

# Kirsten Brandt

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

3,343  
citations

172457

29  
h-index

144013

57  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4563  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Current analytical methods for determination of glucosinolates in vegetables and human tissues. <i>Journal of Chromatography A</i> , 2021, 1643, 462060.  | 3.7  | 16        |
| 2  | Commentary: Vitamin C and Metabolic Syndrome: A Meta-Analysis of Observational Studies. <i>Frontiers in Nutrition</i> , 2021, 8, 810716.  | 3.7  | 0         |
| 3  | Safety and tolerability of 6-month supplementation with a vitamin D, calcium and leucine-enriched whey protein medical nutrition drink in sarcopenic older adults. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 1501-1514.   | 2.9  | 14        |
| 4  | A Vitamin D, Calcium and Leucine-Enriched Whey Protein Nutritional Supplement Improves Measures of Bone Health in Sarcopenic Non-Malnourished Older Adults: The PROVIDE Study. <i>Calcified Tissue International</i> , 2019, 105, 383-391.  | 3.1  | 29        |
| 5  | Changes in stool frequency following chicory inulin consumption, and effects on stool consistency, quality of life and composition of gut microbiota. <i>Food Hydrocolloids</i> , 2019, 96, 688-698.  | 10.7 | 33        |
| 6  | Thirteen weeks of supplementation of vitamin D and leucine-enriched whey protein nutritional supplement attenuates chronic low-grade inflammation in sarcopenic older adults: the PROVIDE study. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 845-854.                         | 2.9  | 52        |
| 7  | Knowledge and beliefs about dietary inorganic nitrate among UK-based nutrition professionals: development and application of the KINDS online questionnaire. <i>BMJ Open</i> , 2019, 9, e030719.  | 1.9  | 7         |
| 8  | Sufficient levels of 25-hydroxyvitamin D and protein intake required to increase muscle mass in sarcopenic older adults – The PROVIDE study. <i>Clinical Nutrition</i> , 2018, 37, 551-557.   | 5.0  | 101       |
| 9  | Nutritional status, body composition, and quality of life in community-dwelling sarcopenic and non-sarcopenic older adults: A case-control study. <i>Clinical Nutrition</i> , 2017, 36, 267-274.  | 5.0  | 182       |
| 10 | A project to investigate the effects of carrot and other polyacetylene-rich vegetable consumption on biomarkers of chronic disease risk. <i>Acta Horticulturae</i> , 2017, , 149-154.   | 0.2  | 0         |
| 11 | Manipulation of Contents of Nitrate, Phenolic Acids, Chlorophylls, and Carotenoids in Lettuce ( <i>Lactuca sativa</i> L.) via Contrasting Responses to Nitrogen Fertilizer When Grown in a Controlled Environment. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10003-10010. | 5.2  | 30        |
| 12 | Testing the ability of plants to access potassium from framework silicate minerals. <i>Science of the Total Environment</i> , 2017, 574, 476-481.   | 8.0  | 39        |
| 13 | Effects of carrot powder intake after weaning on tumours in APCMin mice. <i>Proceedings of the Nutrition Society</i> , 2017, 76, .  | 1.0  | 1         |
| 14 | Vegetables and Fruit in the Prevention of Chronic Age-Related Diseases. , 2016, , 707-722.  |      | 1         |
| 15 | Exploring the dynamics of a free fruit at work intervention. <i>BMC Public Health</i> , 2016, 16, 839.  | 2.9  | 6         |
| 16 | Recovery of urinary nitrate from ingestion of high-nitrate lettuce in healthy young subjects. <i>Proceedings of the Nutrition Society</i> , 2016, 75, .   | 1.0  | 0         |
| 17 | Database of polyacetylene-containing foods for estimation of population intake. <i>Proceedings of the Nutrition Society</i> , 2016, 75, .   | 1.0  | 0         |
| 18 | Effects of temperature conditions during transport and storage on tomato fruit quality. <i>Acta Horticulturae</i> , 2016, , 317-322.  | 0.2  | 3         |

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|----|---|-----|-----------|
| 19 | Inorganic Nitrate Supplementation in Young and Old Obese Adults Does Not Affect Acute Glucose and Insulin Responses but Lowers Oxidative Stress. <i>Journal of Nutrition</i> , 2016, 146, 2224-2232.  | 2.9 | 33        |
| 20 | Retention of polyacetylenes and carotenoids in carrot during cooking. <i>Proceedings of the Nutrition Society</i> , 2016, 75, .   | 1.0 | 0         |
| 21 | Ageing modifies the effects of beetroot juice supplementation on 24-hour blood pressure variability: An individual participant meta-analysis. <i>Nitric Oxide - Biology and Chemistry</i> , 2015, 47, 97-105.   | 2.7 | 47        |
| 22 | Effects of Organic and Waste-Derived Fertilizers on Yield, Nitrogen and Glucosinolate Contents, and Sensory Quality of Broccoli ( <i>Brassica oleracea</i> L. var. <i>italica</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10757-10767.   | 5.2 | 23        |
| 23 | Effects of beetroot juice supplementation on microvascular blood flow in older overweight and obese subjects: a pilot randomised controlled study. <i>Journal of Human Hypertension</i> , 2015, 29, 511-513.  | 2.2 | 25        |
| 24 | Effects of handgrip exercise or inorganic nitrate supplementation on 24-h ambulatory blood pressure and peripheral arterial function in overweight and obese middle age and older adults: A pilot RCT. <i>Maturitas</i> , 2015, 82, 228-235.  | 2.4 | 32        |
| 25 | Effects of a Vitamin D and Leucine-Enriched Whey Protein Nutritional Supplement on Measures of Sarcopenia in Older Adults, the PROVIDE Study: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 740-747.   | 2.5 | 485       |
| 26 | IMPROVEMENT OF TOMATO PRODUCT QUALITY BY CHANGING TEMPERATURE CONDITIONS DURING THE FIRST 11 DAYS AFTER HARVEST. <i>Acta Horticulturae</i> , 2015, , 147-153.   | 0.2 | 1         |
| 27 | Long-Term Effect of Interactive Online Dietician Weight Loss Advice in General Practice (LIVA) Protocol for a Randomized Controlled Trial. <i>International Journal of Family Medicine</i> , 2014, 2014, 1-6.   | 1.2 | 10        |
| 28 | Comparison of silicate minerals as sources of potassium for plant nutrition in sandy soil. <i>European Journal of Soil Science</i> , 2014, 65, 653-662.   | 3.9 | 54        |
| 29 | Effects of a beetroot juice with high neobetanin content on the early-phase insulin response in healthy volunteers. <i>Journal of Nutritional Science</i> , 2014, 3, e9.  | 1.9 | 57        |
| 30 | Beetroot supplementation lowers daily systolic blood pressure in older, overweight subjects. <i>Nutrition Research</i> , 2014, 34, 868-875.   | 2.9 | 96        |
| 31 | Methods for Comparing Data across Differently Designed Agronomic Studies: Examples of Different Meta-analysis Methods Used to Compare Relative Composition of Plant Foods Grown Using Organic or Conventional Production Methods and a Protocol for a Systematic Review. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 7173-7180. | 5.2 | 22        |
| 32 | Hydroxylated phenylacetamides derived from bioactive benzoxazinoids are bioavailable in humans after habitual consumption of whole grain sourdough rye bread. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1859-1873.   | 3.3 | 48        |
| 33 | Are Organic Foods Safer or Healthier?. <i>Annals of Internal Medicine</i> , 2013, 158, 295.   | 3.9 | 0         |
| 34 | Data-driven strategy for the discovery of potential urinary biomarkers of habitual dietary exposure. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 377-389.   | 4.7 | 61        |
| 35 | Dietary exposure biomarker-lead discovery based on metabolomics analysis of urine samples. <i>Proceedings of the Nutrition Society</i> , 2013, 72, 352-361.   | 1.0 | 42        |
| 36 | Effect of carrot feeding to APC <sup>Min</sup> mouse on intestinal tumours. <i>Proceedings of the Nutrition Society</i> , 2013, 72, .   | 1.0 | 6         |

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|----|---|------|-----------|
| 37 | ANTINOCICEPTIVE ACTIVITIES OF HYPTIS CRENATA POHL. <i>Acta Horticulturae</i> , 2013, , 105-110.   | 0.2  | 1         |
| 38 | Effects of Bioactive Compounds from Carrots ( <i>Daucus carota</i> L.), Polyacetylenes, Beta-Carotene and Lutein on Human Lymphoid Leukaemia Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 640-652.   | 1.7  | 72        |
| 39 | Agroecosystem Management and Nutritional Quality of Plant Foods: The Case of Organic Fruits and Vegetables. <i>Critical Reviews in Plant Sciences</i> , 2011, 30, 177-197.  | 5.7  | 194       |
| 40 | Changes in contents of polyacetylenes and carotenoids in carrots kept at different temperatures after harvest. <i>Proceedings of the Nutrition Society</i> , 2011, 70, .  | 1.0  | 1         |
| 41 | Organic Agriculture and Food Production: Ecological, Environmental, Food Safety and Nutritional Quality Issues. <i>Sustainable Agriculture Reviews</i> , 2010, , 77-107.  | 1.1  | 6         |
| 42 | Rats show differences in some biomarkers of health when eating diets based on ingredients produced with three different cultivation strategies. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 720-732.  | 3.5  | 22        |
| 43 | Effect of plant cultivation methods on content of major and trace elements in foodstuffs and retention in rats. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2161-2172.  | 3.5  | 16        |
| 44 | Year rather than farming system influences protein utilization and energy value of vegetables when measured in a rat model. <i>Nutrition Research</i> , 2008, 28, 866-878.  | 2.9  | 17        |
| 45 | Challenges in the Control of Food Quality and Safety. <i>Outlooks on Pest Management</i> , 2008, 19, 34-38.   | 0.2  | 1         |
| 46 | Nutritional quality of foods. , 2007, , 25-40.  |      | 7         |
| 47 | A SYSTEMATIC APPROACH FOR IDENTIFYING PLANT COMPONENTS WITH IMPACT ON HUMAN HEALTH. <i>Acta Horticulturae</i> , 2007, , 93-100.   | 0.2  | 2         |
| 48 | Integration of quality parameters into food safety focused HACCP systems. , 2007, , 490-509.  |      | 0         |
| 49 | Bioactive polyacetylenes in food plants of the Apiaceae family: Occurrence, bioactivity and analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 683-693.   | 2.8  | 325       |
| 50 | Content of carotenoids in commonly consumed Asian vegetables and stability and extractability during frying. <i>Journal of Food Composition and Analysis</i> , 2006, 19, 562-571.   | 3.9  | 67        |
| 51 | Food quality.. , 2006, , 305-327.   |      | 7         |
| 52 | Integration of sensory and objective measurements of tomato quality: quantitative assessment of the effect of harvest date as compared with growth medium (soil versus rockwool), electrical conductivity, variety and maturity. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 2289-2296. | 3.5  | 21        |
| 53 | Inhibitory Effects of Feeding with Carrots or ( $\beta$ )-Falcarinol on Development of Azoxymethane-Induced Preneoplastic Lesions in the Rat Colon. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 1823-1827.  | 5.2  | 114       |
| 54 | Health promoting compounds in vegetables and fruits. <i>Trends in Food Science and Technology</i> , 2004, 15, 384-393.  | 15.1 | 116       |

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|----|---|-----|-----------|
| 55 | FlavoneC-Glycoside, Phenolic Acid, and Nitrogen Contents in Leaves of Barley Subject to Organic Fertilization Treatments. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 809-813.  | 5.2 | 57        |
| 56 | Flower pigment composition of Crocus species and cultivars used for a chemotaxonomic investigation. <i>Biochemical Systematics and Ecology</i> , 2002, 30, 763-791.   | 1.3 | 76        |
| 57 | Organic agriculture: does it enhance or reduce the nutritional value of plant foods?. <i>Journal of the Science of Food and Agriculture</i> , 2001, 81, 924-931.  | 3.5 | 308       |
| 58 | Vegetables as Nutraceuticals – Falcarinol in Carrots and Other Root Crops. , 2000, , 386-391.   |     | 5         |
| 59 | Identification of FlavoneC-Glycosides Including a New Flavonoid Chromophore from Barley Leaves ( <i>Hordeum vulgare</i> L.) by Improved NMR Techniques. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 1703-1707.  | 5.2 | 52        |
| 60 | Title is missing!. <i>Plant Cell, Tissue and Organ Culture</i> , 1999, 56, 145-153.   | 2.3 | 12        |
| 61 | An HPLC investigation of flower colour and breeding of anthocyanins in species and hybrids of <i>Alstroemeria</i> . <i>Plant Breeding</i> , 1998, 117, 63-67.   | 1.9 | 18        |
| 62 | Campanula (Bellflower) Species: In Vitro Culture, Micropropagation, and the Production of Anthocyanins, Polyacetylenes, and Other Secondary Metabolites. <i>Biotechnology in Agriculture and Forestry</i> , 1998, , 45-66.  | 0.2 | 4         |
| 63 | Accumulation of Anthocyanins and Flavones during Bud and Flower Development in <i>Campanula isophylla</i> Moretti. <i>Annals of Botany</i> , 1997, 79, 355-360.   | 2.9 | 17        |
| 64 | Title is missing!. <i>Euphytica</i> , 1997, 93, 361-367.  | 1.2 | 5         |
| 65 | Micropropagation of <i>Campanula</i> . <i>Biotechnology in Agriculture and Forestry</i> , 1997, , 58-73.  | 0.2 | 1         |
| 66 | <i>Alstroemeria</i> plantlets can be induced to flowering by cold treatment during in vitro culture. <i>Scientia Horticulturae</i> , 1996, 66, 217-228.   | 3.6 | 12        |
| 67 | Anthocyanins in chilean species of <i>Alstroemeria</i> . <i>Phytochemistry</i> , 1996, 42, 97-100.  | 2.9 | 22        |
| 68 | Synergism of thidiazuron and benzyladenine in axillary shoot formation depends on sequence of application in <i>Miscanthus X ogiformis</i> ? <i>Giganteus</i> ?. <i>Plant Cell, Tissue and Organ Culture</i> , 1995, 41, 165-170.   | 2.3 | 40        |
| 69 | PHOTOMORPHOGENIC RESPONSES TO UV RADIATION III: A COMPARATIVE STUDY OF UVB EFFECTS ON ANTHOCYANIN and FLAVONOID ACCUMULATION IN WILD-TYPE and aurea MUTANT OF TOMATO ( <i>Lycopersicon esculentum</i> MILL.). <i>Photochemistry and Photobiology</i> , 1995, 62, 1081-1087. | 2.5 | 39        |
| 70 | Variation among and within clones in formation of roots and shoots during micropropagation of <i>Campanula isophylla</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 1994, 39, 63-68.   | 2.3 | 15        |
| 71 | Structure and biosynthesis of anthocyanins in flowers of <i>Campanula</i> . <i>Phytochemistry</i> , 1993, 33, 209-212.  | 2.9 | 36        |
| 72 | Long-term effects of thidiazuron are intermediate between benzyladenine, kinetin or isopentenyladenine in <i>Miscanthus sinensis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 1993, 35, 173-179.   | 2.3 | 44        |

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|----|---|-----|-----------|
| 73 | A METHOD FOR DISINFECTION OF UNDERGROUND RHIZOME TIPS OF ALSTROEMERIA AND HELICONIA.. Acta Horticulturae, 1992, , 499-504.                              | 0.2 | 5         |
| 74 | Micropropagation of <i>Campanula isophylla</i> Moretti. Plant Cell, Tissue and Organ Culture, 1992, 29, 31-36.  | 2.3 | 17        |
| 75 | A method for estimating oxygen availability of stationary plant cell cultures in liquid media. Plant Cell, Tissue and Organ Culture, 1991, 26, 195-201. | 2.3 | 5         |