

Barbara J Boucher

List of Publications by Year in descending order

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121
papers

6,606
citations

81900

39
h-index

62596

80
g-index

123
all docs

123
docs citations

123
times ranked

7194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Differential Effects of Oral Boluses of Vitamin D2 vs Vitamin D3 on Vitamin D Metabolism: A Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5831-5839. | 3.6 | 26 |
| 20 | Why Secondary Analyses in Vitamin D Clinical Trials Are Important and How to Improve Vitamin D Clinical Trial Outcome Analyses? A Comment on "Extra-Skeletal Effects of Vitamin D, <i>Nutrients</i> 2019, 11, 1460". <i>Nutrients</i> , 2019, 11, 2182. | 4.1 | 19 |
| 21 | Comment on Di Marco, N., Kaufman, J., Rodda, C.P. Shedding Light on Vitamin D Status and Its Complexities during Pregnancy, Infancy and Childhood: An Australian Perspective. <i>Int. J. Environ. Res. Public Health</i> 2019, 16 (4), 538, doi:10.3390/ijerph16040538. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1373. | 2.6 | 2 |
| 22 | Validating the effects of correcting vitamin D deficiency; time for reappraisal of clinical trial design. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2019, 112, 747-748. | 0.5 | 1 |
| 23 | Why vitamin D clinical trials should be based on 25-hydroxyvitamin D concentrations. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 266-269. | 2.5 | 82 |
| 24 | Vitamin D status and its management for achieving optimal health benefits in the elderly. <i>Expert Review of Endocrinology and Metabolism</i> , 2018, 13, 279-293. | 2.4 | 12 |
| 25 | Adiposity, vitamin D requirements, and clinical implications for obesity-related metabolic abnormalities. <i>Nutrition Reviews</i> , 2018, 76, 678-692. | 5.8 | 61 |
| 26 | Vitamin D, Obesity, and the Metabolic Syndrome. , 2018, , 425-444. | | 3 |
| 27 | Genetic and non-genetic effects of increased sun and vitamin D exposure: role in the observed healthy changes in cardiometabolic risk factors in Iranian children. <i>Public Health Nutrition</i> , 2018, 21, 3125-3128. | 2.2 | 0 |
| 28 | Seasonal variations of U.S. mortality rates: Roles of solar ultraviolet-B doses, vitamin D, gene expression, and infections. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 5-12. | 2.5 | 30 |
| 29 | Vitamin D and chronic diseases: the current state of the art. <i>Archives of Toxicology</i> , 2017, 91, 97-107. | 4.2 | 108 |
| 30 | Randomized controlled trials of vitamin D and cancer incidence: A modeling study. <i>PLoS ONE</i> , 2017, 12, e0176448. | 2.5 | 40 |
| 31 | Exploring the Role of Vitamin D. Comments on Fleury et al. Sun Exposure and Its Effects on Human Health: Mechanisms through Which Sun Exposure Could Reduce the Risk of Developing Obesity and Cardiometabolic Dysfunction. <i>Int. J. Environ. Res. Public Health</i> 2016, 13, 999. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 1256. | 2.6 | 3 |
| 32 | Calcium, vitamin D, casein and whey protein intakes and periodontitis among Danish adults. <i>Public Health Nutrition</i> , 2016, 19, 503-510. | 2.2 | 45 |
| 33 | Longer Duration and Earlier Age of Onset of Paternal Betel Chewing and Smoking Increase Metabolic Syndrome Risk in Human Offspring, Independently, in a Community-Based Screening Program in Taiwan. <i>Circulation</i> , 2016, 134, 392-404. | 1.6 | 25 |
| 34 | Do studies reporting "U-shaped serum 25-hydroxyvitamin D" health outcome relationships reflect adverse effects?. <i>Dermato-Endocrinology</i> , 2016, 8, e1187349. | 1.8 | 86 |
| 35 | Re: Prime mover or fellow traveller: 25-hydroxyvitamin D's seasonal variation, cardiovascular disease and death in the Scottish Heart Health Extended Study. <i>International Journal of Epidemiology</i> , 2016, 45, 287-289. | 1.9 | 1 |
| 36 | Interactions between uncoupling protein 2 gene polymorphisms, obesity and alcohol intake on liver function: a large meta-analysed population-based study. <i>European Journal of Endocrinology</i> , 2015, 173, 863-872. | 3.7 | 7 |

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|----|---|------|-----------|
| 37 | Neonatal vitamin A: time to move on?. <i>Lancet, The</i> , 2015, 386, 133-134. | 13.7 | 4 |
| 38 | “Maternal High Fat Diet Programs Rat Offspring Liver Fatty Acid Metabolism” Might Reduced Vitamin D Availability Due to Increases in Maternal Body Fat Contribute to This Effect?. <i>Lipids</i> , 2015, 50, 837-838. | 1.7 | 2 |
| 39 | Early Pregnancy Maternal Vitamin <sc>D</sc> Concentrations and Risk of Gestational Diabetes Mellitus. <i>Paediatric and Perinatal Epidemiology</i> , 2015, 29, 196-199. | 1.7 | 2 |
| 40 | Matrix metalloproteinase-10 and microvascular complications of type 1 diabetes: might vitamin D status be relevant?. <i>Diabetologia</i> , 2014, 57, 1081-1081. | 6.3 | 5 |
| 41 | Causal link between vitamin D deficiency and ill health still possible. <i>BMJ, The</i> , 2014, 348, g2923-g2923. | 6.0 | 4 |
| 42 | Intakes of calcium, vitamin D, and dairy servings and dental plaque in older Danish adults. <i>Nutrition Journal</i> , 2013, 12, 61. | 3.4 | 16 |
| 43 | Modulation of hypovitaminosis D-induced islet dysfunction and insulin resistance through direct suppression of the pancreatic islet renin-angiotensin system in mice. <i>Diabetologia</i> , 2013, 56, 553-562. | 6.3 | 61 |
| 44 | Diabetes and cancer: Could vitamin D provide the link?. <i>Journal of Diabetes and Its Complications</i> , 2013, 27, 184-190. | 2.3 | 6 |
| 45 | Vitamin D Deficiency May Contribute to the Explanation of the Link Between Chronic Periodontitis and Erectile Dysfunction. <i>Journal of Sexual Medicine</i> , 2013, 10, 2353-2354. | 0.6 | 10 |
| 46 | Calcium supplements may increase the risk of cardiovascular events in postmenopausal women. <i>Evidence-Based Medicine</i> , 2012, 17, 16-17. | 0.6 | 9 |
| 47 | Curcumin and diabetes: a role for the vitamin D receptor?. <i>British Journal of Nutrition</i> , 2012, 108, 2104-2104. | 2.3 | 2 |
| 48 | Is vitamin D status relevant to metabolic syndrome?. <i>Dermato-Endocrinology</i> , 2012, 4, 212-224. | 1.8 | 36 |
| 49 | Might hypovitaminosis D aggravate endothelial dysfunction-related increases in arterial stiffness seen in patients with hypertension and type 2 diabetes?. <i>Diabetologia</i> , 2012, 55, 3141-3141. | 6.3 | 1 |
| 50 | Intake of Dairy Products in Relation to Periodontitis in Older Danish Adults. <i>Nutrients</i> , 2012, 4, 1219-1229. | 4.1 | 63 |
| 51 | Re “Nutritional risk factors for development of postpartum prediabetes and diabetes in women with gestational diabetes mellitus” by Kim et al.. <i>Nutrition</i> , 2012, 28, 112. | 2.4 | 0 |
| 52 | The problems of vitamin d insufficiency in older people. , 2012, 3, 313-29. | | 44 |
| 53 | Relationship of vitamin D status to adult lung function and COPD. <i>Thorax</i> , 2011, 66, 692-698. | 5.6 | 95 |
| 54 | Maternal vitamin D status during pregnancy and body composition and cardiovascular risk markers in Indian children: the Mysore Parthenon Study. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 628-635. | 4.7 | 120 |

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|----|--|-----|-----------|
| 55 | Vitamin D Insufficiency and Diabetes Risks. <i>Current Drug Targets</i> , 2011, 12, 61-87. | 2.1 | 107 |
| 56 | Endothelial dysfunction has vitamin D a role?. <i>Diabetic Medicine</i> , 2011, 28, 125-126. | 2.3 | 1 |
| 57 | Association of vitamin D status with knee pain and radiographic knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2011, 19, 1301-1306. | 1.3 | 83 |
| 58 | Serum Vitamin D Concentrations and Unexplained Elevation in ALT Among US Adults. <i>Digestive Diseases and Sciences</i> , 2011, 56, 2499-2500. | 2.3 | 0 |
| 59 | Low vitamin D status likely contributes to the link between periodontal disease and breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011, 128, 907-908. | 2.5 | 8 |
| 60 | A novel role for vitamin D: modulation of expression and function of the local renin-angiotensin system in mouse pancreatic islets. <i>Diabetologia</i> , 2011, 54, 2077-2081. | 6.3 | 66 |
| 61 | Comment on Jia <i>et al.</i> . <i>British Journal of Nutrition</i> , 2011, 106, 1763-1763. | 2.3 | 0 |
| 62 | Inbuilt Mechanisms for Overcoming Functional Problems Inherent in Hepatic Microlobular Structure. <i>Computational and Mathematical Methods in Medicine</i> , 2011, 2011, 1-8. | 1.3 | 3 |
| 63 | The 2010 recommendations of the American Institute of Medicine for daily intakes of vitamin D. <i>Public Health Nutrition</i> , 2011, 14, 740-740. | 2.2 | 13 |
| 64 | The Multiple Roles of Vitamin D in Human Health. A Mini-Review. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2011, 11, 220-227. | 0.5 | 0 |
| 65 | Re Yu <i>et al.</i> The natural history of treated and untreated primary hyperparathyroidism: the Parathyroid Epidemiology and Audit Research Study. <i>Q J Med</i> 2011; 104:513-521. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2011, 104, 1107-1108. | 0.5 | 1 |
| 66 | Requirements for Vitamin D Across the Life Span. <i>Biological Research for Nursing</i> , 2011, 13, 120-133. | 1.9 | 26 |
| 67 | Should we be giving enhanced vitamin D intakes to all?. <i>Journal of the Royal College of Physicians of Edinburgh, The</i> , 2011, 41, 324-329. | 0.6 | 1 |
| 68 | Need to be implemented in UK. <i>BMJ: British Medical Journal</i> , 2011, 342, d444-d444. | 2.3 | 0 |
| 69 | Avoidance of vitamin D deficiency in pregnancy in the United Kingdom: the case for a unified approach in National policy. <i>British Journal of Nutrition</i> , 2010, 104, 309-314. | 2.3 | 54 |
| 70 | Response: Primary biliary cirrhosis is associated with falls and significant fall related injury. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2010, 103, 437-437. | 0.5 | 1 |
| 71 | Eating Fish and Risk of Type 2 Diabetes: A Population-Based, Prospective Follow-Up Study: Comment on van Woudenberg <i>et al.</i> . <i>Diabetes Care</i> , 2010, 33, e125-e125. | 8.6 | 5 |
| 72 | Are Hill's criteria for causality satisfied for vitamin D and periodontal disease?. <i>Dermato-Endocrinology</i> , 2010, 2, 30-36. | 1.8 | 45 |

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|----|--|------|-----------|
| 73 | Predicting ambient ultraviolet from routine meteorological data; its potential use as an instrumental variable for vitamin D status in pregnancy in a longitudinal birth cohort in the UK. <i>International Journal of Epidemiology</i> , 2009, 38, 1681-1688. | 1.9 | 33 |
| 74 | Impact of chewing betel-nut (<i>Areca catechu</i>) on liver cirrhosis and hepatocellular carcinoma: a population-based study from an area with a high prevalence of hepatitis B and C infections. <i>Public Health Nutrition</i> , 2009, 12, 129-135. | 2.2 | 50 |
| 75 | Does vitamin D status contribute to caveolin-1-mediated insulin sensitivity in skeletal muscle?. <i>Diabetologia</i> , 2009, 52, 2240-2240. | 6.3 | 5 |
| 76 | 1,25-Dihydroxyvitamin D ₃ inhibits matrix metalloproteinases induced by <i>Mycobacterium tuberculosis</i> infection. <i>Immunology</i> , 2009, 127, 539-548. | 4.4 | 141 |
| 77 | Vitamin D insufficiency is common in Indian mothers but is not associated with gestational diabetes or variation in newborn size. <i>European Journal of Clinical Nutrition</i> , 2009, 63, 646-652. | 2.9 | 209 |
| 78 | Maternal Dietary Patterns During Pregnancy and Childhood Bone Mass: A Longitudinal Study. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 663-668. | 2.8 | 97 |
| 79 | Vitamin D and type 2 diabetes. <i>Primary Care Diabetes</i> , 2009, 3, 115-116. | 1.8 | 21 |
| 80 | Comment on "vitamin D discovery outpaces FDA decision making". <i>BioEssays</i> , 2008, 30, 508-509. | 2.5 | 1 |
| 81 | Baseline Serum 25-Hydroxy Vitamin D Is Predictive of Future Glycemic Status and Insulin Resistance. <i>Diabetes</i> , 2008, 57, 2619-2625. | 0.6 | 525 |
| 82 | 25-Hydroxyvitamin D, IGF-1, and Metabolic Syndrome at 45 Years of Age. <i>Diabetes</i> , 2008, 57, 298-305. | 0.6 | 341 |
| 83 | Dietary supplement use and mortality in a cohort of Swedish men – comments by Boucher. <i>British Journal of Nutrition</i> , 2008, 100, 1345-1345. | 2.3 | 0 |
| 84 | The urgent need to recommend an intake of vitamin D that is effective. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 649-650. | 4.7 | 591 |
| 85 | Inverse correlation between serum free IGF-1 and IGFBP-3 levels and blood pressure in patients affected with type 1 diabetes – by Capoluongo et al.. <i>Cytokine</i> , 2007, 37, 181-182. | 3.2 | 9 |
| 86 | Vitamin D status and bone mass in UK South Asian women. <i>Bone</i> , 2007, 40, 1182. | 2.9 | 2 |
| 87 | Metabolic Acidosis and Other Determinants of Hemoglobin-Oxygen Dissociation in Severe Childhood <i>Plasmodium falciparum</i> Malaria. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 77, 256-260. | 1.4 | 16 |
| 88 | Maternal vitamin D status during pregnancy and childhood bone mass at age 9 years: a longitudinal study. <i>Lancet</i> , The, 2006, 367, 36-43. | 13.7 | 707 |
| 89 | Transgenerational effects of betel-quid chewing on the development of the metabolic syndrome in the Keelung Community-based Integrated Screening Program. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 688-692. | 4.7 | 71 |
| 90 | A population-based study of the association between betel-quid chewing and the metabolic syndrome in men. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 1153-1160. | 4.7 | 96 |

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|-----|---|------|-----------|
| 91 | Dietary risk factors for the emergence of type 1 diabetes-related autoantibodies in 2½-year-old Swedish children – Comments by Boucher. <i>British Journal of Nutrition</i> , 2006, 96, 991-991. | 2.3 | 0 |
| 92 | Hypovitaminosis D and risk of Type 2 diabetes in British South Asians. <i>Diabetic Medicine</i> , 2006, 23, 336-336. | 2.3 | 13 |
| 93 | Type 2 diabetes in rural and urban population: diverse prevalence and associated risk factors in Bangladesh. <i>Diabetic Medicine</i> , 2006, 23, 450-450. | 2.3 | 2 |
| 94 | Comment on: Gale EAM (2005) Spring harvest? Reflections on the rise of type 1 diabetes. <i>Diabetologia</i> 48:2245–2250; and Walker M, Mari A, Jayapaul MK et al (2005) Impaired beta cell glucose sensitivity and whole-body insulin sensitivity as predictors of hyperglycaemia in non-diabetic subjects. <i>Diabetologia</i> 48:2470–2476. <i>Diabetologia</i> , 2006, 49, 1129-1130. | 6.3 | 5 |
| 95 | Comment on: Tseng C-H, Tseng C-P, Chong C-K et al (2006) Increasing incidence of diagnosed type 2 diabetes in Taiwan: analysis of data from a national cohort. <i>Diabetologia</i> 49:1755–1760. <i>Diabetologia</i> , 2006, 50, 241-241. | 6.3 | 0 |
| 96 | Vitamin D Metabolism in Peripheral Blood Mononuclear Cells Is Influenced by Chewing –Betel Nut– (Areca catechu) and Vitamin D Status. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2612-2617. | 3.6 | 51 |
| 97 | Postprandial hypotension in the elderly: what is the metabolic chain of events?. <i>British Journal of Nutrition</i> , 2005, 94, 865-865. | 2.3 | 0 |
| 98 | Association between fasting glucose and C-reactive protein in middle-aged subjects. <i>Diabetic Medicine</i> , 2005, 22, 508-509. | 2.3 | 27 |
| 99 | Hypovitaminosis D is associated with reductions in serum apolipoprotein A-I but not with fasting lipids in British Bangladeshis. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 517-522. | 4.7 | 73 |
| 100 | Reduced cardiovascular mortality in oral 1- α -hydroxy vitamin D3 users in a haemodialysis population; do CRP and MMP markers of inflammation reflect this finding?. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 846-846. | 0.7 | 2 |
| 101 | Hypovitaminosis D is associated with reductions in serum apolipoprotein A-I but not with fasting lipids in British Bangladeshis. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 517-522. | 4.7 | 31 |
| 102 | Hypovitaminosis D is associated with insulin resistance and β^2 cell dysfunction. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 1666. | 4.7 | 24 |
| 103 | A population-based study of the association between areca nut chewing and Type 2 diabetes mellitus in men (Keelung Community-based Integrated Screening programme No. 2). <i>Diabetologia</i> , 2004, 47, 1776-1781. | 6.3 | 88 |
| 104 | to: Weets I, Kaufman L, Van der Auwera B et al. (2004) Seasonality in clinical onset of Type 1 diabetes in Belgian patients above the age of 10 is restricted to HLA-DQ2/DQ8-negative males, which explains the male to female excess in incidence. <i>Diabetologia</i> 47:614–621. <i>Diabetologia</i> , 2004, 47, 1858-1858. | 6.3 | 0 |
| 105 | Serum Retinol Levels and Fracture Risk. <i>New England Journal of Medicine</i> , 2003, 348, 1927-1928. | 27.0 | 11 |
| 106 | Maternal and postnatal vitamin D ingestion influences rat aortic structure, function and elastin content [<i>Cardiovasc. Res.</i> 2002;55:369–374]. <i>Cardiovascular Research</i> , 2003, 57, 284-285. | 3.8 | 0 |
| 107 | Circulating MMP9, vitamin D and variation in the TIMP-1 response with VDR genotype: mechanisms for inflammatory damage in chronic disorders?. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2002, 95, 787-796. | 0.5 | 405 |
| 108 | Vitamin D Receptor (VDR) mRNA and VDR Protein Levels in Relation to Vitamin D Status, Insulin Secretory Capacity, and VDR Genotype in Bangladeshi Asians. <i>Diabetes</i> , 2002, 51, 2294-2300. | 0.6 | 243 |

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|-----|---|------|-----------|
| 109 | Expression of 25-hydroxyvitamin D-1- β -hydroxylase mRNA in individuals with colorectal cancer. <i>Lancet, The</i> , 2002, 359, 1831-1832. | 13.7 | 49 |
| 110 | Metabolic effects of the consumption of <i>Areca catechu</i> . <i>Addiction Biology</i> , 2002, 7, 103-110. | 2.6 | 220 |
| 111 | To the Editor.. <i>Metabolism: Clinical and Experimental</i> , 2002, 51, 1375-1375. | 3.4 | 4 |
| 112 | Sunlight – Dilemma. <i>Lancet, The</i> , 2001, 357, 961. | 13.7 | 9 |
| 113 | Letter to the Editor. <i>International Journal of Cancer</i> , 2001, 91, 592-592. | 5.1 | 12 |
| 114 | Hospital admissions for asthma and chronic obstructive airways disease in East London hospitals and proximity of residence to main roads. <i>Journal of Epidemiology and Community Health</i> , 2000, 54, 75-76. | 3.7 | 22 |
| 115 | Vitamin A Supplementation for Extremely-Low-Birth-Weight Infants. <i>New England Journal of Medicine</i> , 1999, 341, 1697-1698. | 27.0 | 4 |
| 116 | Vitamin D receptor gene polymorphisms influence insulin secretion in Bangladeshi Asians. <i>Diabetes</i> , 1998, 47, 688-690. | 0.6 | 125 |
| 117 | Inadequate vitamin D status: does it contribute to the disorders comprising syndrome "X"? <i>British Journal of Nutrition</i> , 1998, 79, 315-327. | 2.3 | 214 |
| 118 | Glucose intolerance is associated with altered calcium homeostasis: A possible link between increased serum calcium concentration and cardiovascular disease mortality. <i>Metabolism: Clinical and Experimental</i> , 1997, 46, 1171-1177. | 3.4 | 98 |
| 119 | Allelic variation in the vitamin D receptor influences susceptibility to IDDM in Indian Asians. <i>Diabetologia</i> , 1997, 40, 971-975. | 6.3 | 156 |
| 120 | Letter: Diabetes in British South Asians: nature, nurture, and culture. , 1997, 14, 707-708. | | 4 |
| 121 | Sex differences in the foetal pelvis. <i>American Journal of Physical Anthropology</i> , 1957, 15, 581-600. | 2.1 | 93 |