

# Current and Relevant Publications on Vitamins, Carotenoids and Other Health Ingredients

## Update May 2008

Diese Auswahl an Publikationen aus dem Bereich der Vitamine, Mineralstoffe und sekundären Pflanzenstoffe wird von der GVF getroffen und erhebt keinen Anspruch auf Vollständigkeit.

### Antioxidants

[Cigarette smoking and cancer: intensity patterns in the alpha-tocopherol, beta-carotene cancer prevention study in Finnish men.](#)

Lubin JH, Virtamo J, Weinstein SJ, Albanes D.

Am J Epidemiol. 2008 Apr 15;167(8):970-5. Epub 2008 Feb 3.

[Status of lipid peroxidation, glutathione, ascorbic acid, vitamin E and antioxidant enzymes in patients with pregnancy--induced hypertension.](#)

Krishna Mohan S, Venkataramana G.

Indian J Physiol Pharmacol. 2007 Jul-Sep;51(3):284-8.

[Decrease in oxidative stress through supplementation of vitamins C and E is associated with a reduction in blood pressure in patients with essential hypertension.](#)

Rodrigo R, Prat H, Passalacqua W, Araya J, Bächler JP.

Clin Sci (Lond). 2008 May;114(10):625-34.

[Selected antioxidants and risk of hormone receptor-defined invasive breast cancers among postmenopausal women in the Women's Health Initiative Observational Study.](#)

Cui Y, Shikany JM, Liu S, Shagufta Y, Rohan TE.

Am J Clin Nutr. 2008 Apr;87(4):1009-18.

### Vitamin A

[Retinol, retinol-binding protein 4, abdominal fat mass, peak bone mineral density, and markers of bone metabolism in men: the Northern Osteoporosis and Obesity \(NO2\) Study.](#)

Högström M, Nordström A, Nordström P.

Eur J Endocrinol. 2008 May;158(5):765-70.

[Maternal dietary intake of vitamin A and risk of orofacial clefts: a population-based case-control study in Norway.](#)

Johansen AM, Lie RT, Wilcox AJ, Andersen LF, Drevon CA.

Am J Epidemiol. 2008 May 15;167(10):1164-70. Epub 2008 Mar 14.

[Vitamin A deficiency and child feeding in Beijing and Guizhou, China.](#)

Jiang JX, Lin LM, Lian GL, Greiner T.  
World J Pediatr. 2008 Feb;4(1):20-5.

[Kinetic analysis shows that vitamin A disposal rate in humans is positively correlated with vitamin A stores.](#)

Cifelli CJ, Green JB, Wang Z, Yin S, Russell RM, Tang G, Green MH.  
J Nutr. 2008 May;138(5):971-7.

[An error in the US Department of Agriculture nutrient database results in vitamin A values that are 6 times too high.](#)

Drake VJ, Frei B, Bouley LM.  
Am J Clin Nutr. 2008 Apr;87(4):1067-8; author reply 1068-9. No abstract available.

[Vitamin A and sleep regulation.](#)

Sei H.  
J Med Invest. 2008 Feb;55(1-2):1-8. Review.

## B-Vitamins

[Homocysteine toxicity in connective tissue: theories, old and new.](#)

Toohey JL.  
Connect Tissue Res. 2008;49(2):57-61. Review.

[Folate, vitamin B6, vitamin B12, and methionine intakes and risk of stroke subtypes in male smokers.](#)

Larsson SC, Männistö S, Virtanen MJ, Kontto J, Albanes D, Virtamo J.  
Am J Epidemiol. 2008 Apr 15;167(8):954-61. Epub 2008 Feb 12.

[Circulating concentrations of folate and vitamin B12 in relation to prostate cancer risk: results from the European Prospective Investigation into Cancer and Nutrition study.](#)

Johansson M, Appleby PN, Allen NE, Travis RC, Roddam AW, Egevad L, Jenab M, Rinaldi S, Kiemenev LA, Bueno-de-Mesquita HB, Vollset SE, Ueland PM, Sánchez MJ, Quirós JR, González CA, Larrañaga N, Chirlaque MD, Ardanaz E, Sieri S, Palli D, Vineis P, Tumino R, Linseisen J, Kaaks R, Boeing H, Pischon T, Psaltopoulou T, Trichopoulou A, Trichopoulos D, Khaw KT, Bingham S, Hallmans G, Riboli E, Stattin P, Key TJ.  
Cancer Epidemiol Biomarkers Prev. 2008 Feb;17(2):279-85.

[Low vitamin B6 and folic acid levels are associated with retinal vein occlusion independently of homocysteine levels.](#)

Sofi F, Marcucci R, Bolli P, Giambene B, Sodi A, Fedi S, Menchini U, Gensini GF, Abbate R, Prisco D.  
Atherosclerosis. 2008 May;198(1):223-7. Epub 2007 Oct 22.

[Effect of folic acid and B vitamins on risk of cardiovascular events and total mortality among women at high risk for cardiovascular disease: a randomized trial.](#)

Albert CM, Cook NR, Gaziano JM, Zaharris E, MacFadyen J, Danielson E, Buring JE, Manson JE.  
JAMA. 2008 May 7;299(17):2027-36.

[Genomic DNA hypomethylation as a biomarker for bladder cancer susceptibility in the Spanish Bladder Cancer Study: a case-control study.](#)

Moore LE, Pfeiffer RM, Poscablo C, Real FX, Kogevinas M, Silverman D, García-Closas R, Chanock S, Tardón A, Serra C, Carrato A, Dosemeci M, García-Closas M, Esteller M, Fraga M, Rothman N, Malats N.  
Lancet Oncol. 2008 Apr;9(4):359-66. Epub 2008 Mar 12.

[Elevated plasma homocysteine and low vitamin B-6 status in nonsupplementing older women with rheumatoid arthritis.](#)

Woolf K, Manore MM.  
J Am Diet Assoc. 2008 Mar;108(3):443-53; discussion 454.

[Folate and vitamin B12 levels in abnormal pap smears: a case control study.](#)

Yüksel H, Odabasi AR, Cetin G, Eben M, Nergiz S, Onur E.  
Eur J Gynaecol Oncol. 2007;28(6):526-30.

[Nutritional and genetic determinants of vitamin B and homocysteine metabolisms in neural tube defects: a multicenter case-control study.](#)

Candito M, Rivet R, Herbeth B, Boisson C, Rudigoz RC, Luton D, Journel H, Oury JF, Roux F, Saura R, Vernhet I, Gaucherand P, Muller F, Guidicelli B, Heckenroth H, Poulain P, Blayau M, Francannet C, Roszyk L, Brustié C, Staccini P, Gérard P, Fillion-Emerly N, Guéant-Rodriguez RM, Van Obberghen E, Guéant JL.  
Am J Med Genet A. 2008 May 1;146A(9):1128-33.

## Vitamin B<sub>12</sub>

[\[Pernicious anemia: a teenager with an unusual cause of iron-deficiency anemia\]](#)

Guilloteau M, Bertrand Y, Lachaux A, Mialou V, Le Gall C, Girard S.  
Gastroenterol Clin Biol. 2007 Dec;31(12):1155-6. French.

[Methylmalonic acid values in healthy Dutch children.](#)

Hogeveen M, van Beynum I, van Rooij A, Kluijtmans L, den Heijer M, Blom H.  
Eur J Nutr. 2008 Feb;47(1):26-31. Epub 2007 Dec 18.

## Folic acid

### [Mitochondrial diseases associated with cerebral folate deficiency.](#)

Garcia-Cazorla A, Quadros EV, Nascimento A, Garcia-Silva MT, Briones P, Montoya J, Ormazábal A, Artuch R, Sequeira JM, Blau N, Arenas J, Pineda M, Ramaekers VT.

Neurology. 2008 Apr 15;70(16):1360-2. No abstract available.

### [Measurement of folate in fresh and archival serum samples as p-aminobenzoylglutamate equivalents.](#)

Hannisdal R, Svoldal A, Ueland PM.

Clin Chem. 2008 Apr;54(4):665-72. Epub 2008 Feb 15.

### [DNA variants in the dihydrofolate reductase gene and outcome in childhood ALL.](#)

Dulucq S, St-Onge G, Gagné V, Ansari M, Sinnott D, Labuda D, Moghrabi A, Krajcinovic M.

Blood. 2008 Apr 1;111(7):3692-700. Epub 2007 Dec 20.

### [The association of gastric cancer risk with plasma folate, cobalamin, and methylenetetrahydrofolate reductase polymorphisms in the European Prospective Investigation into Cancer and Nutrition.](#)

Vollset SE, Iglund J, Jenab M, Fredriksen A, Meyer K, Eussen S, Gjessing HK, Ueland PM, Pera G, Sala N, Agudo A, Capella G, Del Giudice G, Palli D, Boeing H, Weikert C, Bueno-de-Mesquita HB, Carneiro F, Pala V, Vineis P, Tumino R, Panico S, Berglund G, Manjer J, Stenling R, Hallmans G, Martínez C, Dorronsoro M, Barricarte A, Navarro C, Quirós JR, Allen N, Key TJ, Bingham S, Linseisen J, Kaaks R, Overvad K, Tjønneland A, Büchner FL, Peeters PH, Numans ME, Clavel-Chapelon F, Boutron-Ruault MC, Trichopoulou A, Lund E, Slimani N, Ferrari P, Riboli E, González CA.

Cancer Epidemiol Biomarkers Prev. 2007 Nov;16(11):2416-24.

### [The effects of prenatal use of folic acid and other dietary supplements on early child development.](#)

Wehby GL, Murray JC.

Matern Child Health J. 2008 Mar;12(2):180-7. Epub 2007 Jun 7.

### [Folate status and S-adenosylmethionine/S-adenosylhomocysteine ratio in colorectal adenocarcinoma in humans.](#)

Alonso-Aperte E, González MP, Póo-Prieto R, Varela-Moreiras G.

Eur J Clin Nutr. 2008 Feb;62(2):295-8. Epub 2007 Mar 21.

### [Characterization and comparative studies of zebrafish and human recombinant dihydrofolate reductases--inhibition by folic acid and polyphenols.](#)

Kao TT, Wang KC, Chang WN, Lin CY, Chen BH, Wu HL, Shi GY, Tsai JN, Fu TF.

Drug Metab Dispos. 2008 Mar;36(3):508-16. Epub 2007 Dec 3.

[Impact of folic acid food fortification on the birth prevalence of lipomyelomeningocele in Canada.](#)

De Wals P, Van Allen MI, Lowry RB, Evans JA, Van den Hof MC, Crowley M, Tairou F, Uh SH, Sibbald B, Zimmer P, Fernandez B, Lee NS, Niyonsenga T. Birth Defects Res A Clin Mol Teratol. 2008 Feb;82(2):106-9.

[Plasma folate and risk of colorectal cancer in a nested case-control study: the Japan Public Health Center-based prospective study.](#)

Otani T, Iwasaki M, Sasazuki S, Inoue M, Tsugane S; Japan Public Health Center-based Prospective Study Group. Cancer Causes Control. 2008 Feb;19(1):67-74. Epub 2007 Oct 18.

## Niacin

[Preferential increase in high-molecular weight adiponectin after niacin.](#)

Westphal S, Luley C. Atherosclerosis. 2008 May;198(1):179-83. Epub 2007 Nov 8.

[Nicotinic acid: an old drug with a promising future.](#)

Bodor ET, Offermanns S. Br J Pharmacol. 2008 Mar;153 Suppl S68-75. Epub 2007 Nov 26. Review.

## Vitamin C

[Effect of a novel ascorbic derivative, disodium isostearyl 2-O-L-ascorbyl phosphate on human dermal fibroblasts: increased collagen synthesis and inhibition of MMP-1.](#)

Shibayama H, Hisama M, Matsuda S, Ohtsuki M, Iwaki M. Biol Pharm Bull. 2008 Apr;31(4):563-8.

[Ascorbate and dehydroascorbic acid as reliable biomarkers of oxidative stress: analytical reproducibility and long-term stability of plasma samples subjected to acidic deproteinization.](#)

Lykkesfeldt J. Cancer Epidemiol Biomarkers Prev. 2007 Nov;16(11):2513-6.

[Effect of vitamin C on blood glucose, serum lipids & serum insulin in type 2 diabetes patients.](#)

Afkhami-Ardekani M, Shojaoddiny-Ardekani A. Indian J Med Res. 2007 Nov;126(5):471-4.

[High prevalence of ascorbate deficiency in an Australian peritoneal dialysis population.](#)

Singer R, Rhodes HC, Chin G, Kulkarni H, Ferrari P. Nephrology (Carlton). 2008 Feb;13(1):17-22.

[Lipid peroxidation in hemodialysis patients: effect of vitamin C supplementation.](#)

Ferretti G, Bacchetti T, Masciangelo S, Pallotta G.  
Clin Biochem. 2008 Apr;41(6):381-6. Epub 2007 Dec 27.

[Sodium ascorbate improves yield of urinary steroids during hydrolysis with Helix pomatia juice.](#)

Christakoudi S, Cowan DA, Taylor NF.  
Steroids. 2008 Mar;73(3):309-19. Epub 2007 Nov 22.

## Vitamin D

[Fecal elastase 1 and vitamin D3 in patients with osteoporotic bone fractures.](#)

Mann ST, Mann V, Stracke H, Lange U, Klör HU, Hardt P, Teichmann J.  
Eur J Med Res. 2008 Feb 25;13(2):68-72.

[Sunlight, the vitamin D endocrine system, and their relationships with gynaecologic cancer.](#)

Pérez-López FR.  
Maturitas. 2008 Feb 20;59(2):101-13. Epub 2008 Mar 4. Review.

[Nutrition and bone health projects funded by the UK Food Standards Agency: have they helped to inform public health policy?](#)

Ashwell M, Stone E, Mathers J, Barnes S, Compston J, Francis RM, Key T, Cashman KD, Cooper C, Khaw KT, Lanham-New S, Macdonald H, Prentice A, Shearer M, Stephen A.  
Br J Nutr. 2008 Jan;99(1):198-205.

[Is there convincing biological or behavioral evidence linking vitamin D deficiency to brain dysfunction?](#)

McCann JC, Ames BN.  
FASEB J. 2008 Apr;22(4):982-1001. Epub 2007 Dec 4. Review.

[What do we currently know about nutrition and bone health in relation to United Kingdom public health policy with particular reference to calcium and vitamin D?](#)

Francis RM.  
Br J Nutr. 2008 Jan;99(1):155-9. Epub 2007 Jul 19.

[1,25\(OH\)<sub>2</sub>-vitamin D<sub>3</sub> inhibits proliferation and decreases production of monocyte chemoattractant protein-1, thrombopoietin, VEGF, and angiogenin by human annulus cells in vitro.](#)

Gruber HE, Hoelscher G, Ingram JA, Chow Y, Loeffler B, Hanley EN Jr.  
Spine. 2008 Apr 1;33(7):755-65.

[Relationship between serum 1,25-dihydroxyvitamin D and mortality in patients with pre-dialysis chronic kidney disease.](#)

Inaguma D, Nagaya H, Hara K, Tatematsu M, Shinjo H, Suzuki S, Mishima T, Kurata K.

Clin Exp Nephrol. 2008 Apr;12(2):126-31. Epub 2008 Jan 9.

[Vitamin D and calcium dyshomeostasis-associated heart failure.](#)

Weber KT, Simpson RU, Carbone LD.

Heart. 2008 May;94(5):540-1. No abstract available.

[Sunlight exposure assessment: can we accurately assess vitamin D exposure from sunlight questionnaires?](#)

McCarty CA.

Am J Clin Nutr. 2008 Apr;87(4):1097S-101S. Review.

[Vitamin D assessment in population-based studies: a review of the issues.](#)

Millen AE, Bodnar LM.

Am J Clin Nutr. 2008 Apr;87(4):1102S-5S. Review.

[Vitamin D in foods: development of the US Department of Agriculture database.](#)

Holden JM, Lemar LE, Exler J.

Am J Clin Nutr. 2008 Apr;87(4):1092S-6S. Review.

[Blood biomarkers of vitamin D status.](#)

Zerwekh JE.

Am J Clin Nutr. 2008 Apr;87(4):1087S-91S. Review.

[Vitamin D deficiency: a worldwide problem with health consequences.](#)

Holick MF, Chen TC.

Am J Clin Nutr. 2008 Apr;87(4):1080S-6S. Review.

[Assessment of vitamin D in population-based studies. Preface.](#)

Millen AE, Bodnar LM.

Am J Clin Nutr. 2008 Apr;87(4):1079S. No abstract available.

[Low vitamin D status adversely affects bone health parameters in adolescents.](#)

Cashman KD, Hill TR, Cotter AA, Boreham CA, Dubitzky W, Murray L, Strain J, Flynn A, Robson PJ, Wallace JM, Kiely M.

Am J Clin Nutr. 2008 Apr;87(4):1039-44.

[Ultraviolet exposure scenarios: risks of erythema from recommendations on cutaneous vitamin D synthesis.](#)

Webb AR, Engelsen O.

Adv Exp Med Biol. 2008;672-85.

[Optimal serum 25-hydroxyvitamin D levels for multiple health outcomes.](#)

Bischoff-Ferrari HA.

Adv Exp Med Biol. 2008;655-71. Review.

[Sunlight, UV-radiation, vitamin D and skin cancer: how much sunlight do we need?](#)

Holick MF.

Adv Exp Med Biol. 2008;61-15. Review.

[Review: vitamin D, immunity and lupus.](#)

Cutolo M, Otsa K.

Lupus. 2008;17(1):6-10. Review.

[Hypocalcaemia and vitamin D deficiency: an important, but preventable, cause of life-threatening infant heart failure.](#)

Maiya S, Sullivan I, Allgrove J, Yates R, Malone M, Brain C, Archer N, Mok Q, Daubeney P, Tulloh R, Burch M.

Heart. 2008 May;94(5):581-4. Epub 2007 Aug 9.

[\[Osteoporosis in the elderly--diagnosis and treatment\]](#)

Gärtner R.

MMW Fortschr Med. 2005 Feb 17;147(7):33, 35-6. Review. German.

[Hypovitaminosis D in African Americans residing in Memphis, Tennessee with and without heart failure.](#)

Alsafwah S, Laguardia SP, Nelson MD, Battin DL, Newman KP, Carbone LD, Weber KT.

Am J Med Sci. 2008 Apr;335(4):292-7.

[Black and white female adolescents lose vitamin D metabolites into urine.](#)

Thierry-Palmer M, Henderson VM, Hammali RE, Cephas S, Palacios C, Martin BR, Weaver CM.

Am J Med Sci. 2008 Apr;335(4):278-83.

[\[Vigantol--Adolf Windaus and the history of vitamin D\]](#)

Haas J.

Wurzburg Medizinhist Mitt. 2007;144-81. German.

[High prevalence of vitamin D deficiency in African American kidney transplant recipients.](#)

Tripathi SS, Gibney EM, Gehr TW, King AL, Beckman MJ.

Transplantation. 2008 Mar 15;85(5):767-70.

[Should long-term care residents be supplemented with vitamin D?](#)

Lister T.

Can J Diet Pract Res. 2008 Spring;69(1):28-31. Review.

[Non-melanoma skin cancer: importance of gender, immunosuppressive status and vitamin D.](#)

Oberszyn TM.

Cancer Lett. 2008 Mar 18;261(2):127-36. Epub 2008 Feb 11. Review.



[Relationship between vitamin D status, parathyroid hormone levels and bone mineral density in patients with chronic kidney disease stages 3 and 4.](#)

Stavroulopoulos A, Porter CJ, Roe SD, Hosking DJ, Cassidy MJ.  
Nephrology (Carlton). 2008 Feb;13(1):63-7.

[Severe vitamin D deficiency in Swiss hip fracture patients.](#)

Bischoff-Ferrari HA, Can U, Staehelin HB, Platz A, Henschkowski J, Michel BA, Dawson-Hughes B, Theiler R.  
Bone. 2008 Mar;42(3):597-602. Epub 2007 Nov 28.

[Bone mineralization density distribution in health and disease.](#)

Roschger P, Paschalis EP, Fratzl P, Klaushofer K.  
Bone. 2008 Mar;42(3):456-66. Epub 2007 Nov 12. Review.

[Abnormal bone and mineral metabolism in kidney transplant patients--a review.](#)

Sprague SM, Belozeroff V, Danese MD, Martin LP, Olgaard K.  
Am J Nephrol. 2008;28(2):246-53. Epub 2007 Nov 7. Review.

## Vitamin E

[Nutrition and metabolism: alpha-tocopherol to prevent cardiovascular disease--deficiency, dose, delivery, and developing context.](#)

Schwenke DC.  
Curr Opin Lipidol. 2008 Apr;19(2):203-7. No abstract available.

[Effect of vitamin E and selenium supplementation on oxidative stress status in pulmonary tuberculosis patients.](#)

Seyedrezazadeh E, Ostadrahimi A, Mahboob S, Assadi Y, Ghaemmagami J, Pourmogaddam M.  
Respirology. 2008 Mar;13(2):294-8.

[Vitamin E and age-related cataract in a randomized trial of women.](#)

Christen WG, Glynn RJ, Chew EY, Buring JE.  
Ophthalmology. 2008 May;115(5):822-829.e1. Epub 2007 Dec 11.

[Tocotrienols, the unsaturated forms of vitamin E, can function as antioxidants and lipid protectors in tobacco leaves.](#)

Matringe M, Ksas B, Rey P, Havaux M.  
Plant Physiol. 2008 Apr 25. [Epub ahead of print]

[Comparative effects of dietary supplementation with red grape juice and vitamin E on production of superoxide by circulating neutrophil NADPH oxidase in hemodialysis patients.](#)

Castilla P, Dávalos A, Teruel JL, Cerrato F, Fernández-Lucas M, Merino JL, Sánchez-Martín CC, Ortuño J, Lasunción MA.  
Am J Clin Nutr. 2008 Apr;87(4):1053-61.

[Gamma-tocopherol supplementation alone and in combination with alpha-tocopherol alters biomarkers of oxidative stress and inflammation in subjects with metabolic syndrome.](#)

Devaraj S, Leonard S, Traber MG, Jialal I.  
Free Radic Biol Med. 2008 Mar 15;44(6):1203-8. Epub 2007 Dec 23.

[Vitamin E and selenium supplementation and risk of prostate cancer in the Vitamins and lifestyle \(VITAL\) study cohort.](#)

Peters U, Littman AJ, Kristal AR, Patterson RE, Potter JD, White E.  
Cancer Causes Control. 2008 Feb;19(1):75-87. Epub 2007 Oct 18.

[Design and QSAR study of analogs of alpha-tocopherol with enhanced antiproliferative activity against human breast adenocarcinoma cells.](#)

Nikolic KM.  
J Mol Graph Model. 2008 Jan;26(5):868-73. Epub 2007 Jun 2.

## Vitamin K

[Hemorrhagic disease of the newborn despite vitamin K prophylaxis at birth.](#)

Flood VH, Galderisi FC, Lowas SR, Kendrick A, Boshkov LK.  
Pediatr Blood Cancer. 2008 May;50(5):1075-7.

[Congenital hypersensitivity to vitamin K antagonists due to FIX propeptide mutation at locus - a \(not so\) rare cause of bleeding under oral anticoagulant therapy in Switzerland.](#)

Ulrich S, Brand B, Speich R, Oldenburg J, Asmis L.  
Swiss Med Wkly. 2008 Feb 23;138(7-8):100-7.

[Dietary intake of vitamin K and risk of prostate cancer in the Heidelberg cohort of the European Prospective Investigation into Cancer and Nutrition \(EPIC-Heidelberg\).](#)

Nimptsch K, Rohrmann S, Linseisen J.  
Am J Clin Nutr. 2008 Apr;87(4):985-92.

[Prevention of vitamin K deficiency bleeding in breastfed infants: lessons from the Dutch and Danish biliary atresia registries.](#)

van Hasselt PM, de Koning TJ, Kvist N, de Vries E, Lundin CR, Berger R, Kimpen JL, Houwen RH, Jorgensen MH, Verkade HJ; Netherlands Study Group for Biliary Atresia Registry.  
Pediatrics. 2008 Apr;121(4):e857-63.

[DNA polymerase gamma inhibition by vitamin K3 induces mitochondria-mediated cytotoxicity in human cancer cells.](#)

Sasaki R, Suzuki Y, Yonezawa Y, Ota Y, Okamoto Y, Demizu Y, Huang P, Yoshida H, Sugimura K, Mizushima Y.  
Cancer Sci. 2008 May;99(5):1040-8. Epub 2008 Feb 27.

[Incidence of late vitamin K deficiency bleeding in newborns in the Netherlands in 20 evaluation of the current guideline.](#)

Ijland MM, Pereira RR, Cornelissen EA.  
Eur J Pediatr. 2008 Feb;167(2):165-9. Epub 2007 Mar 1.

## Multivitamins

[Vitamin intake and risk of coronary disease: observation versus intervention.](#)

Moats C, Rimm EB.  
Curr Atheroscler Rep. 2007 Dec;9(6):508-14. Review.

[A prospective study of multivitamin supplement use and risk of breast cancer.](#)

Ishitani K, Lin J, Manson JE, Buring JE, Zhang SM.  
Am J Epidemiol. 2008 May 15;167(10):1197-206. Epub 2008 Mar 15.

[Fat-soluble vitamins in human lactation.](#)

Campos JM, Paixão JA, Ferraz C.  
Int J Vitam Nutr Res. 2007 Sep;77(5):303-10.

[Folic acid and multivitamin supplement use and risk of placental abruption: a population-based registry study.](#)

Nilsen RM, Vollset SE, Rasmussen SA, Ueland PM, Daltveit AK.  
Am J Epidemiol. 2008 Apr 1;167(7):867-74. Epub 2008 Jan 10.

[Simultaneous measurement of retinol, alpha-tocopherol and six carotenoids in human plasma by using an isocratic reversed-phase HPLC method.](#)

Karppi J, Nurmi T, Olmedilla-Alonso B, Granada-Lorencio F, Nyysönen K.  
J Chromatogr B Analyt Technol Biomed Life Sci. 2008 Apr 12. [Epub ahead of print]

[A randomized, double-masked, placebo-controlled clinical trial of multivitamin supplementation for age-related lens opacities. Clinical trial of nutritional supplements and age-related cataract report no. 3.](#)

Clinical Trial of Nutritional Supplements and Age-Related Cataract Study Group, Maraini G, Sperduto RD, Ferris F, Clemons TE, Rosmini F, Ferrigno L.  
Ophthalmology. 2008 Apr;115(4):599-607.e1.

[Nutrient intake from multivitamin/mineral supplements is similar among users from five ethnic groups: the Multiethnic Cohort Study.](#)

Park SY, Murphy SP, Martin CL, Kolonel LN.  
J Am Diet Assoc. 2008 Mar;108(3):529-33.

[Dietary supplement use in individuals living with cancer and other chronic conditions: a population-based study.](#)

Miller MF, Bellizzi KM, Sufian M, Amba AH, Goldstein MS, Ballard-Barbash R.  
J Am Diet Assoc. 2008 Mar;108(3):483-94.

## Carotenoids

### [Metabolic engineering of carotenoid biosynthesis in plants.](#)

Giuliano G, Tavazza R, Diretto G, Beyer P, Taylor MA.  
Trends Biotechnol. 2008 Mar;26(3):139-45. Epub 2008 Jan 28. Review.

### [All-E lutein and 3'-epilutein in the epidermis of chronic arsenic poisoning.](#)

Misbahuddin M, Momin A, Al-Amin M.  
Clin Toxicol (Phila). 2008 Feb;46(2):176-80.

### [Influence of lycopene and vitamin C from tomato juice on biomarkers of oxidative stress and inflammation.](#)

Jacob K, Periago MJ, Böhm V, Berruezo GR.  
Br J Nutr. 2008 Jan;99(1):137-46. Epub 2007 Jul 19.

### [A Carotenoid Algal Preparation Containing Phytoene and Phytofluene Inhibited LDL Oxidation In Vitro.](#)

Shaish A, Harari A, Kamari Y, Soudant E, Harats D, Ben-Amotz A.  
Plant Foods Hum Nutr. 2008 Apr 29. [Epub ahead of print]

### [In vitro and in vivo characterization of retinoid synthesis from beta-carotene.](#)

Fierce Y, de Moraes Vieira M, Piantedosi R, Wyss A, Blaner WS, Paik J.  
Arch Biochem Biophys. 2008 Apr 15;472(2):126-38. Epub 2008 Feb 14.

### [Protection from sunburn with beta-Carotene--a meta-analysis.](#)

Köpcke W, Krutmann J.  
Photochem Photobiol. 2008 Mar-Apr;84(2):284-8. Epub 2007 Dec 15.

### [Development and validation of a brief food frequency questionnaire for dietary lutein and zeaxanthin intake assessment in Italian women.](#)

Cena H, Roggi C, Turconi G.  
Eur J Nutr. 2008 Feb;47(1):1-9. Epub 2007 Dec 28.

### [\[Lutein and antioxidants in the prevention of age-related macular degeneration\]](#)

Rehak M, Fric E, Wiedemann P.  
Ophthalmologe. 2008 Jan;105(1):37-8, 40-5. Review. German.

## Flavonoids

### [Hydroxyl radical scavenging assay of phenolics and flavonoids with a modified cupric reducing antioxidant capacity \(CUPRAC\) method using catalase for hydrogen peroxide degradation.](#)

Ozyürek M, Bektaşoğlu B, Güçlü K, Apak R.  
Anal Chim Acta. 2008 Jun 2;616(2):196-206. Epub 2008 Apr 20.

## Carnitine

### [Carnitine membrane transporter deficiency: a rare treatable cause of cardiomyopathy and anemia.](#)

Cano A, Ovaert C, Vianey-Saban C, Chabrol B.  
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