

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

## Update June 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

#### [Relationship between plasma antioxidants and thyroid hormones in chronic obstructive pulmonary disease.](#)

Mancini A, Corbo GM, Gaballo A, Raimondo S, Di Segni C, Gigliotti P, Silvestrini A, Valente S, Littarru GP, Pontecorvi A, Meucci E.  
Exp Clin Endocrinol Diabetes. 2012 Nov;120(10):623-8. doi: 10.1055/s-0032-1323808. Epub 2012 Oct 16.

#### [Protective Effects of a Topical Antioxidant Complex Containing Vitamins C and E and Ferulic Acid Against Ultraviolet Irradiation-Induced Photodamage in Chinese Women.](#)

Wu Y, Zheng X, Xu XG, Li YH, Wang B, Gao XH, Chen HD, Yatskayer M, Oresajo C.  
J Drugs Dermatol. 2013 Apr 1;12(4):464-8.

#### [Associations between maternal antioxidant intakes in pregnancy and infant allergic outcomes.](#)

West CE, Dunstan J, McCarthy S, Metcalfe J, D'Vaz N, Meldrum S, Oddy WH, Tulic MK, Prescott SL.  
Nutrients. 2012 Nov 14;4(11):1747-58. doi: 10.3390/nu4111747.

### Vitamin A

#### [On the 'discovery' of vitamin A.](#)

Semba RD.  
Ann Nutr Metab. 2012;61(3):192-8. doi: 10.1159/000343124. Epub 2012 Nov 26.

#### [DEVTA: results from the biggest clinical trial ever.](#)

Garner P, Taylor-Robinson D, Sachdev HS.  
Lancet. 2013 Apr 27;381(9876):1439-41. doi: 10.1016/S0140-6736(13)60600-5. Epub 2013 Mar 14. No abstract available.

[Vitamin A supplementation every 6 months with retinol in 1 million pre-school children in north India: DEVTA, a cluster-randomised trial.](#)

Awasthi S, Peto R, Read S, Clark S, Pande V, Bundy D; DEVTA (Deworming and Enhanced Vitamin A) team.  
Lancet. 2013 Apr 27;381(9876):1469-77. doi: 10.1016/S0140-6736(12)62125-4. Epub 2013 Mar 14.

[Comparison of new high-resolution monolithic column with core-shell and fully porous columns for analysis of retinol and  \$\alpha\$ -tocopherol in human serum and breast milk by ultra high performance liquid chromatography.](#)

Kučerová B, Krčmová L, Solichová D, Plíšek J, Solich P.  
J Sep Sci. 2013 May 15. doi: 10.1002/jssc.201300242. [Epub ahead of print]

[Vitamin A concentration in mature human milk.](#)

Souza G, Saunders C, Dolinsky M, Queiroz J, Campos A, Ramalho A.  
J Pediatr (Rio J). 2012 Nov-Dec;88(6):496-502. doi: 10.2223/JPED.2229.

[Associations of circulating retinol, vitamin E, and 1,25-dihydroxyvitamin D with prostate cancer diagnosis, stage, and grade.](#)

Gilbert R, Metcalfe C, Fraser WD, Donovan J, Hamdy F, Neal DE, Lane JA, Martin RM.  
Cancer Causes Control. 2012 Nov;23(11):1865-73. doi: 10.1007/s10552-012-0052-5. Epub 2012 Aug 28.

## **B-Vitamins**

[Co-occurrence of anemia, marginal vitamin B6, and folate status and depressive symptoms in older adults.](#)

Pan WH, Chang YP, Yeh WT, Guei YS, Lin BF, Wei IL, Yang FL, Liaw YP, Chen KJ, Chen WJ.  
J Geriatr Psychiatry Neurol. 2012 Sep;25(3):170-8. doi: 10.1177/0891988712458365.

[A candidate gene study of one-carbon metabolism pathway genes and colorectal cancer risk.](#)

Martinelli M, Scapoli L, Mattei G, Ugolini G, Montroni I, Zattoni D, Rosati G, Solmi R.  
Br J Nutr. 2013 Mar 28;109(6):984-9. doi: 10.1017/S0007114512002796. Epub 2012 Jul 16.

[Serum homocysteine and folate but not vitamin B12 are predictors of CHD mortality in older adults.](#)

Gopinath B, Flood VM, Roachchina E, Thiagalingam A, Mitchell P.  
Eur J Prev Cardiol. 2012 Dec;19(6):1420-9. doi: 10.1177/1741826711424568. Epub 2011 Sep 29.

[One-carbon metabolism factors and leukocyte telomere length.](#)

Liu JJ, Prescott J, Giovannucci E, Hankinson SE, Rosner B, De Vivo I.

Am J Clin Nutr. 2013 Apr;97(4):794-9. doi: 10.3945/ajcn.112.051557. Epub 2013 Feb 27.

[The nutritional burden of methylation reactions.](#)

Bertolo RF, McBreairty LE.

Curr Opin Clin Nutr Metab Care. 2013 Jan;16(1):102-8. doi: 10.1097/MCO.0b013e32835ad2ee. Review.

[The role of B vitamins in preventing and treating cognitive impairment and decline.](#)

Morris MS.

Adv Nutr. 2012 Nov 1;3(6):801-12. doi: 10.3945/an.112.002535. Review.

[Low and high homocysteine are associated with mortality independent of B group vitamins but interactive with cognitive status in a free-living elderly cohort.](#)

Xiu LL, Lee MS, Wahlqvist ML, Chen RC, Huang YC, Chen KJ, Li D.

Nutr Res. 2012 Dec;32(12):928-39. doi: 10.1016/j.nutres.2012.09.005. Epub 2012 Oct 15.

## **Vitamin B<sub>1</sub>**

[Adolphe Vorderman's 1897 study on beriberi: an example of scrupulous efforts to avoid bias.](#)

Vandenbroucke JP.

J R Soc Med. 2013 Mar;106(3):108-11. doi: 10.1177/0141076813478790. No abstract available.

[Increased thiamine intake may be required to maintain thiamine status during weight loss in patients with type 2 diabetes.](#)

Keogh JB, Cleanthous X, Wycherley TP, Brinkworth GD, Noakes M, Clifton PM.

Diabetes Res Clin Pract. 2012 Dec;98(3):e40-2. doi: 10.1016/j.diabres.2012.09.032. Epub 2012 Sep 29.

[Identification of a SLC19A2 nonsense mutation in Persian families with thiamine-responsive megaloblastic anemia.](#)

Setoodeh A, Haghghi A, Saleh-Gohari N, Ellard S, Haghghi A.

Gene. 2013 May 1;519(2):295-7. doi: 10.1016/j.gene.2013.02.008. Epub 2013 Feb 20.

[Plasma AGE-peptides and C-peptide in early-stage diabetic nephropathy patients on thiamine and pyridoxine therapy.](#)

Cetin E, Civelek S, Andican G, Candan Polizzi F, Yumuk V, Burçak G.

Minerva Med. 2013 Feb;104(1):93-101.

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

### [Combined cobalamin and iron deficiency anemia: a diagnostic approach using a model based on age and homocysteine assessment.](#)

Remacha AF, Sardà MP, Canals C, Queraltò JM, Zapico E, Remacha J, Carrascosa C.  
Ann Hematol. 2013 Apr;92(4):527-31. doi: 10.1007/s00277-012-1634-8. Epub 2012 Nov 25.

### [The discovery of vitamin B\(12\).](#)

Scott JM, Molloy AM.  
Ann Nutr Metab. 2012;61(3):239-45. doi: 10.1159/000343114. Epub 2012 Nov 26. Review.

### [Vitamin B-12 status during pregnancy and child's IQ at age 8: a Mendelian randomization study in the Avon longitudinal study of parents and children.](#)

Bonilla C, Lawlor DA, Taylor AE, Gunnell DJ, Ben-Shlomo Y, Ness AR, Timpson NJ, St Pourcain B, Ring SM, Emmett PM, Smith AD, Refsum H, Pennell CE, Brion MJ, Smith GD, Lewis SJ.  
PLoS One. 2012;7(12):e51084. doi: 10.1371/journal.pone.0051084. Epub 2012 Dec 5.

## Vitamin B<sub>2</sub>

### [The discovery and characterization of riboflavin.](#)

Northrop-Clewes CA, Thurnham DI.  
Ann Nutr Metab. 2012;61(3):224-30. doi: 10.1159/000343111. Epub 2012 Nov 26.

### [Corneal collagen cross-linking using riboflavin and ultraviolet A for the treatment of mild to moderate keratoconus: 2-year follow-up.](#)

Legare ME, Iovieno A, Yeung SN, Kim P, Lichtinger A, Hollands S, Slomovic AR, Rootman DS.  
Can J Ophthalmol. 2013 Feb;48(1):63-8. doi: 10.1016/j.jcjo.2012.11.007.

## Vitamin B<sub>6</sub>

### [Pyridoxine-dependent epilepsy in Tunisia is caused by a founder missense mutation of the ALDH7A1 gene.](#)

Tlili A, Hamida Hentati N, Chaabane R, Gargouri A, Fakhfakh F.  
Gene. 2013 Apr 15;518(2):242-5. doi: 10.1016/j.gene.2013.01.041. Epub 2013 Jan 30.

### [A history of the isolation and identification of vitamin B\(6\).](#)

Rosenberg IH.  
Ann Nutr Metab. 2012;61(3):236-8. doi: 10.1159/000343113. Epub 2012 Nov 26. Review.

## Folic acid

### [A history of the isolation and identification of folic acid \(folate\).](#)

Rosenberg IH.

Ann Nutr Metab. 2012;61(3):231-5. doi: 10.1159/000343112. Epub 2012 Nov 26.

### [Purity determination and uncertainty evaluation of folic acid by mass balance method.](#)

Gong H, Huang T, Yang Y, Wang H.

Talanta. 2012 Nov 15;101:96-103. doi: 10.1016/j.talanta.2012.09.012. Epub 2012 Sep 15.

### [Development of a fluorescence polarization binding assay for folate receptor.](#)

Kornilova AY, Algayer B, Breslin M, Addona GH, Uebele V.

Anal Biochem. 2013 Jan 15;432(2):59-62. doi: 10.1016/j.ab.2012.09.020. Epub 2012 Sep 26.

### [Blood folate concentrations analyzed by microbiological assay and chemiluminescent immunoassay methods.](#)

Nakazato M, Maeda T, Emura K, Maeda M, Tamura T.

J Nutr Sci Vitaminol (Tokyo). 2012;58(1):59-62.

### [Folic acid supplementation during early pregnancy and the risk of gestational hypertension and preeclampsia.](#)

Li Z, Ye R, Zhang L, Li H, Liu J, Ren A.

Hypertension. 2013 Apr;61(4):873-9. doi: 10.1161/HYPERTENSIONAHA.111.00230. Epub 2013 Feb 11.

### [Serum folate but not vitamin B-12 concentrations are positively associated with cognitive test scores in children aged 6-16 years.](#)

Nguyen CT, Gracely EJ, Lee BK.

J Nutr. 2013 Apr;143(4):500-4. doi: 10.3945/jn.112.166165. Epub 2013 Feb 6.

### [Dietary supplement use and folate status during pregnancy in the United States.](#)

Branum AM, Bailey R, Singer BJ.

J Nutr. 2013 Apr;143(4):486-92. doi: 10.3945/jn.112.169987. Epub 2013 Jan 30.

### [Frequent epigenetic silencing of the folate-metabolising gene cystathionine-beta-synthase in gastrointestinal cancer.](#)

Zhao H, Li Q, Wang J, Su X, Ng KM, Qiu T, Shan L, Ling Y, Wang L, Cai J, Ying J.

PLoS One. 2012;7(11):e49683. doi: 10.1371/journal.pone.0049683. Epub 2012 Nov 13.

[The emerging role of unmetabolized folic acid in human diseases: myth or reality?](#)

Obeid R, Herrmann W.

Curr Drug Metab. 2012 Oct;13(8):1184-95. Review.

[Serum folate and depressive symptoms among Japanese men and women: a cross-sectional and prospective study.](#)

Nanri A, Hayabuchi H, Ohta M, Sato M, Mishima N, Mizoue T.

Psychiatry Res. 2012 Dec 30;200(2-3):349-53. doi:

10.1016/j.psychres.2012.04.040. Epub 2012 Jun 6.

[Folate metabolism gene 5,10-methylenetetrahydrofolate reductase \(MTHFR\) is associated with ADHD in myelomeningocele patients.](#)

Spellicy CJ, Northrup H, Fletcher JM, Cirino PT, Dennis M, Morrison AC, Martinez CA, Au KS.

PLoS One. 2012;7(12):e51330. doi: 10.1371/journal.pone.0051330. Epub 2012 Dec 5.

## Niacin

[Niacin lipid efficacy is independent of both the niacin receptor GPR109A and free fatty acid suppression.](#)

Lauring B, Taggart AK, Tata JR, Dunbar R, Caro L, Cheng K, Chin J, Colletti SL, Cote J, Khalilieh S, Liu J, Luo WL, Maclean AA, Peterson LB, Polis AB, Sirah W, Wu TJ, Liu X, Jin L, Wu K, Boatman PD, Semple G, Behan DP, Connolly DT, Lai E, Wagner JA, Wright SD, Cuffie C, Mitchel YB, Rader DJ, Paolini JF, Waters MG, Plump A.

Sci Transl Med. 2012 Aug 22;4(148):148ra115. doi:

10.1126/scitranslmed.3003877.

## Vitamin C

[The discovery of vitamin C.](#)

Carpenter KJ.

Ann Nutr Metab. 2012;61(3):259-64. doi: 10.1159/000343121. Epub 2012 Nov 26.

[Vitamin C supplementation in relation to inflammation in individuals with atrophic gastritis: a randomised controlled trial in Japan.](#)

Ma E, Sasazuki S, Sasaki S, Tsubono Y, Okubo S, Tsugane S.

Br J Nutr. 2013 Mar 28;109(6):1089-95. doi: 10.1017/S0007114512002954.

Epub 2012 Jul 24.

[Molecular and cellular mechanisms of cigarette smoke-induced myocardial injury: prevention by vitamin C.](#)

Das A, Dey N, Ghosh A, Das S, Chattopadhyay DJ, Chatterjee IB.

PLoS One. 2012;7(9):e44151. doi: 10.1371/journal.pone.0044151. Epub 2012

Sep 6.

[Ascorbic acid blocks hyperglycemic impairment of endothelial function in adolescents with type 1 diabetes.](#)

Hoffman RP, Dye AS, Bauer JA.  
Pediatr Diabetes. 2012 Dec;13(8):607-10. doi: 10.1111/j.1399-5448.2012.00882.x. Epub 2012 Aug 28.

[Human skeletal muscle ascorbate is highly responsive to changes in vitamin C intake and plasma concentrations.](#)

Carr AC, Bozonet SM, Pullar JM, Simcock JW, Vissers MC.  
Am J Clin Nutr. 2013 Apr;97(4):800-7. doi: 10.3945/ajcn.112.053207. Epub 2013 Feb 27.

[Radical scavenging capacity in human skin before and after vitamin C uptake: an in vivo feasibility study using electron paramagnetic resonance spectroscopy.](#)

Lauer AC, Groth N, Haag SF, Darvin ME, Lademann J, Meinke MC.  
J Invest Dermatol. 2013 Apr;133(4):1102-4. doi: 10.1038/jid.2012.420. Epub 2012 Nov 29. No abstract available.

[Towards evidence based emergency medicine: Best BETs from the Manchester Royal Infirmary. BET 3: Vitamin C in severe burns.](#)

Ghanayem H.  
Emerg Med J. 2012 Dec;29(12):1017-8. doi: 10.1136/emered-2012-202054.4. Review.

[High-dose supplements of vitamins C and E, low-dose multivitamins, and the risk of age-related cataract: a population-based prospective cohort study of men.](#)

Zheng Selin J, Rautiainen S, Lindblad BE, Morgenstern R, Wolk A.  
Am J Epidemiol. 2013 Mar 15;177(6):548-55. doi: 10.1093/aje/kws279. Epub 2013 Feb 17.

[Vitamin C status and perception of effort during exercise in obese adults adhering to a calorie-reduced diet.](#)

Huck CJ, Johnston CS, Beezhold BL, Swan PD.  
Nutrition. 2013 Jan;29(1):42-5. doi: 10.1016/j.nut.2012.01.021. Epub 2012 Jun 5.

[Vitamin C and oxidative stress in the seminiferous epithelium.](#)

Angulo C, Maldonado R, Pulgar E, Mancilla H, Córdova A, Villarroel F, Castro MA, Concha II.  
Biol Res. 2011;44(2):169-80. doi: /S0716-97602011000200009. Epub 2011 Sep 20.

[The effects of vitamins C and B12 on human nasal ciliary beat frequency.](#)

Jiao J, Meng N, Wang H, Zhang L.  
BMC Complement Altern Med. 2013 May 20;13(1):110. [Epub ahead of print]

[Intakes of vitamin C and carotenoids and risk of amyotrophic lateral sclerosis: pooled results from 5 cohort studies.](#)

Fitzgerald KC, O'Reilly ÉJ, Fondell E, Falcone GJ, McCullough ML, Park Y, Kolonel LN, Ascherio A.  
Ann Neurol. 2013 Feb;73(2):236-45. doi: 10.1002/ana.23820. Epub 2013 Jan 29.

## Vitamin D

[Targeting dietary vitamin D intakes and plasma 25-hydroxyvitamin D in healthy infants.](#)

Abrams SA.  
JAMA. 2013 May 1;309(17):1830-1. doi: 10.1001/jama.2013.4149. No abstract available.

[Effect of different dosages of oral vitamin D supplementation on vitamin D status in healthy, breastfed infants: a randomized trial.](#)

Gallo S, Comeau K, Vanstone C, Agellon S, Sharma A, Jones G, L'Abbé M, Khamessan A, Rodd C, Weiler H.  
JAMA. 2013 May 1;309(17):1785-92. doi: 10.1001/jama.2013.3404.

[Improving the vitamin D status of vitamin D deficient adults is associated with improved mitochondrial oxidative function in skeletal muscle.](#)

Sinha A, Hollingsworth KG, Ball S, Cheetham T.  
J Clin Endocrinol Metab. 2013 Mar;98(3):E509-13. doi: 10.1210/jc.2012-3592. Epub 2013 Feb 7.

[Serum concentrations of 1,25-dihydroxyvitamin D2 and 1,25-dihydroxyvitamin D3 in response to vitamin D2 and vitamin D3 supplementation.](#)

Biancuzzo RM, Clarke N, Reitz RE, Travison TG, Holick MF.  
J Clin Endocrinol Metab. 2013 Mar;98(3):973-9. doi: 10.1210/jc.2012-2114. Epub 2013 Feb 5.

[Active vitamin D \(1,25-dihydroxyvitamin D\) and bone health in middle-aged and elderly men: the European Male Aging Study \(EMAS\).](#)

Vanderschueren D, Pye SR, O'Neill TW, Lee DM, Jans I, Billen J, Gielen E, Laurent M, Claessens F, Adams JE, Ward KA, Bartfai G, Casanueva FF, Finn JD, Forti G, Giwercman A, Han TS, Huhtaniemi IT, Kula K, Lean ME, Pendleton N, Punab M, Wu FC, Boonen S; EMAS Study Group.  
J Clin Endocrinol Metab. 2013 Mar;98(3):995-1005. doi: 10.1210/jc.2012-2772. Epub 2013 Feb 5.

[Effects of vitamin D supplementation in older African American women.](#)

Gallagher JC, Peacock M, Yalamanchili V, Smith LM.  
J Clin Endocrinol Metab. 2013 Mar;98(3):1137-46. doi: 10.1210/jc.2012-3106. Epub 2013 Feb 5.



[Analysis and quantification of vitamin D metabolites in serum by ultra-performance liquid chromatography coupled to tandem mass spectrometry and high-resolution mass spectrometry--a method comparison and validation.](#)

Bruce SJ, Rochat B, Béguin A, Pesse B, Guessous I, Boulat O, Henry H. Rapid Commun Mass Spectrom. 2013 Jan 15;27(1):200-6. doi: 10.1002/rcm.6439.

[Long-term vitamin D3 supplementation is more effective than vitamin D2 in maintaining serum 25-hydroxyvitamin D status over the winter months.](#)

Logan VF, Gray AR, Peddie MC, Harper MJ, Houghton LA. Br J Nutr. 2013 Mar 28;109(6):1082-8. doi: 10.1017/S0007114512002851. Epub 2012 Jul 11.

[Vitamin D action: lessons learned from hereditary 1,25-dihydroxyvitamin-D-resistant rickets patients.](#)

Tiosano D, Gepstein V. Curr Opin Endocrinol Diabetes Obes. 2012 Dec;19(6):452-9. doi: 10.1097/MED.0b013e32835a3415. Review.

[Should we be recommending vitamin D supplementation for hypertension and cardiovascular disease prevention?](#)

Cohen DL, Townsend RR. J Clin Hypertens (Greenwich). 2012 Nov;14(11):816-8. doi: 10.1111/jch.12010. Epub 2012 Oct 5. No abstract available.

[Influence of high levels of cloud cover on vitamin D effective and erythemal solar UV irradiances.](#)

Parisi AV, Turnbull DJ, Downs NJ. Photochem Photobiol Sci. 2012 Dec;11(12):1855-9. doi: 10.1039/c2pp25160d.

[Hypophosphatemic rickets.](#)

Baroncelli GI, Toschi B, Bertelloni S. Curr Opin Endocrinol Diabetes Obes. 2012 Dec;19(6):460-7. doi: 10.1097/MED.0b013e328358be97. Review.

[The effects of a mid-winter 8-week course of sub-sunburn sunbed exposures on tanning, vitamin D status and colds.](#)

de Gruijl FR, Pavel S. Photochem Photobiol Sci. 2012 Dec;11(12):1848-54. doi: 10.1039/c2pp25179e.

[Risk factors for secondary hyperparathyroidism after bariatric surgery: a comparison of 4 different operations and of vitamin D-receptor-polymorphism.](#)

Toelle P, Peterli R, Zobel I, Noppen C, Christoffel-Courtin C, Peters T. Exp Clin Endocrinol Diabetes. 2012 Nov;120(10):629-34. doi: 10.1055/s-0032-1321811. Epub 2012 Oct 16.

[1 \$\alpha\$ ,25 dihydroxyvitamin D<sub>3</sub> enhances cellular defences against UV-induced oxidative and other forms of DNA damage in skin.](#)

Gordon-Thomson C, Gupta R, Tongkao-on W, Ryan A, Halliday GM, Mason RS. Photochem Photobiol Sci. 2012 Dec;11(12):1837-47. doi: 10.1039/c2pp25202c.

[Serum 25-hydroxyvitamin D, osteocalcin, and parathormone status in children with meningomyelocele.](#)

Okurowska-Zawada B, Kozerska A, Żelazowska B, Kućak W, Wasilewska A, Wysocka J. Neuropediatrics. 2012 Dec;43(6):314-9. doi: 10.1055/s-0032-1327126. Epub 2012 Sep 24.

[Low serum levels of vitamin D in idiopathic inflammatory myopathies.](#)

Azali P, Barbasso Helmers S, Kockum I, Olsson T, Alfredsson L, Charles PJ, Piehl Aulin K, Lundberg IE. Ann Rheum Dis. 2013 Apr;72(4):512-6. doi: 10.1136/annrheumdis-2012-201849. Epub 2012 Sep 19.

[Protective actions of vitamin D in UVB induced skin cancer.](#)

Bikle DD. Photochem Photobiol Sci. 2012 Dec;11(12):1808-16. doi: 10.1039/c2pp25251a. Review.

[Serum 25\(OH\)D is a 2-year predictor of all-cause mortality, cardiac death and sudden cardiac death in chest pain patients from Northern Argentina.](#)

Naesgaard PA, León De La Fuente RA, Nilsen ST, Woie L, Aarstrand T, Brede C, Staines H, Nilsen DW. PLoS One. 2012;7(9):e43228. doi: 10.1371/journal.pone.0043228. Epub 2012 Sep 6.

[Patients with polymorphic light eruption have decreased serum levels of 25-hydroxyvitamin-D<sub>3</sub> that increase upon 311 nm UVB photohardening.](#)

Gruber-Wackernagel A, Obermayer-Pietsch B, Byrne SN, Wolf P. Photochem Photobiol Sci. 2012 Dec;11(12):1831-6. doi: 10.1039/c2pp25188d.

[Vitamin D content of food and its contribution to vitamin D status: a brief overview and Australian focus.](#)

Liu J. Photochem Photobiol Sci. 2012 Dec;11(12):1802-7. doi: 10.1039/c2pp25150g.

[The role of vitamin D in cardiovascular disease: from present evidence to future perspectives.](#)

Brandenburg VM, Vervloet MG, Marx N. Atherosclerosis. 2012 Dec;225(2):253-63. doi: 10.1016/j.atherosclerosis.2012.08.005. Epub 2012 Aug 17. Review.

[Differential photoprotective effects of 1,25-dihydroxyvitamin D<sub>3</sub> and a low calcaemic deltanoid.](#)

Dixon KM, Sequeira VB, Deo SS, Mohan R, Posner GH, Mason RS.  
Photochem Photobiol Sci. 2012 Dec;11(12):1825-30. doi:  
10.1039/c2pp25208b.

[Vitamin D and drug-metabolising enzymes.](#)

Lindh JD, Björkhem-Bergman L, Eliasson E.  
Photochem Photobiol Sci. 2012 Dec;11(12):1797-801. doi:  
10.1039/c2pp25194a.

[Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial.](#)

Cao Y, Jones G, Cicuttini F, Winzenberg T, Wluka A, Sharman J, Nguo K, Ding C.  
Trials. 2012 Aug 6;13:131. doi: 10.1186/1745-6215-13-131.

[Increase in serum 25-hydroxyvitamin-D<sub>3</sub> in humans after solar exposure under natural conditions compared to artificial UVB exposure of hands and face.](#)

Datta P, Bogh MK, Olsen P, Eriksen P, Schmedes AV, Grage MM, Philipsen PA, Wulf HC.  
Photochem Photobiol Sci. 2012 Dec;11(12):1817-24. doi:  
10.1039/c2pp25093d.

[Therapeutic implications of vitamin D and calcium in overweight women with polycystic ovary syndrome.](#)

Pal L, Berry A, Coraluzzi L, Kustan E, Danton C, Shaw J, Taylor H.  
Gynecol Endocrinol. 2012 Dec;28(12):965-8. doi:  
10.3109/09513590.2012.696753. Epub 2012 Jul 11.

[Can supplementation with vitamin D reduce the risk or modify the course of autoimmune diseases? A systematic review of the literature.](#)

Antico A, Tampoia M, Tozzoli R, Bizzaro N.  
Autoimmun Rev. 2012 Dec;12(2):127-36. doi: 10.1016/j.autrev.2012.07.007.  
Epub 2012 Jul 7. Review.

[The relationship between Th1/Th2 balance and 1 \$\alpha\$ ,25-dihydroxyvitamin D<sub>3</sub> in patients with nasal polyposis.](#)

Ozkara S, Keles E, Ilhan N, Gungor H, Kaygusuz I, Alpay HC.  
Eur Arch Otorhinolaryngol. 2012 Dec;269(12):2519-24. doi: 10.1007/s00405-012-1967-x. Epub 2012 Feb 23.

[Vitamin D insufficiency and mild cognitive impairment: cross-sectional association.](#)

Annweiler C, Fantino B, Schott AM, Krolak-Salmon P, Allali G, Beauchet O.  
Eur J Neurol. 2012 Jul;19(7):1023-9. doi: 10.1111/j.1468-1331.2012.03675.x. Epub 2012 Feb 16.

[Should 25-hydroxyvitamin D and bone density using DXA be tested in adolescents with lumbar stress fractures of the pars interarticularis?](#)

McClellan JW 3rd, Vernon BA, White MA, Stamm S, Ryschon KL.  
J Spinal Disord Tech. 2012 Dec;25(8):426-8. doi:  
10.1097/BSD.0b013e31823f324f.

[Vitamin D deficiency is associated with significant coronary stenoses in asymptomatic African American chronic cocaine users.](#)

Lai H, Fishman EK, Gerstenblith G, Brinker JA, Tong W, Bhatia S, Detrick B, Lai S.  
Int J Cardiol. 2012 Jul 12;158(2):211-6. doi: 10.1016/j.ijcard.2011.01.032.  
Epub 2011 Feb 3.

[Effect of vitamin D supplementation on blood pressure in blacks.](#)

Forman JP, Scott JB, Ng K, Drake BF, Suarez EG, Hayden DL, Bennett GG, Chandler PD, Hollis BW, Emmons KM, Giovannucci EL, Fuchs CS, Chan AT.  
Hypertension. 2013 Apr;61(4):779-85. doi:  
10.1161/HYPERTENSIONAHA.111.00659.

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