# Tarja Nurmi

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12048372/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 57 papers | 3,696 citations | 126858 33 h-index | 143943 57 g-index |
| 57 all docs | 57 docs citations | 57 times ranked | 4950 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In Vitro Metabolism of Plant Lignans:Â New Precursors of Mammalian Lignans Enterolactone and Enterodiol. Journal of Agricultural and Food Chemistry, 2001, 49, 3178-3186. | 2.4 | 446 |
| 2 | Carotenoids and cardiovascular health. American Journal of Clinical Nutrition, 2006, 83, 1265-1271. | 2.2 | 378 |
| 3 | Dark Chocolate Consumption Increases HDL Cholesterol Concentration and Chocolate Fatty Acids May Inhibit Lipid Peroxidation in Healthy Humans. Free Radical Biology and Medicine, 2004, 37, 1351-1359. | 1.3 | 225 |
| 4 | Omega-6 fatty acid biomarkers and incident type 2 diabetes: pooled analysis of individual-level data for 39â€˜740 adults from 20 prospective cohort studies. Lancet Diabetes and Endocrinology,the, 2017, 5, 965-974. | 5.5 | 213 |
| 5 | Flavonoid intake and the risk of ischaemic stroke and CVD mortality in middle-aged Finnish men: the Kuopio Ischaemic Heart Disease Risk Factor Study. British Journal of Nutrition, 2008, 100, 890-895. | 1.2 | 161 |
| 6 | Metabolism of Berry Anthocyanins to Phenolic Acids in Humans. Journal of Agricultural and Food Chemistry, 2009, 57, 2274-2281. | 2.4 | 132 |
| 7 | Phyto-oestrogen database of foods and average intake in Finland. British Journal of Nutrition, 2003, 89, S31-S38. | 1.2 | 127 |
| 8 | Changes in the Time-Resolved Fluoroimmunoassay of Plasma Enterolactone. Analytical Biochemistry, 2000, 284, 153-157. | 1.1 | 91 |
| 9 | Sensitive High-Performance Liquid Chromatographic Method for Profiling Phytoestrogens Using Coulometric Electrode Array Detection: Application to Plasma Analysis. Analytical Biochemistry, 1999, 274, 110-117. | 1.1 | 90 |
| 10 | Primary Vitamin D Target Genes Allow a Categorization of Possible Benefits of Vitamin D3 Supplementation. PLoS ONE, 2013, 8, e71042. | 1.1 | 87 |
| 11 | Association of serum 25-hydroxyvitamin D with the risk of death in a general older population in Finland. European Journal of Nutrition, 2011, 50, 305-312. | 1.8 | 79 |
| 12 | Association between low serum enterolactone and increased plasma F2-isoprostanes, a measure of lipid peroxidation. Atherosclerosis, 2002, 160, 465-469. | 0.4 | 76 |
| 13 | Intake of flavonoids and risk of cancer in Finnish men: The Kuopio Ischaemic Heart Disease Risk Factor Study. International Journal of Cancer, 2008, 123, 660-663. | 2.3 | 75 |
| 14 | Simultaneous measurement of retinol, Î±-tocopherol and six carotenoids in human plasma by using an isocratic reversed-phase HPLC method. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 867, 226-232. | 1.2 | 72 |
| 15 | Serum nâ€“6 polyunsaturated fatty acids, Î”5- and Î”6-desaturase activities, and risk of incident type 2 diabetes in men: the Kuopio Ischaemic Heart Disease Risk Factor Study. American Journal of Clinical Nutrition, 2016, 103, 1337-1343. | 2.2 | 69 |
| 16 | Association of serum 25â€hydroxyvitamin D with type 2 diabetes and markers of insulin resistance in a general older population in Finland. Diabetes/Metabolism Research and Reviews, 2012, 28, 418-423. | 1.7 | 64 |
| 17 | Relevance of Vitamin D Receptor Target Genes for Monitoring the Vitamin D Responsiveness of Primary Human Cells. PLoS ONE, 2015, 10, e0124339. | 1.1 | 64 |
| 18 | Rye Bread in the Diet of Pigs Enhances the Formation of Enterolactone and Increases Its Levels in Plasma, Urine and Feces. Journal of Nutrition, 2003, 133, 1368-1375. | 1.3 | 61 |

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|---|---|---|---|
| 19 | Determination of lignans in human plasma by liquid chromatography with coulometric electrode array detection. Analytical Biochemistry, 2004, 332, 384-393. | 1.1 | 60 |
| 20 | In vivo response of the human epigenome to vitamin D: A Proof-of-principle study. Journal of Steroid Biochemistry and Molecular Biology, 2018, 180, 142-148. | 1.2 | 59 |
| 21 | Lignans in selected wines. Food Chemistry, 2003, 83, 303-309. | 4.2 | 58 |
| 22 | The effects of coffee consumption on lipid peroxidation and plasma total homocysteine concentrations: a clinical trial. Free Radical Biology and Medicine, 2005, 38, 527-534. | 1.3 | 55 |
| 23 | In vivo transcriptome changes of human white blood cells in response to vitamin D. Journal of Steroid Biochemistry and Molecular Biology, 2019, 188, 71-76. | 1.2 | 53 |
| 24 | Liquid chromatography method for plant and mammalian lignans in human urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 798, 101-110. | 1.2 | 52 |
| 25 | Plant Lignans in Soy-Based Health Supplements. Journal of Agricultural and Food Chemistry, 2004, 52, 4133-4138. | 2.4 | 46 |
| 26 | Vitamin D supplementation and prevention of cardiovascular disease and cancer in the Finnish Vitamin D Trial: a randomized controlled trial. American Journal of Clinical Nutrition, 2022, 115, 1300-1310. | 2.2 | 45 |
| 27 | Dissecting high from low responders in a vitamin D3 intervention study. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 275-282. | 1.2 | 44 |
| 28 | Molecular evaluation of vitamin D responsiveness of healthy young adults. Journal of Steroid Biochemistry and Molecular Biology, 2017, 174, 314-321. | 1.2 | 43 |
| 29 | The intake of flavonoids and carotid atherosclerosis: the Kuopio Ischaemic Heart Disease Risk Factor Study. British Journal of Nutrition, 2007, 98, 814-8. | 1.2 | 41 |
| 30 | Changes in vitamin D target gene expression in adipose tissue monitor the vitamin D response of human individuals. Molecular Nutrition and Food Research, 2014, 58, 2036-2045. | 1.5 | 41 |
| 31 | Dietary intake and urinary excretion of lignans in Finnish men. British Journal of Nutrition, 2010, 103, 677-685. | 1.2 | 39 |
| 32 | Tamoxifen and Flaxseed Alter Angiogenesis Regulators in Normal Human Breast Tissue In Vivo. PLoS ONE, 2011, 6, e25720. | 1.1 | 34 |
| 33 | Lycopene, lutein and Î²-carotene as determinants of LDL conjugated dienes in serum. Atherosclerosis, 2010, 209, 565-572. | 0.4 | 33 |
| 34 | A Single Dose of Enterolactone Activates Estrogen Signaling and Regulates Expression of Circadian Clock Genes in Mice. Journal of Nutrition, 2011, 141, 1583-1589. | 1.3 | 33 |
| 35 | Primary vitamin D receptor target genes as biomarkers for the vitamin D3 status in the hematopoietic system. Journal of Nutritional Biochemistry, 2014, 25, 875-884. | 1.9 | 32 |
| 36 | Serum Lycopene and the Risk of Cancer: The Kuopio Ischaemic Heart Disease Risk Factor (KIHD) Study. Annals of Epidemiology, 2009, 19, 512-518. | 0.9 | 31 |

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|---|---|---|---|
| 37 | Glucose Metabolism Effects of Vitamin D in Prediabetes: The VitDmet Randomized Placebo-Controlled Supplementation Study. Journal of Diabetes Research, 2015, 2015, 1-8. | 1.0 | 31 |
| 38 | Dietary sources of lignans and isoflavones modulate responses to estradiol in estrogen reporter mice. Molecular Nutrition and Food Research, 2009, 53, 996-1006. | 1.5 | 30 |
| 39 | Application of coulometric electrode array detection to the analysis of isoflavonoids and lignans. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 1497-1507. | 1.4 | 27 |
| 40 | Lignan Precursors From Flaxseed or Rye Bran Do Not Protect Against the Development of Intestinal Neoplasia in ApcMin Mice. Nutrition and Cancer, 2003, 45, 203-210. | 0.9 | 26 |
| 41 | Processing of rye bran influences both the fermentation of dietary fibre and the bioconversion of lignans by human faecal florain vitro. Journal of the Science of Food and Agriculture, 2005, 85, 2085-2093. | 1.7 | 25 |
| 42 | Ingestion of Oregano Extract Increases Excretion of Urinary Phenolic Metabolites in Humans. Journal of Agricultural and Food Chemistry, 2006, 54, 6916-6923. | 2.4 | 25 |
| 43 | Enterolactone Induces Heme Oxygenase-1 Expression through Nuclear Factor-E2-Related Factor 2 Activation in Endothelial Cells. Journal of Nutrition, 2008, 138, 1263-1268. | 1.3 | 24 |
| 44 | Serum 25-hydroxyvitamin D<sub>3</sub>and the risk of pneumonia in an ageing general population. Journal of Epidemiology and Community Health, 2013, 67, 533-536. | 2.0 | 24 |
| 45 | High-performance liquid chromatography and coulometric electrode array detector in serum 25-hydroxyvitamin D3 and 25-hydroxyvitamin D2 analyses. Analytical Biochemistry, 2013, 435, 1-9. | 1.1 | 23 |
| 46 | Association of follicle-stimulating hormone levels and risk of type 2 diabetes in older postmenopausal women. Menopause, 2017, 24, 796-802. | 0.8 | 21 |
| 47 | Low serum 25-hydroxyvitamin D is associated with higher risk of frequent headache in middle-aged and older men. Scientific Reports, 2017, 7, 39697. | 1.6 | 17 |
| 48 | Metabolic Profiling of High Egg Consumption and the Associated Lower Risk of Type 2 Diabetes in Middleâ€Aged Finnish Men. Molecular Nutrition and Food Research, 2018, 63, 1800605. | 1.5 | 17 |
| 49 | NMR protocol for determination of oxidation susceptibility of serum lipids and application of the protocol to a chocolate study. Metabolomics, 2012, 8, 386-398. | 1.4 | 16 |
| 50 | Polyphenol-Rich Phloem Enhances the Resistance of Total Serum Lipids to Oxidation in Men. Journal of Agricultural and Food Chemistry, 2005, 53, 3017-3022. | 2.4 | 15 |
| 51 | Flaxseed Ingestion Alters Ratio of Enterolactone Enantiomers in Human Serum. Journal of Nutrition and Metabolism, 2010, 2010, 1-5. | 0.7 | 13 |
| 52 | Follicle-Stimulating Hormone Levels and Subclinical Atherosclerosis in Older Postmenopausal Women. American Journal of Epidemiology, 2018, 187, 16-26. | 1.6 | 13 |
| 53 | The association between serum 25-hydroxyvitamin D3 concentration and risk of disease death in men: modification by magnesium intake. European Journal of Epidemiology, 2015, 30, 343-347. | 2.5 | 12 |
| 54 | Consumption of Juice Fortified with Oregano Extract Markedly Increases Excretion of Phenolic Acids but Lacks Short- and Long-Term Effects on Lipid Peroxidation in Healthy Nonsmoking Men. Journal of Agricultural and Food Chemistry, 2006, 54, 5790-5796. | 2.4 | 11 |

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|---|---|---|---|
| 55 | From pure compounds to complex exposure: Effects of dietary cadmium and lignans on estrogen, epidermal growth factor receptor, and mitogen activated protein kinase signaling in vivo. Toxicology Letters, 2016, 253, 27-35. | 0.4 | 6 |
| 56 | Serum dihomo-Î³-linolenic acid level is inversely associated with the risk of depression. A 21-year follow-up study in general population men. Journal of Affective Disorders, 2017, 213, 151-155. | 2.0 | 6 |
| 57 | How competing risks affect the epidemiological relationship between vitamin D and prostate cancer incidence? A populationâ€based study. Andrologia, 2022, 54, e14410. | 1.0 | 5 |