

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

Update May 2013

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

[Efficacy of vitamin and antioxidant supplements in prevention of cardiovascular disease: systematic review and meta-analysis of randomised controlled trials.](#)

Myung SK, Ju W, Cho B, Oh SW, Park SM, Koo BK, Park BJ; Korean Meta-Analysis Study Group.

BMJ. 2013 Jan 18;346:f10. doi: 10.1136/bmj.f10. Review.

[Higher serum concentrations of dietary antioxidants are associated with lower levels of inflammatory biomarkers during the year after hip fracture.](#)

D'Adamo CR, Miller RR, Shardell MD, Orwig DL, Hochberg MC, Ferrucci L, Semba RD, Yu-Yahiro JA, Magaziner J, Hicks GE.

Clin Nutr. 2012 Oct;31(5):659-65. doi: 10.1016/j.clnu.2012.01.013. Epub 2012 Feb 25.

[Oxidative stress in children with severe malaria.](#)

Narsaria N, Mohanty C, Das BK, Mishra SP, Prasad R.

J Trop Pediatr. 2012 Apr;58(2):147-50. doi: 10.1093/tropej/fmr043. Epub 2011 May 20.

[Antioxidant effects of potassium ascorbate with ribose in costello syndrome.](#)

Anichini C, Lotti F, Pietrini A, Lo Rizzo C, Longini M, Proietti F, Felici C, Buonocore G.

Anticancer Res. 2013 Feb;33(2):691-5.

[Level of nitric oxide and antioxidant vitamins in sickle cell anaemia patients.](#)

Hundekar PS, Suryakar AN, Karnik AC, Katkam RV, Joshi NG, Ghone RA.

Indian J Physiol Pharmacol. 2012 Apr-Jun;56(2):125-9.

[Changes in antioxidant status and cardiovascular risk factors of overweight young men after six weeks supplementation of whey protein isolate and resistance training.](#)

Sheikholeslami Vatani D, Ahmadi Kani Golzar F.

Appetite. 2012 Dec;59(3):673-8. doi: 10.1016/j.appet.2012.08.005. Epub

2012 Aug 10.

[Does pharmacodynamic interaction of nonenzymatic antioxidants modify response to antioxidant therapy in the process of atherosclerosis?](#)

Yiannakopoulou ECh.

J Cardiovasc Pharmacol Ther. 2012 Dec;17(4):366-72. doi: 10.1177/1074248412447109. Epub 2012 May 29. Review.

Vitamin A

[Dietary diversity score is a useful indicator of vitamin A status of adult women in Northern Kenya.](#)

Fujita M, Lo YJ, Baranski JR.

Am J Hum Biol. 2012 Nov-Dec;24(6):829-34. doi: 10.1002/ajhb.22327. Epub 2012 Sep 27.

[The use and interpretation of serum retinol distributions in evaluating the public health impact of vitamin A programmes.](#)

Palmer AC, West KP Jr, Dalmiya N, Schultink W.

Public Health Nutr. 2012 Jul;15(7):1201-15. doi: 10.1017/S1368980012000560. Epub 2012 Mar 9. Review.

[Vitamin a: history, current uses, and controversies.](#)

Chapman MS.

Semin Cutan Med Surg. 2012 Mar;31(1):11-6. doi: 10.1016/j.sder.2011.11.009. Review.

[Fried-potato diet causes vitamin A deficiency in an autistic child.](#)

Tanoue K, Matsui K, Takamasu T.

JPEN J Parenter Enteral Nutr. 2012 Nov;36(6):753-5. doi: 10.1177/0148607111436280. Epub 2012 Feb 7.

[The impact of prenatal vitamin A and zinc supplementation on growth of children up to 2 years of age in rural Java, Indonesia.](#)

Prawirohartono EP, Nyström L, Ivarsson A, Stenlund H, Lind T.

Public Health Nutr. 2011 Dec;14(12):2197-206. doi: 10.1017/S1368980011001078. Epub 2011 Jun 23.

[An evidence-based systematic review of vitamin A by the natural standard research collaboration.](#)

Ulbricht C, Basch E, Chao W, Conquer J, Costa D, Culwell S, Flanagan K, Guilford J, Hammerness P, Hashmi S, Isaac R, Rusie E, Serrano JM, Ulbricht C, Vora M, Windsor RC, Woloszyn M, Zhou S.

J Diet Suppl. 2012 Dec;9(4):299-416. doi: 10.3109/19390211.2012.736721. Review.

[Vitamin A deficiency is associated with hepatitis C virus chronic infection and with unresponsiveness to interferon-based antiviral therapy.](#)

Bitetto D, Bortolotti N, Falletti E, Vescovo S, Fabris C, Fattovich G, Cussigh

A, Cmet S, Fornasiere E, Ceriani E, Pirisi M, Toniutto P.
Hepatology. 2013 Mar;57(3):925-33. doi: 10.1002/hep.26186. Epub 2013 Feb 7.

[Coverage of the vitamin A supplementation programme for child survival in Nepal: success and challenges.](#)

Nguyen AM, Grover DS, Sun K, Raju VK, Semba RD, Schaumerg DA.
Paediatr Int Child Health. 2012;32(4):233-8. doi:
10.1179/2046905512Y.0000000037.

[Neonatal aortic dilatation associated with vitamin A deficiency and its subsequent remission after supplementation therapy.](#)

Cabano R, Mannarino S, Bollani L, Stronati M.
Acta Paediatr. 2012 Dec;101(12):e530. doi: 10.1111/apa.12009. Epub 2012 Sep 15. No abstract available.

B-Vitamins

[Maternal dietary intake of folate and vitamins B6 and B12 during pregnancy and the risk of childhood acute lymphoblastic leukemia.](#)

Bailey HD, Miller M, Langridge A, de Klerk NH, van Bockxmeer FM, Attia J, Scott RJ, Armstrong BK, Milne E.
Nutr Cancer. 2012;64(7):1122-30. doi: 10.1080/01635581.2012.707278. Epub 2012 Sep 11.

[Micronutrient status and global DNA methylation in school-age children.](#)

Perng W, Rozek LS, Mora-Plazas M, Duchin O, Marin C, Forero Y, Baylin A, Villamor E.
Epigenetics. 2012 Oct;7(10):1133-41. doi: 10.4161/epi.21915. Epub 2012 Aug 23.

[DNA methylation potential: dietary intake and blood concentrations of one-carbon metabolites and cofactors in rural African women.](#)

Dominguez-Salas P, Moore SE, Cole D, da Costa KA, Cox SE, Dyer RA, Fulford AJ, Innis SM, Waterland RA, Zeisel SH, Prentice AM, Hennig BJ.
Am J Clin Nutr. 2013 Apr 10. [Epub ahead of print]

[Cervical cancer pathogenesis is associated with one-carbon metabolism.](#)

Pathak S, Bhatla N, Singh N.
Mol Cell Biochem. 2012 Oct;369(1-2):1-7. doi: 10.1007/s11010-012-1362-3. Epub 2012 Jun 23.

[Serum holotranscobalamine, vitamin B12, folic acid and homocysteine levels in alopecia areata patients.](#)

Ertugrul DT, Karadag AS, Takci Z, Bilgili SG, Ozkol HU, Tatal E, Akin KO.
Cutan Ocul Toxicol. 2013 Mar;32(1):1-3. doi:
10.3109/15569527.2012.683499. Epub 2012 May 17.

[Lowering homocysteine levels may prevent cardiovascular impairments? Possible therapeutic behaviors.](#)

Cacciapuoti F.

Blood Coagul Fibrinolysis. 2012 Dec;23(8):677-9. doi: 10.1097/MBC.0b013e3283597586.

[Plasma total homocysteine status of vegetarians compared with omnivores: a systematic review and meta-analysis.](#)

Obersby D, Chappell DC, Dunnett A, Tsiami AA.

Br J Nutr. 2013 Mar 14;109(5):785-94. doi: 10.1017/S000711451200520X. Epub 2013 Jan 8. Review.

[Gender and age influence blood folate, vitamin B12, vitamin B6, and homocysteine levels in European adolescents: the Helena Study.](#)

González-Gross M, Benser J, Breidenassel C, Albers U, Huybrechts I, Valtueña J, Spinneker A, Segoviano M, Widhalm K, Molnar D, Moreno LA, Stehle P, Pietrzik K; HELENA Study group.

Nutr Res. 2012 Nov;32(11):817-26. doi: 10.1016/j.nutres.2012.09.016. Epub 2012 Nov 9.

[Antiepileptic drugs, hyperhomocysteinemia and B-vitamins supplementation in patients with epilepsy.](#)

Belcastro V, Striano P.

Epilepsy Res. 2012 Nov;102(1-2):1-7. doi: 10.1016/j.eplepsyres.2012.07.003. Epub 2012 Jul 21. Review.

[Homocysteine and cardiovascular risk: the perils of reductionism in a complex system.](#)

Ueland PM, Loscalzo J.

Clin Chem. 2012 Dec;58(12):1623-5. doi: 10.1373/clinchem.2012.187286. Epub 2012 May 23. No abstract available.

Vitamin B₁

[Prostatic acid phosphatase is required for the antinociceptive effects of thiamine and benfotiamine.](#)

Hurt JK, Coleman JL, Fitzpatrick BJ, Taylor-Blake B, Bridges AS, Vihko P, Zylka MJ.

PLoS One. 2012;7(10):e48562. doi: 10.1371/journal.pone.0048562. Epub 2012 Oct 31.

[Serial evaluation of children with ALF with advanced MRI, serum proinflammatory cytokines, thiamine, and cognition assessment.](#)

Srivastava A, Yadav SK, Borkar VV, Yadav A, Yachha SK, Thomas MA, Rathore RK, Pandey CM, Gupta RK.

J Pediatr Gastroenterol Nutr. 2012 Nov;55(5):580-6. doi: 10.1097/MPG.0b013e31825f4c3e.

[Nystagmus: an uncommon neurological manifestation of thiamine deficiency as a serious complication of sleeve gastrectomy.](#)

Moizé V, Ibarzabal A, Sanchez Dalmau B, Flores L, Andreu A, Lacy A, Vidal J. Nutr Clin Pract. 2012 Dec;27(6):788-92. doi: 10.1177/0884533612453746. Epub 2012 Oct 5.

[Evolution of abnormal eye movements in Wernicke's encephalopathy: correlation with serial MRI findings.](#)

Kim K, Shin DH, Lee YB, Park KH, Park HM, Shin DJ, Kim JS. J Neurol Sci. 2012 Dec 15;323(1-2):77-9. doi: 10.1016/j.jns.2012.08.014. Epub 2012 Aug 30.

[Wernicke's encephalopathy presenting as acute psychosis after gastric bypass.](#)

Walker J, Kepner A. J Emerg Med. 2012 Nov;43(5):811-4. doi: 10.1016/j.jemermed.2009.03.025. Epub 2009 May 5.

Vitamin B₁₂

[Use of serum vitamin B12 level as a marker to differentiate idiopathic noncirrhotic intrahepatic portal hypertension from cryptogenic cirrhosis.](#)

Goel A, Ramakrishna B, Muliyl J, Madhu K, Sajith KG, Zachariah U, Ramachandran J, Keshava SN, Selvakumar R, Chandy GM, Elias E, Eapen CE. Dig Dis Sci. 2013 Jan;58(1):179-87. doi: 10.1007/s10620-012-2361-7. Epub 2012 Aug 24.

[Structural features of recombinant MMADHC isoforms and their interactions with MMACHC, proteins of mammalian vitamin B12 metabolism.](#)

Deme JC, Miousse IR, Plesa M, Kim JC, Hancock MA, Mah W, Rosenblatt DS, Coulton JW. Mol Genet Metab. 2012 Nov;107(3):352-62. doi: 10.1016/j.ymgme.2012.07.001. Epub 2012 Jul 11.

[B12 deficiency myelopathy in a patient with long-standing rheumatoid arthritis.](#)

Bournia VK, Dania V, Lachanis S, Konsta M, Iliopoulos A. J Clin Rheumatol. 2012 Oct;18(7):372-4. doi: 10.1097/RHU.0b013e318273312f. Review. No abstract available.

[How prevalent is vitamin B\(12\) deficiency among vegetarians?](#)

Pawlak R, Parrott SJ, Raj S, Cullum-Dugan D, Lucus D. Nutr Rev. 2013 Feb;71(2):110-7. doi: 10.1111/nure.12001. Epub 2013 Jan 2. Review.

[Orthostatic hypotension as a manifestation of vitamin B12 deficiency.](#)

Ganjehei L, Massumi A, Razavi M, Wilson JM. Tex Heart Inst J. 2012;39(5):722-3.

[Evaluation of vitamin B12 monitoring in a veteran population on long-term, high-dose metformin therapy.](#)

Pierce SA, Chung AH, Black KK.

Ann Pharmacother. 2012 Nov;46(11):1470-6. doi: 10.1345/aph.1R223. Epub 2012 Oct 31.

Vitamin B₂

[The Brown-Vialetto-Van Laere and Fazio Londe syndrome revisited: natural history, genetics, treatment and future perspectives.](#)

Bosch AM, Stroek K, Abeling NG, Waterham HR, Ijlst L, Wanders RJ.

Orphanet J Rare Dis. 2012 Oct 29;7:83. doi: 10.1186/1750-1172-7-83. Review.

Biotin

[Temporal development of genetic and metabolic effects of biotin deprivation. A search for the optimum time to study a vitamin deficiency.](#)

Hernández-Vázquez A, Ochoa-Ruiz E, Ibarra-González I, Ortega-Cuellar D, Salvador-Adriano A, Velázquez-Arellano A.

Mol Genet Metab. 2012 Nov;107(3):345-51. doi: 10.1016/j.ymgme.2012.09.005. Epub 2012 Sep 8.

[Structure and function of biotin-dependent carboxylases.](#)

Tong L.

Cell Mol Life Sci. 2013 Mar;70(5):863-91. doi: 10.1007/s00018-012-1096-0. Epub 2012 Aug 7. Review.

Folic acid

[Awareness of spina bifida and periconceptional use of folic acid among pregnant women in a developing economy.](#)

Rabiu TB, Tihamiyu LO, Awoyinka BS.

Childs Nerv Syst. 2012 Dec;28(12):2115-9. doi: 10.1007/s00381-012-1879-5. Epub 2012 Aug 10.

[Quantitation of whole-blood total folate within defined MTHFR C677T genotype groups by isotope dilution-liquid chromatography-tandem mass spectrometry differs from microbiologic assay.](#)

Stamm RA, Harper MJ, Houghton LA.

J Nutr. 2012 Dec;142(12):2154-60. doi: 10.3945/jn.112.165035. Epub 2012 Oct 24.

[Conversion from mild cognitive impairment to dementia: influence of folic acid and vitamin B12 use in the VITA cohort.](#)

Blasko I, Hinterberger M, Kemmler G, Jungwirth S, Krampla W, Leitha T, Heinz Tragl K, Fischer P.

J Nutr Health Aging. 2012 Aug;16(8):687-94. doi: 10.1007/s12603-012-0051-y.

[Associations between intake of folate and related micronutrients with molecularly defined colorectal cancer risks in the Iowa Women's Health Study.](#)

Razzak AA, Oxentenko AS, Vierkant RA, Tillmans LS, Wang AH, Weisenberger DJ, Laird PW, Lynch CF, Anderson KE, French AJ, Haile RW, Harnack LJ, Potter JD, Slager SL, Smyrk TC, Thibodeau SN, Cerhan JR, Limburg PJ. Nutr Cancer. 2012;64(7):899-910. doi: 10.1080/01635581.2012.714833.

[Dietary and supplemental folate and the risk of left- and right-sided colorectal cancer.](#)

Clapin HF, Fritschi L, Iacopetta B, Heyworth JS. Nutr Cancer. 2012;64(7):937-45. doi: 10.1080/01635581.2012.715718. Epub 2012 Oct 4.

[Dietary folates and cancer risk in a network of case-control studies.](#)

Tavani A, Malerba S, Pelucchi C, Dal Maso L, Zucchetto A, Serraino D, Levi F, Montella M, Franceschi S, Zambon A, La Vecchia C. Ann Oncol. 2012 Oct;23(10):2737-42. Epub 2012 Aug 16.

[Usual folic acid intakes: a modelling exercise assessing changes in the amount of folic acid in foods and supplements, National Health and Nutrition Examination Survey, 2003-2008.](#)

Tinker SC, Cogswell ME, Hamner HC, Berry RJ. Public Health Nutr. 2012 Jul;15(7):1216-27. doi: 10.1017/S1368980012000638. Epub 2012 Mar 29.

[Folate, colorectal cancer and the involvement of DNA methylation.](#)

Williams EA. Proc Nutr Soc. 2012 Nov;71(4):592-7. doi: 10.1017/S0029665112000717. Epub 2012 Aug 6. Review.

[Effect of folic acid supplementation on plasma total homocysteine levels and glycemic control in patients with type 2 diabetes: a systematic review and meta-analysis.](#)

Sudchada P, Saokaew S, Sridetch S, Incampa S, Jaiyen S, Khaithong W. Diabetes Res Clin Pract. 2012 Oct;98(1):151-8. doi: 10.1016/j.diabres.2012.05.027. Epub 2012 Jun 22. Review.

[Role of polymorphisms in factor V \(FV Leiden\), prothrombin, plasminogen activator inhibitor type-1 \(PAI-1\), methylenetetrahydrofolate reductase \(MTHFR\) and cystathionine \$\beta\$ -synthase \(CBS\) genes as risk factors for thrombophilias.](#)

Miranda-Vilela AL. Mini Rev Med Chem. 2012 Sep 1;12(10):997-1006. Review.

[The impact of dietary folate intake on reproductive function in premenopausal women: a prospective cohort study.](#)

Gaskins AJ, Mumford SL, Chavarro JE, Zhang C, Pollack AZ, Wactawski-Wende J, Perkins NJ, Schisterman EF. PLoS One. 2012;7(9):e46276. doi: 10.1371/journal.pone.0046276. Epub 2012 Sep 26.

[Effect of folate intake on health outcomes in pregnancy: a systematic review and meta-analysis on birth weight, placental weight and length of gestation.](#)

Fekete K, Berti C, Trovato M, Lohner S, Dullemeijer C, Souverein OW, Cetin I, Decsi T. Nutr J. 2012 Sep 19;11:75. doi: 10.1186/1475-2891-11-75. Review.

[Effect of folate supplementation on folate status and health outcomes in infants, children and adolescents: a systematic review.](#)

Lohner S, Fekete K, Berti C, Hermoso M, Cetin I, Koletzko B, Decsi T. Int J Food Sci Nutr. 2012 Dec;63(8):1014-20. doi: 10.3109/09637486.2012.683779. Epub 2012 May 11. Review.

[Relationships between folate and inflammatory features of asthma.](#)

Lin JH, Matsui W, Aloe C, Peng RD, Diette GB, Breyse PN, Matsui EC. J Allergy Clin Immunol. 2013 Mar;131(3):918-20. doi: 10.1016/j.jaci.2012.10.046. Epub 2012 Dec 11. No abstract available.

[Efficacy of folic acid supplementation in cardiovascular disease prevention: an updated meta-analysis of randomized controlled trials.](#)

Yang HT, Lee M, Hong KS, Ovbiagele B, Saver JL. Eur J Intern Med. 2012 Dec;23(8):745-54. doi: 10.1016/j.ejim.2012.07.004. Epub 2012 Aug 11.

[Folate content and composition of vegetables commonly consumed in China.](#)

Shohag MJ, Wei Y, Yu N, Lu L, Zhang J, He Z, Patring J, Yang X. J Food Sci. 2012 Nov;77(11):H239-45. doi: 10.1111/j.1750-3841.2012.02939.x. Epub 2012 Nov 5.

[Awareness of periconceptional folic acid supplementation among Nepalese women of childbearing age: a cross-sectional study.](#)

Paudel P, Wing K, Silpakar SK. Prev Med. 2012 Nov;55(5):511-3. doi: 10.1016/j.ypmed.2012.09.001. Epub 2012 Sep 10.

[Investigation of the molecular response to folate metabolism inhibition.](#)

Carroll N, Hughes L, McEntee G, Parle-McDermott A. J Nutr Biochem. 2012 Nov;23(11):1531-6. doi: 10.1016/j.jnutbio.2011.10.006. Epub 2012 Mar 7.

[Methylenetetrahydrofolate reductase gene 677CT polymorphism and isolated congenital heart disease in a Mexican population.](#)

Sánchez-Urbina R, Galaviz-Hernández C, Sierra-Ramírez JA, Rangel-Villalobos H, Torres-Saldúa R, Alva-Espinoza C, Ramírez-Dueñas Mde L, García-Cavazos R, Arámbula-Meraz E.

Rev Esp Cardiol (Engl Ed). 2012 Feb;65(2):158-63. doi: 10.1016/j.recesp.2011.09.022. Epub 2011 Dec 24. English, Spanish.

Niacin

[The current state of niacin in cardiovascular disease prevention: a systematic review and meta-regression.](#)

Lavigne PM, Karas RH.

J Am Coll Cardiol. 2013 Jan 29;61(4):440-6. doi: 10.1016/j.jacc.2012.10.030. Epub 2012 Dec 19.

[Simultaneous determination of atorvastatin and niacin in human plasma by LC-MS/MS and its application to a human pharmacokinetic study.](#)

Ravi VB, Mullangi R, Inamadugu JK, Pilli NR, Gajula R, Ponneri V.

Biomed Chromatogr. 2012 Nov;26(11):1436-43. doi: 10.1002/bmc.2715. Epub 2012 Mar 14.

[Niacin induced coagulopathy as a manifestation of occult liver injury.](#)

Ali EH, McJunkin B, Jubelirer S, Hood W.

W V Med J. 2013 Jan-Feb;109(1):12-4.

[Niacin administration significantly reduces oxidative stress in patients with hypercholesterolemia and low levels of high-density lipoprotein cholesterol.](#)

Hamoud S, Kaplan M, Meilin E, Hassan A, Torgovicky R, Cohen R, Hayek T.

Am J Med Sci. 2013 Mar;345(3):195-9. doi: 10.1097/MAJ.0b013e3182548c28.

Vitamin C

[Glycolaldehyde impairs neutrophil biochemical parameters by an oxidative and calcium-dependent mechanism--protective role of antioxidants astaxanthin and vitamin C.](#)

Guerra BA, Bolin AP, Morandi AC, Otton R.

Diabetes Res Clin Pract. 2012 Oct;98(1):108-18. doi: 10.1016/j.diabres.2012.07.004. Epub 2012 Aug 24.

[Haptoglobin phenotype, preeclampsia risk and the efficacy of vitamin C and e supplementation to prevent preeclampsia in a racially diverse population.](#)

Weissgerber TL, Gandley RE, McGee PL, Spong CY, Myatt L, Leveno KJ, Thorp JM Jr, Mercer BM, Peaceman AM, Ramin SM, Carpenter MW, Samuels P, Sciscione A, Harper M, Tolosa JE, Saade G, Sorokin Y; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network.

PLoS One. 2013;8(4):e60479. doi: 10.1371/journal.pone.0060479. Epub 2013 Apr 3.

[Pharmacological ascorbate with gemcitabine for the control of metastatic and node-positive pancreatic cancer \(PACMAN\): results from a phase I clinical trial.](#)

Welsh JL, Wagner BA, van't Erve TJ, Zehr PS, Berg DJ, Halfdanarson TR, Yee NS, Bodeker KL, Du J, Roberts LJ 2nd, Drisko J, Levine M, Buettner GR, Cullen JJ.

Cancer Chemother Pharmacol. 2013 Mar;71(3):765-75. doi: 10.1007/s00280-013-2070-8. Epub 2013 Feb 5.

[Antioxidant vitamins C and E supplementation increases markers of haemolysis in sickle cell anaemia patients: a randomized, double-blind, placebo-controlled trial.](#)

Arruda MM, Mecabo G, Rodrigues CA, Matsuda SS, Rabelo IB, Figueiredo MS. Br J Haematol. 2013 Mar;160(5):688-700. doi: 10.1111/bjh.12185. Epub 2012 Dec 29.

[Arsenic trioxide and ascorbic acid interfere with the BCL2 family genes in patients with myelodysplastic syndromes: an ex-vivo study.](#)

Galimberti S, Guerrini F, Salvi F, Petrini I, Gioia D, Messa E, Palumbo GA, Cilloni D, Petrini M, Levis A.

J Hematol Oncol. 2012 Sep 10;5:53. doi: 10.1186/1756-8722-5-53.

[Effects of vitamin C and E intake on peak expiratory flow rate of asthmatic children exposed to atmospheric particulate matter.](#)

Su HJ, Chang CH, Chen HL.

Arch Environ Occup Health. 2013;68(2):80-6. doi: 10.1080/19338244.2011.646360.

[Vitamin C in plasma and leucocytes in relation to periodontitis.](#)

Kuzmanova D, Jansen ID, Schoenmaker T, Nazmi K, Teeuw WJ, Bizzarro S, Loos BG, van der Velden U.

J Clin Periodontol. 2012 Oct;39(10):905-12. doi: 10.1111/j.1600-051X.2012.01927.x. Epub 2012 Jul 30.

[Ascorbic acid supplements and kidney stone incidence among men: a prospective study.](#)

Thomas LD, Elinder CG, Tiselius HG, Wolk A, Akesson A.

JAMA Intern Med. 2013 Mar 11;173(5):386-8. doi: 10.1001/jamainternmed.2013.2296. No abstract available.

[Functional and physiological role of vitamin C transporters.](#)

Bürzle M, Hediger MA.

Curr Top Membr. 2012;70:357-75. doi: 10.1016/B978-0-12-394316-3.00011-9. Review.

Vitamin D

[25-hydroxyvitamin D and symptomatic ischemic stroke: an original study and meta-analysis.](#)

Brøndum-Jacobsen P, Nordestgaard BG, Schnohr P, Benn M.

Ann Neurol. 2013 Jan;73(1):38-47. doi: 10.1002/ana.23738. Epub 2012 Dec

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[Vitamin D supplementation for nonspecific musculoskeletal pain in non-Western immigrants: a randomized controlled trial.](#)

Schreuder F, Bernsen RM, van der Wouden JC.

Ann Fam Med. 2012 Nov-Dec;10(6):547-55. doi: 10.1370/afm.1402.

[Assessing the relationship between vitamin D3 and stratum corneum hydration for the treatment of xerotic skin.](#)

Russell M.

Nutrients. 2012 Sep;4(9):1213-8. doi: 10.3390/nu4091213. Epub 2012 Sep 4.

[Physical limitations in meal preparation and consumption are associated with lower musculoskeletal nutrient \(calcium, vitamin D, magnesium, and phosphorus\) intakes in homebound older adults.](#)

Sharkey J, Johnson CM, Dean WR.

J Nutr Health Aging. 2012 Aug;16(8):675-7. doi: 10.1007/s12603-012-0035-y.

[Vitamin D in acute stress and critical illness.](#)

Quraishi SA, Camargo CA Jr.

Curr Opin Clin Nutr Metab Care. 2012 Nov;15(6):625-34. doi: 10.1097/MCO.0b013e328358fc2b. Review.

[Optimize dietary intake of vitamin D: an epigenetic perspective.](#)

Hosseini-nezhad A, Holick MF.

Curr Opin Clin Nutr Metab Care. 2012 Nov;15(6):567-79. doi: 10.1097/MCO.0b013e3283594978. Review.

[Relationship between vitamin D deficiency and bone fragility in sickle cell disease: a cohort study of 56 adults.](#)

Arlet JB, Courbebaisse M, Chatellier G, Eladari D, Souberbielle JC, Friedlander G, de Montalembert M, Prié D, Pouchot J, Ribeil JA.

Bone. 2013 Jan;52(1):206-11. doi: 10.1016/j.bone.2012.10.005. Epub 2012 Oct 13.

[Do we need to take calcium with vitamin D supplements to prevent falls, fractures, and death?](#)

Scragg R.

Curr Opin Clin Nutr Metab Care. 2012 Nov;15(6):614-24. doi: 10.1097/MCO.0b013e328359ef21. Review.

[No association between serum vitamin D status and the prevalence of allergic diseases in Japanese children.](#)

Ito Y, Adachi Y, Yoshida K, Akasawa A.

Int Arch Allergy Immunol. 2013;160(2):218-20. doi: 10.1159/000339962. Epub 2012 Sep 25. No abstract available.

[Characterizing the influence of vitamin D levels on IVF outcomes.](#)

Rudick B, Ingles S, Chung K, Stanczyk F, Paulson R, Bendikson K.

Hum Reprod. 2012 Nov;27(11):3321-7. doi: 10.1093/humrep/des280. Epub

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[1 \$\alpha\$,25\(OH\) \$_2\$ -Vitamin D3 increases dysferlin expression in vitro and in a human clinical trial.](#)

Luna ND, Díaz-Manera J, Paradas C, Iturriaga C, Rojas-García R, Araque J, Genebriera M, Gich I, Illa I, Gallardo E.
Mol Ther. 2012 Oct;20(10):1988-97. doi: 10.1038/mt.2012.156. Epub 2012 Aug 21.

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