

Peter K Eck

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8316618/peter-k-eck-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

2,805
citations

22
h-index

46
g-index

46
ext. papers

3,188
ext. citations

4.9
avg, IF

4.74
L-index

#	Paper	IF	Citations
44	Vitamin C as an antioxidant: evaluation of its role in disease prevention. <i>Journal of the American College of Nutrition</i> , 2003 , 22, 18-35	3.5	1082
43	Inhibition of the intestinal glucose transporter GLUT2 by flavonoids. <i>FASEB Journal</i> , 2007 , 21, 366-77	0.9	298
42	Flavonoid inhibition of sodium-dependent vitamin C transporter 1 (SVCT1) and glucose transporter isoform 2 (GLUT2), intestinal transporters for vitamin C and Glucose. <i>Journal of Biological Chemistry</i> , 2002 , 277, 15252-60	5.4	177
41	Synthesis, characterization, and biological evaluation of integrin alphavbeta3-targeted PAMAM dendrimers. <i>Molecular Pharmaceutics</i> , 2008 , 5, 527-39	5.6	117
40	Vitamin C transporter Slc23a1 links renal reabsorption, vitamin C tissue accumulation, and perinatal survival in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 1069-83	15.9	109
39	Dietary oils and FADS1-FADS2 genetic variants modulate [¹³ C]linolenic acid metabolism and plasma fatty acid composition. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 195-207	7	90
38	Intestinal dehydroascorbic acid (DHA) transport mediated by the facilitative sugar transporters, GLUT2 and GLUT8. <i>Journal of Biological Chemistry</i> , 2013 , 288, 9092-101	5.4	86
37	Dietary Vitamin C in Human Health. <i>Advances in Food and Nutrition Research</i> , 2018 , 83, 281-310	6	75
36	Bioactivities of fish protein hydrolysates from defatted salmon backbones. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2016 , 11, 99-109	5.3	74
35	6-Bromo-6-deoxy-L-ascorbic acid: an ascorbate analog specific for Na ⁺ -dependent vitamin C transporter but not glucose transporter pathways. <i>Journal of Biological Chemistry</i> , 2005 , 280, 5211-20	5.4	72
34	Genetic variation in the sodium-dependent vitamin C transporters, SLC23A1, and SLC23A2 and risk for preterm delivery. <i>American Journal of Epidemiology</i> , 2006 , 163, 245-54	3.8	63
33	Effects of genotype and temperature on accumulation of plant secondary metabolites in Canadian and Australian wheat grown under controlled environments. <i>Scientific Reports</i> , 2017 , 7, 9133	4.9	52
32	Comparison of the genomic structure and variation in the two human sodium-dependent vitamin C transporters, SLC23A1 and SLC23A2. <i>Human Genetics</i> , 2004 , 115, 285-94	6.3	52
31	Inhibition of Intestinal α -Glucosidase and Glucose Absorption by Feruloylated Arabinoxylan Mono- and Oligosaccharides from Corn Bran and Wheat Aleurone. <i>Journal of Nutrition and Metabolism</i> , 2016 , 2016, 1932532	2.7	37
30	High-Molecular-Weight α -Glucan Decreases Serum Cholesterol Differentially Based on the CYP7A1 rs3808607 Polymorphism in Mildly Hypercholesterolemic Adults. <i>Journal of Nutrition</i> , 2016 , 146, 720-7	4.1	35
29	Genetic variation in sodium-dependent vitamin C transporters SLC23A1 and SLC23A2 and risk of advanced colorectal adenoma. <i>Nutrition and Cancer</i> , 2008 , 60, 652-9	2.8	33
28	Toward preparation of antibody-based imaging probe libraries for dual-modality positron emission tomography and fluorescence imaging. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5176-81	3.4	30

27	Nutrigenetics of cholesterol metabolism: observational and dietary intervention studies in the postgenomic era. <i>Nutrition Reviews</i> , 2015 , 73, 523-43	6.4	29
26	Polymorphisms in the sodium-dependent ascorbate transporter gene SLC23A1 are associated with susceptibility to Crohn disease. <i>American Journal of Clinical Nutrition</i> , 2014 , 99, 378-83	7	29
25	CYP7A1-rs3808607 and APOE isoform associate with LDL cholesterol lowering after plant sterol consumption in a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 951-7	7	25
24	Interactions between dietary oil treatments and genetic variants modulate fatty acid ethanolamides in plasma and body weight composition. <i>British Journal of Nutrition</i> , 2016 , 115, 1012-23	3.6	23
23	Genetic Variation in Human Vitamin C Transporter Genes in Common Complex Diseases. <i>Advances in Nutrition</i> , 2016 , 7, 287-98	10	22
22	Lathosterol-to-cholesterol ratio in serum predicts cholesterol-lowering response to plant sterol consumption in a dual-center, randomized, single-blind placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 432-9	7	21
21	Characterization of the genomic structure of the human vitamin C transporter SVCT1 (SLC23A2). <i>Journal of Nutrition</i> , 2001 , 131, 2623-7	4.1	18
20	The gene, encoding the novel glucose/dehydroascorbate transporter GLUT14, is associated with inflammatory bowel disease. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 1508-1513	7	13
19	Effect of Daily Iron Supplementation in Healthy Exclusively Breastfed Infants: A Systematic Review with Meta-Analysis. <i>Breastfeeding Medicine</i> , 2017 , 12, 597-603	2.1	11
18	Genomic and functional analysis of the sodium-dependent vitamin C transporter SLC23A1-SVCT1. <i>Genes and Nutrition</i> , 2007 , 2, 143-5	4.3	11
17	Cholesterol ester transfer protein polymorphism rs5882 is associated with triglyceride-lowering in response to plant sterol consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 846-9	3	10
16	Reduction of Chlorophyll in Cold-Pressed Hemp (<i>Cannabis sativa</i>) Seed Oil by Ultrasonic Bleaching and Enhancement of Oxidative Stability. <i>European Journal of Lipid Science and Technology</i> , 2018 , 120, 1700349	3	10
15	Fatty acid ethanolamides modulate CD36-mRNA through dietary fatty acid manipulation in Syrian Golden hamsters. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 870-8	3	10
14	The human sodium-dependent ascorbic acid transporters SLC23A1 and SLC23A2 do not mediate ascorbic acid release in the proximal renal epithelial cell. <i>Physiological Reports</i> , 2013 , 1, e00136	2.6	10
13	Ideal vitamin C intake. <i>BioFactors</i> , 2001 , 15, 71-4	6.1	9
12	Identification of hydroxycinnamic acid derivatives of selected canadian and foreign commercial beer extracts and determination of their antioxidant properties. <i>LWT - Food Science and Technology</i> , 2020 , 122, 109021	5.4	9
11	Common Variants in Cholesterol Synthesis- and Transport-Related Genes Associate with Circulating Cholesterol Responses to Intakes of Conventional Dairy Products in Healthy Individuals. <i>Journal of Nutrition</i> , 2016 , 146, 1008-16	4.1	8
10	The combination of single nucleotide polymorphisms rs6720173 (ABCG5), rs3808607 (CYP7A1), and rs760241 (DHCR7) is associated with differing serum cholesterol responses to dairy consumption. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 1090-1093	3	8

9	Gene Expression Profiles Suggest Iron Transport Pathway in the Lactating Human Epithelial Cell. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017 , 64, 460-464	2.8	7
8	Single-nucleotide polymorphisms in SLC22A23 are associated with ulcerative colitis in a Canadian white cohort. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 289-94	7	7
7	The SLC2A14 gene: genomic locus, tissue expression, splice variants, and subcellular localization of the protein. <i>Biochemistry and Cell Biology</i> , 2016 , 94, 331-5	3.6	7
6	Inhibition of Intestinal Cellular Glucose Uptake by Phenolics Extracted from Whole Wheat Grown at Different Locations. <i>Journal of Nutrition and Metabolism</i> , 2018 , 2018, 5421714	2.7	6
5	Temporo-spatial microanatomical distribution of the murine sodium-dependent ascorbic acid transporters Slc23a1 and Slc23a2 in the kidney throughout development. <i>Biochemistry and Cell Biology</i> , 2017 , 95, 421-427	3.6	2
4	Induction of metallothionein by exposure to normobaric 100% oxygen atmosphere in rats with different zinc supply. <i>Journal of Trace Elements in Medicine and Biology</i> , 2001 , 15, 229-35	4.1	2
3	A combination of single nucleotide polymorphisms is associated with the interindividual variability in the blood lipid response to dietary fatty acid consumption in a randomized clinical trial. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 564-577	7	2
2	Nutrigenomics of vitamin C absorption and transport. <i>Current Opinion in Food Science</i> , 2018 , 20, 100-104 ^{9,8}		1
1	Variations in Solute Transporter Genes Affecting Micronutrient Solute Transport and Human Health 2013 , 25-82		