uptake of intact TPGS (d-alpha-tocopheryl polyethylene glycol 1000 succinate) a water-miscible form of vitamin E by human cells in vitro. <i>American Journal of Clinical Nutrition</i> , 1988, 48, 605-611.	2.2	55
97	Î±-Tocopherol Transfer Protein Deficiency in Mice Causes Multi-Organ Deregulation of Gene Networks and Behavioral Deficits with Age. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 109-126.	1.8	55
98	Î±-tocopherol Î²-oxidation localized to rat liver mitochondria. <i>Free Radical Biology and Medicine</i> , 2010, 48, 73-81.	1.3	55
99	Efficacy of water-soluble vitamin E in the treatment of vitamin E malabsorption in short-bowel syndrome. <i>American Journal of Clinical Nutrition</i> , 1994, 59, 1270-1274.	2.2	54
100	Interactions between Vitamin E Homologues and Ascorbate Free Radicals in Murine Skin Homogenates Irradiated with Ultraviolet Light. <i>Photochemistry and Photobiology</i> , 1997, 65, 355-365.	1.3	54
101	Discrimination between RRR- and all-racemic-Î±-tocopherols labeled with deuterium by patients with abetalipoproteinemia. <i>Atherosclerosis</i> , 1994, 108, 27-37.	0.4	53
102	The ABCs of vitamin E and Î²-carotene absorption. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 3-4.	2.2	53
103	Dietary patterns are associated with plasma F2-isoprostanes in an observational cohort study of adults. <i>Free Radical Biology and Medicine</i> , 2013, 57, 201-209.	1.3	52
104	The relationship between vitamin C status, the gut-liver axis, and metabolic syndrome. <i>Redox Biology</i> , 2019, 21, 101091.	3.9	52
105	Is there a vitamin E paradox?. <i>Current Opinion in Lipidology</i> , 2001, 12, 49-53.	1.2	51
106	Novel function of vitamin E in regulation of zebrafish ( <i>Danio rerio</i> ) brain lysophospholipids discovered using lipidomics. <i>Journal of Lipid Research</i> , 2015, 56, 1182-1190.	2.0	51
107	Apolipoprotein B-related gene expression and ultrastructural characteristics of lipoprotein secretion in mouse yolk sac during embryonic development. <i>Journal of Lipid Research</i> , 1999, 40, 1967-1977.	2.0	51
108	Antioxidant supplementation decreases lipid peroxidation biomarker F(2)-isoprostanes in plasma of smokers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2002, 11, 7-13.	1.1	51

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109	Vitamin E supplementation increases circulating vitamin E metabolites tenfold in end-stage renal disease patients. <i>Lipids</i> , 2003, 38, 813-819.	0.7	50
110	Synthesis and secretion of apolipoprotein E by human placenta and choriocarcinoma cell lines. <i>Placenta</i> , 1991, 12, 615-624.	0.7	49
111	The new US Dietary Reference Intakes for vitamins C and E. <i>Redox Report</i> , 2001, 6, 5-9.	1.4	49
112	Subcutaneous vitamin E ameliorates liver injury in an in vivo model of steatocholestasis. <i>Hepatology</i> , 2007, 46, 485-495.	3.6	49
113	$\hat{\beta}$ -Tocopherol nebulization by a lipid aerosolization device improves pulmonary function in sheep with burn and smoke inhalation injury. <i>Free Radical Biology and Medicine</i> , 2008, 45, 425-433.	1.3	49
114	$\gamma$ -Tocopherol as Compared with $\alpha$ -Tocopherol Is Preferentially Secreted in Human Lipoproteins. <i>Annals of the New York Academy of Sciences</i> , 1989, 570, 95-108.	1.8	48
115	Vitamin E uptake by human intestinal cells during lipolysis in vitro. <i>Gastroenterology</i> , 1990, 98, 96-103.	0.6	47
116	Potential risk indicators of retained placenta and other diseases in multiparous cows. <i>Journal of Dairy Science</i> , 2014, 97, 4151-4165.	1.4	47
117	A Metabolomic Analysis of Omega-3 Fatty Acid-Mediated Attenuation of Western Diet-Induced Nonalcoholic Steatohepatitis in LDLR <sup>-/-</sup> Mice. <i>PLoS ONE</i> , 2013, 8, e83756.	1.1	47
118	Copper Toxicity and Lipid Peroxidation in Isolated Rat Hepatocytes: Effect of Vitamin E. <i>Pediatric Research</i> , 1989, 25, 55-62.	1.1	46
119	Vitamin E kinetics in smokers and nonsmokers. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1368-1374.	1.3	46
120	$\hat{\beta}$ -Tocopherol, the new vitamin E?. <i>American Journal of Clinical Nutrition</i> , 2003, 77, 530-531.	2.2	46
121	$\hat{\beta}$ -Carotene transport in human lipoproteins. Comparisons with $\alpha$ -tocopherol. <i>Lipids</i> , 1994, 29, 665-669.	0.7	45
122	Three non-allelic epistatically interacting methyltransferase mutations produce novel tocopherol (vitamin E) profiles in sunflower. <i>Theoretical and Applied Genetics</i> , 2006, 113, 767-782.	1.8	45
123	Metabolic syndrome increases dietary $\hat{\beta}$ -tocopherol requirements as assessed using urinary and plasma vitamin E catabolites: a double-blind, crossover clinical trial. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 571-579.	2.2	45
124	Chronic vitamin E deficiency impairs cognitive function in adult zebrafish via dysregulation of brain lipids and energy metabolism. <i>Free Radical Biology and Medicine</i> , 2017, 112, 308-317.	1.3	45
125	Dose-Dependent Pulmonary Toxicity of Aerosolized Vitamin E Acetate. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 748-757.	1.4	45
126	Vitamin E delivery to human skin: studies using deuterated $\hat{\beta}$ -tocopherol measured by APCI LC-MS. <i>Free Radical Biology and Medicine</i> , 2004, 36, 456-463.	1.3	44



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127	Macromolecular carbonyls in human stratum corneum: a biomarker for environmental oxidant exposure?. <i>FEBS Letters</i> , 1998, 422, 403-406.	1.3	43
128	Reliability and Validity of Food Frequency Questionnaire and Nutrient Biomarkers in Elders With and Without Mild Cognitive Impairment. <i>Alzheimer Disease and Associated Disorders</i> , 2011, 25, 49-57.	0.6	43
129	Quantitation of rat liver vitamin E metabolites by LC-MS during high-dose vitamin E administration. <i>Journal of Lipid Research</i> , 2005, 46, 1068-1075.	2.0	42
130	Sex differences in the inhibition of $\hat{1}^3$ -tocopherol metabolism by a single dose of dietary sesame oil in healthy subjects. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 1723-1729.	2.2	42
131	Effect of Supranutritional Organic Selenium Supplementation on Postpartum Blood Micronutrients, Antioxidants, Metabolites, and Inflammation Biomarkers in Selenium-Replete Dairy Cows. <i>Biological Trace Element Research</i> , 2014, 161, 272-287.	1.9	42
132	Investigation of drying conditions on bioactive compounds, lipid oxidation, and enzyme activity of Oregon hazelnuts ( <i>Corylus avellana</i> L.). <i>LWT - Food Science and Technology</i> , 2018, 90, 526-534.	2.5	42
133	Metal exposure and oxidative stress markers in pregnant Navajo Birth Cohort Study participants. <i>Free Radical Biology and Medicine</i> , 2018, 124, 484-492.	1.3	42
134	Alpha-tocopherol modulates genes involved in hepatic xenobiotic pathways in mice. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 469-476.	1.9	41
135	Vitamin E Deficiency Decreases Long-Chain PUFA in Zebrafish ( <i>Danio rerio</i> ). <i>Journal of Nutrition</i> , 2011, 141, 2113-2118.	1.3	41
136	Urinary $\hat{1}^{\pm}$ -carboxyethyl hydroxychroman can be used as a predictor of $\hat{1}^{\pm}$ -tocopherol adequacy, as demonstrated in the Energetics Study. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 801-809.	2.2	41
137	Receptor activities for low-density lipoprotein and acetylated low-density lipoprotein in a mouse macrophage cell line (IC21) and in human monocyte-derived macrophages.. <i>Journal of Experimental Medicine</i> , 1981, 154, 1852-1867.	4.2	40
138	Kinetic study of cutaneous and subcutaneous distribution following topical application of [7,8- $^{14}C$ ]rac- $\hat{1}^{\pm}$ -lipoic acid onto hairless mice. <i>Biochemical Pharmacology</i> , 1996, 52, 627-633.	2.0	40
139	The secretion of apolipoprotein E by human monocytederived macrophages. <i>Archives of Biochemistry and Biophysics</i> , 1985, 239, 388-395.	1.4	39
140	Apolipoprotein B Carbonyl Formation Is Enhanced by Lipid Peroxidation during Copper-Mediated Oxidation of Human Low-Density Lipoproteins. <i>Archives of Biochemistry and Biophysics</i> , 1997, 339, 165-171.	1.4	39
141	Enhanced inflammatory responses in $\hat{1}^{\pm}$ -tocopherol transfer protein null mice. <i>Archives of Biochemistry and Biophysics</i> , 2004, 423, 162-169.	1.4	39
142	Dietary zinc restriction in rats alters antioxidant status and increases plasma F2 isoprostanes. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 509-518.	1.9	39
143	The $\hat{1}^{\pm}$ -Tocopherol Transfer Protein Is Essential for Vertebrate Embryogenesis. <i>PLoS ONE</i> , 2012, 7, e47402.	1.1	39
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