

Helga Refsum

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

4,807
citations

136950

32
h-index

95266

68
g-index

72
all docs

72
docs citations

72
times ranked

6447
citing authors

#	ARTICLE	IF	CITATIONS
1	The dihydrofolate reductase 19-bp deletion modifies the beneficial effect of B-vitamin therapy in mild cognitive impairment: pooled study of two randomized placebo-controlled trials. <i>Human Molecular Genetics</i> , 2022, 31, 1151-1158.	2.9	4
2	The association of serum sulfur amino acids and related metabolites with incident diabetes: a prospective cohort study. <i>European Journal of Nutrition</i> , 2022, 61, 3161-3173.	3.9	10
3	Branched-chain amino acid metabolism, insulin sensitivity and liver fat response to exercise training in sedentary dysglycaemic and normoglycaemic men. <i>Diabetologia</i> , 2021, 64, 410-423.	6.3	30
4	Plasma Sulfur Amino Acids and Risk of Cerebrovascular Diseases. <i>Stroke</i> , 2021, 52, 172-180.	2.0	5
5	Effects of short-term methionine and cysteine restriction and enrichment with polyunsaturated fatty acids on oral glucose tolerance, plasma amino acids, fatty acids, lactate and pyruvate: results from a pilot study. <i>BMC Research Notes</i> , 2021, 14, 43.	1.4	8
6	ω-3 fatty acids and their interactions. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 775-778.	4.7	5
7	Sulfur amino acid restriction, energy metabolism and obesity: a study protocol of an 8-week randomized controlled dietary intervention with whole foods and amino acid supplements. <i>Journal of Translational Medicine</i> , 2021, 19, 153.	4.4	12
8	Paraoxonase 1, B Vitamins Supplementation, and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1211-1229.	2.6	20
9	Extracellular cystine influences human preadipocyte differentiation and correlates with fat mass in healthy adults. <i>Amino Acids</i> , 2021, 53, 1623-1634.	2.7	8
10	Changes in plasma fatty acids and related biomarkers during transition to an exclusively plant- and fish-based diet in healthy adults. <i>Nutrition</i> , 2021, 90, 111306.	2.4	2
11	B Vitamins Prevent Iron-Associated Brain Atrophy and Domain-Specific Effects of Iron, Copper, Aluminum, and Silicon on Cognition in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1039-1055.	2.6	10
12	Glutathione Serum Levels and Rate of Multimorbidity Development in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1089-1094.	3.6	20
13	Creatinine, total cysteine and uric acid are associated with serum retinol in patients with cardiovascular disease. <i>European Journal of Nutrition</i> , 2020, 59, 2383-2393.	3.9	10
14	Exhaustive Exercise and Post-exercise Protein Plus Carbohydrate Supplementation Affect Plasma and Urine Concentrations of Sulfur Amino Acids, the Ratio of Methionine to Homocysteine and Glutathione in Elite Male Cyclists. <i>Frontiers in Physiology</i> , 2020, 11, 609335.	2.8	8
15	Postprandial effects of a meal low in sulfur amino acids and high in polyunsaturated fatty acids compared to a meal high in sulfur amino acids and saturated fatty acids on stearoyl CoA-desaturase indices and plasma sulfur amino acids: a pilot study. <i>BMC Research Notes</i> , 2020, 13, 379.	1.4	9
16	Association of Homocysteine, Methionine, and MTHFR 677C>T Polymorphism With Rate of Cardiovascular Multimorbidity Development in Older Adults in Sweden. <i>JAMA Network Open</i> , 2020, 3, e205316.	5.9	14
17	Body mass index determines the response of plasma sulfur amino acids to methionine loading. <i>Biochimie</i> , 2020, 173, 107-113.	2.6	7
18	Effects of dietary methionine and cysteine restriction on plasma biomarkers, serum fibroblast growth factor 21, and adipose tissue gene expression in women with overweight or obesity: a double-blind randomized controlled pilot study. <i>Journal of Translational Medicine</i> , 2020, 18, 122.	4.4	48

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19	Vitamin B12 concentrations in milk from Norwegian women during the six first months of lactation. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 749-756.	2.9	7
20	Association of Methionine to Homocysteine Status With Brain Magnetic Resonance Imaging Measures and Risk of Dementia. <i>JAMA Psychiatry</i> , 2019, 76, 1198.	11.0	36
21	Does Lifestyle Intervention After Gastric Bypass Surgery Prevent Weight Regain? A Randomized Clinical Trial. <i>Obesity Surgery</i> , 2019, 29, 3419-3431.	2.1	14
22	Circulating amino acids are associated with bone mineral density decline and ten-year major osteoporotic fracture risk in older community-dwelling adults. <i>Bone</i> , 2019, 129, 115082.	2.9	42
23	Dietary Supplements for Brain Health. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 2467.	7.4	0
24	Homocysteine Status Modifies the Treatment Effect of Omega-3 Fatty Acids on Cognition in a Randomized Clinical Trial in Mild to Moderate Alzheimer's Disease: The OmegAD Study. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 189-197.	2.6	44
25	Plasma Sulphur-Containing Amino Acids, Physical Exercise and Insulin Sensitivity in Overweight Dysglycemic and Normal Weight Normoglycemic Men. <i>Nutrients</i> , 2019, 11, 10.	4.1	44
26	The kynurenine pathway and cognitive performance in community-dwelling older adults. The Hordaland Health Study. <i>Brain, Behavior, and Immunity</i> , 2019, 75, 155-162.	4.1	46
27	Circulating Polyunsaturated Fatty Acids as Biomarkers for Dietary Intake across Subgroups: The CODAM and Hoorn Studies. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 117-125.	1.9	4
28	Homocysteine and Dementia: An International Consensus Statement. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 561-570.	2.6	242
29	Plasma amino acids, adiposity, and weight change after gastric bypass surgery: are amino acids associated with weight regain?. <i>European Journal of Nutrition</i> , 2018, 57, 2629-2637.	3.9	21
30	Combining Dietary Sulfur Amino Acid Restriction with Polyunsaturated Fatty Acid Intake in Humans: A Randomized Controlled Pilot Trial. <i>Nutrients</i> , 2018, 10, 1822.	4.1	38
31	Biomarkers of Nutrition for Development (BOND): Vitamin B-12 Review. <i>Journal of Nutrition</i> , 2018, 148, 1995S-2027S.	2.9	166
32	Protein intake in the early recovery period after exhaustive exercise improves performance the following day. <i>Journal of Applied Physiology</i> , 2018, 125, 1731-1742.	2.5	19
33	The risk association of plasma total homocysteine with acute myocardial infarction is modified by serum vitamin A. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1612-1620.	1.8	9
34	Vitamin B12. <i>Advances in Food and Nutrition Research</i> , 2018, 83, 215-279.	3.0	105
35	Food Overconsumption in Healthy Adults Triggers Early and Sustained Increases in Serum Branched-Chain Amino Acids and Changes in Cysteine Linked to Fat Gain. <i>Journal of Nutrition</i> , 2018, 148, 1073-1080.	2.9	18
36	Amino acid changes during transition to a vegan diet supplemented with fish in healthy humans. <i>European Journal of Nutrition</i> , 2017, 56, 1953-1962.	3.9	49

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37	Cysteine deprivation prevents induction of peroxisome proliferator-activated receptor gamma-2 and adipose differentiation of 3T3-L1 cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 623-635.	2.4	18
38	Folic Acid for the Prevention of Neural Tube Defects. <i>JAMA Pediatrics</i> , 2017, 171, 710.	6.2	2
39	Kynurenine Pathway Metabolites in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 495-504.	2.6	99
40	Cardiovascular disease risk associated with serum apolipoprotein B is modified by serum vitamin A. <i>Atherosclerosis</i> , 2017, 265, 325-330.	0.8	12
41	Maternal Folate Intake during Pregnancy and Childhood Asthma in a Population-based Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 221-228.	5.6	44
42	Supplementation of vitamin B12 or folic acid on hemoglobin concentration in children 6-36 months of age: A randomized placebo controlled trial. <i>Clinical Nutrition</i> , 2017, 36, 986-991.	5.0	8
43	Circulating linoleic acid and alpha-linolenic acid and glucose metabolism: the Hoorn Study. <i>European Journal of Nutrition</i> , 2017, 56, 2171-2180.	3.9	18
44	Elevated homocysteine and N-methyl-d-aspartate-receptor antibodies as a cause of behavioural and cognitive decline in 22q11.2 deletion syndrome. <i>Oxford Medical Case Reports</i> , 2017, 2017, omx076.	0.4	4
45	The relation of CLIN-BAE index and BMI with body fat, cardiovascular events and diabetes during a 6-year follow-up: the Hordaland Health Study. <i>Clinical Epidemiology</i> , 2017, Volume 9, 555-566.	3.0	23
46	Uptake and release of amino acids in the fetal-placental unit in human pregnancies. <i>PLoS ONE</i> , 2017, 12, e0185760.	2.5	42
47	Association of Vitamin B ₁₂ , Folate, and Sulfur Amino Acids With Brain Magnetic Resonance Imaging Measures in Older Adults. <i>JAMA Psychiatry</i> , 2016, 73, 606.	11.0	78
48	Evidence-based prevention and treatment of dementia. <i>Lancet Neurology</i> , The, 2016, 15, 1005-1006.	10.2	0
49	Homocysteine, B Vitamins, and Cognitive Impairment. <i>Annual Review of Nutrition</i> , 2016, 36, 211-239.	10.1	361
50	Omega-3 Fatty Acid Status Enhances the Prevention of Cognitive Decline by Vitamins in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 547-557.	2.6	117
51	Decision on folic acid fortification in Europe must consider both risks and benefits. <i>BMJ</i> , The, 2016, 352, i734.	6.0	12
52	Exploring the Lean Phenotype of Glutathione-Depleted Mice: Thiol, Amino Acid and Fatty Acid Profiles. <i>PLoS ONE</i> , 2016, 11, e0163214.	2.5	15
53	Vitamin B12 and Folic Acid Improve Gross Motor and Problem-Solving Skills in Young North Indian Children: A Randomized Placebo-Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0129915.	2.5	56
54	Homocysteine lowering, B vitamins, and cognitive aging. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 415-416.	4.7	17

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55	Brain atrophy in cognitively impaired elderly: the importance of long-chain Ï‰-3 fatty acids and B vitamin status in a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 215-221.	4.7	150
56	Vitamin B-12, Folic Acid, and Growth in 6- to 30-Month-Old Children: A Randomized Controlled Trial. <i>Pediatrics</i> , 2015, 135, e918-e926.	2.1	48
57	Omega-3 Fatty Acids Modify Treatment Effect of High-Dose B Vitamins in Cognitively Impaired Elderly. <i>FASEB Journal</i> , 2015, 29, 401.1.	0.5	0
58	Maternal homocysteine in pregnancy and offspring birthweight: epidemiological associations and Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2014, 43, 1487-1497.	1.9	71
59	Interactions between plasma concentrations of folate and markers of vitamin B ₁₂ status with cognitive performance in elderly people not exposed to folic acid fortification: the Hordaland Health Study. <i>British Journal of Nutrition</i> , 2014, 111, 1085-1095.	2.3	41
60	Cobalamin and Folate Status in 6 to 35 Months Old Children Presenting with Acute Diarrhea in Bhaktapur, Nepal. <i>PLoS ONE</i> , 2014, 9, e90079.	2.5	25
61	Associations between plasma polyunsaturated fatty acids, plasma stearoyl-CoA desaturase indices and body fat. <i>Obesity</i> , 2013, 21, E512-9.	3.0	15
62	Plasma stearoyl-CoA desaturase indices: Association with lifestyle, diet, and body composition. <i>Obesity</i> , 2013, 21, E294-302.	3.0	47
63	Plasma free choline, betaine and cognitive performance: the Hordaland Health Study. <i>British Journal of Nutrition</i> , 2013, 109, 511-519.	2.3	46
64	Cysteine and obesity. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 49-57.	2.5	86
65	The Association of Cysteine with Obesity, Inflammatory Cytokines and Insulin Resistance in Hispanic Children and Adolescents. <i>PLoS ONE</i> , 2012, 7, e44166.	2.5	60
66	The vitamin D receptor gene is associated with Alzheimer's disease. <i>Neuroscience Letters</i> , 2011, 504, 79-82.	2.1	76
67	Homocysteine-Lowering by B Vitamins Slows the Rate of Accelerated Brain Atrophy in Mild Cognitive Impairment: A Randomized Controlled Trial. <i>PLoS ONE</i> , 2010, 5, e12244.	2.5	612
68	Mortality and Cardiovascular Events in Patients Treated With Homocysteine-Lowering B Vitamins After Coronary Angiography. <i>JAMA - Journal of the American Medical Association</i> , 2008, 300, 795.	7.4	366
69	Holo-transcobalamin and Total Transcobalamin in Human Plasma: Determination, Determinants, and Reference Values in Healthy Adults. <i>Clinical Chemistry</i> , 2006, 52, 129-137.	3.2	71
70	Facts and Recommendations about Total Homocysteine Determinations: An Expert Opinion. <i>Clinical Chemistry</i> , 2004, 50, 3-32.	3.2	913
71	Screening for Serum Total Homocysteine in Newborn Children. <i>Clinical Chemistry</i> , 2004, 50, 1769-1784.	3.2	83
72	Birth prevalence of homocystinuria. <i>Journal of Pediatrics</i> , 2004, 144, 830-832.	1.8	37