

# Barbara C Pence

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,541  
citations

361413

20  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1285  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Selenium compounds have disparate abilities to impose oxidative stress and induce apoptosis. <i>Free Radical Biology and Medicine</i> , 1999, 26, 42-48.  | 2.9 | 253       |
| 2  | Inhibition of dietary fat-promoted colon carcinogenesis in rats by supplemental calcium or vitamin D3. <i>Carcinogenesis</i> , 1988, 9, 187-190.  | 2.8 | 208       |
| 3  | Antioxidant Nutrients Protect Against UVB-Induced Oxidative Damage to DNA of Mouse Keratinocytes in Culture. <i>Journal of Investigative Dermatology</i> , 1996, 106, 1086-1089.                                  | 0.7 | 126       |
| 4  | Effects of Single-Dose Ultraviolet Radiation on Skin Superoxide Dismutase, Catalase, and Xanthine Oxidase in Hairless Mice. <i>Journal of Investigative Dermatology</i> , 1990, 95, 213-216.                      | 0.7 | 102       |
| 5  | Induction of differentiation and apoptosis by sodium selenite in human colonic carcinoma cells (HT29). <i>Cancer Letters</i> , 1997, 117, 35-40.  | 7.2 | 88        |
| 6  | Effects of Dietary Selenium on UVB-Induced Skin Carcinogenesis and Epidermal Antioxidant Status. <i>Journal of Investigative Dermatology</i> , 1994, 102, 759-761.  | 0.7 | 87        |
| 7  | Fluorescent Tissue Site-Selective Lanthanide Chelate, Tb-PCTMB for Enhanced Imaging of Cancer. <i>Analytical Chemistry</i> , 1999, 71, 2607-2615.   | 6.5 | 86        |
| 8  | Role of calcium in colon cancer prevention: Experimental and clinical studies. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 290, 87-95.                                 | 1.0 | 82        |
| 9  | Effects of ganoderma lucidum on apoptotic and anti-inflammatory function in HT-29 human colonic carcinoma cells. <i>Phytotherapy Research</i> , 2004, 18, 768-770.  | 5.8 | 68        |
| 10 | Chemopreventive effects of calcium but not aspirin supplementation in cholic acid-promoted colon carcinogenesis: correlation with intermediate endpoints. <i>Carcinogenesis</i> , 1995, 16, 757-765.              | 2.8 | 45        |
| 11 | Mitigation of Oxidative Damage by Green Tea Polyphenols and Tai Chi Exercise in Postmenopausal Women with Osteopenia. <i>PLoS ONE</i> , 2012, 7, e48090.  | 2.5 | 44        |
| 12 | Green tea polyphenols supplementation and Tai Chi exercise for postmenopausal osteopenic women: safety and quality of life report. <i>BMC Complementary and Alternative Medicine</i> , 2010, 10, 76.              | 3.7 | 37        |
| 13 | Changes in Colonic Antioxidant Status in Rats During Long-Term Feeding of Different High Fat Diets. <i>Journal of Nutrition</i> , 1991, 121, 1562-1569.   | 2.9 | 29        |
| 14 | Dietary Selenium and Antioxidant Status: Toxic Effects of 1,2-Dimethylhydrazine in Rats. <i>Journal of Nutrition</i> , 1991, 121, 138-144.  | 2.9 | 28        |
| 15 | Non-promoting effects of lean beef in the rat colon carcinogenesis model. <i>Carcinogenesis</i> , 1995, 16, 1157-1160.  | 2.8 | 28        |
| 16 | Feeding of a well-cooked beef diet containing a high heterocyclic amine content enhances colon and stomach carcinogenesis in 1,2-dimethylhydrazine-treated rats. <i>Nutrition and Cancer</i> , 1998, 30, 220-226. | 2.0 | 26        |
| 17 | Butyrate Alters Activity of Specific cAMP-Receptor Proteins in a Transgenic Mouse Colonic Cell Line. <i>Journal of Nutrition</i> , 1997, 127, 18-24.  | 2.9 | 24        |
| 18 | Green tea polyphenols and Tai Chi for bone health: Designing a placebo-controlled randomized trial. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 110.   | 1.9 | 24        |

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|----|---|-----|-----------|
| 19 | Inhibition of selenite-induced cytotoxicity and apoptosis in human colonic carcinoma (HT-29) cells by copper. <i>Nutrition and Cancer</i> , 1998, 32, 181-189.  | 2.0 | 21        |
| 20 | Effect of Dietary Selenium Deficiency on Incidence and Size of 1,2-Dimethylhydrazine-Induced Colon Tumors in Rats. <i>Journal of Nutrition</i> , 1985, 115, 1196-1202.                                      | 2.9 | 21        |
| 21 | Protective effects of calcium from nonfat dried milk against colon carcinogenesis in rats. <i>Nutrition and Cancer</i> , 1996, 25, 35-45.   | 2.0 | 17        |
| 22 | Non-promoting effects of iron from beef in the rat colon carcinogenesis model. <i>Cancer Letters</i> , 1997, 112, 87-91.  | 7.2 | 17        |
| 23 | Rat Colonic Antioxidant Status: Interaction of Dietary Fats with 1,2-Dimethylhydrazine Challenge1. <i>Journal of Nutrition</i> , 1992, 122, 278-282.  | 2.9 | 15        |
| 24 | Effects of Multiple Applications of Tumor Promoters and Ultraviolet Radiation on Epidermal Proliferation and Antioxidant Status. <i>Journal of Investigative Dermatology</i> , 1992, 99, 189-192.           | 0.7 | 15        |
| 25 | Effects of dietary calcium and vitamin D3 on tumor promotion in mouse skin. <i>Nutrition and Cancer</i> , 1991, 16, 171-181.  | 2.0 | 12        |
| 26 | Combination Aspirin and/or Calcium Chemoprevention with Colonoscopy in Colorectal Cancer Prevention: Cost-effectiveness Analyses. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 399-405. | 2.5 | 12        |
| 27 | High Cardiorespiratory Fitness Is Associated with Reduced Risk of Low Bone Density in Postmenopausal Women. <i>Journal of Women's Health</i> , 2016, 25, 1073-1080.   | 3.3 | 9         |
| 28 | Dietary lipid and iron modify normal colonic mucosa without affecting phospholipase A2 activity. <i>Cancer Letters</i> , 1995, 95, 181-187.   | 7.2 | 8         |
| 29 | Absence of PhIP adducts, p53 and Apc mutations, in rats fed a cooked beef diet containing a high level of heterocyclic amines. <i>Nutrition and Cancer</i> , 1998, 30, 227-231.                             | 2.0 | 8         |
| 30 | Prevention of Colorectal Cancer by Aspirin and/or Calcium: Efficacy, Mechanisms, and Cost Effectiveness. <i>Current Colorectal Cancer Reports</i> , 2012, 8, 51-56.   | 0.5 | 1         |
| 31 | IMAGING OF LANTHANIDE CHELATES FOR CANCER DETECTION AND CARCINOGENESIS INVESTIGATIONS. , 2000, , .  |     | 0         |
| 32 | Vitamin D, Cancer and Immunity. <i>Journal of Nutritional Immunology</i> , 1993, 2, 109-125.  | 0.1 | 0         |