

Health Benefits of Whole Grain Phytochemicals

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lycopene, tomato products, and prostate cancer prevention. Have we established causality?. Pure and Applied Chemistry, 2002, 74, 1435-1441.	0.9	45
2	Effects of Whole Grains on Coronary Heart Disease Risk. Current Atherosclerosis Reports, 2010, 12, 368-376.	2.0	119
3	Phenolic Profiles and Antioxidant Activity of Black Rice Bran of Different Commercially Available Varieties. Journal of Agricultural and Food Chemistry, 2010, 58, 7580-7587.	2.4	316
4	Nutrition Concerns and Health Effects of Vegetarian Diets. Nutrition in Clinical Practice, 2010, 25, 613-620.	1.1	252
5	Qualitative Characterization of Benzoxazinoid Derivatives in Whole Grain Rye and Wheat by LC-MS Metabolite Profiling. Journal of Agricultural and Food Chemistry, 2011, 59, 921-927.	2.4	82
6	Bioactivity of Antioxidants in Extruded Products Prepared from Purple Potato and Dry Pea Flours. Journal of Agricultural and Food Chemistry, 2011, 59, 8233-8243.	2.4	49
7	Evaluation of Genotypic Variation of Broccoli (<i>Brassica oleracea</i> var. <i>italica</i>) in Response to Selenium Treatment. Journal of Agricultural and Food Chemistry, 2011, 59, 3657-3665.	2.4	50
8	By-Products from Plant Foods are Sources of Dietary Fibre and Antioxidants. , 0, , .		9
9	Color of Whole-Wheat Foods Prepared from a Bright-White Hard Winter Wheat and the Phenolic Acids in Its Coarse Bran. Journal of Food Science, 2011, 76, C846-52.	1.5	18
10	Enhancing Micronutrient Content in Cereal Foods. ACS Symposium Series, 2011, , 15-30.	0.5	1
11	Fast and simultaneous determination of phenolic compounds and caffeine in teas, mate, instant coffee, soft drink and energetic drink by high-performance liquid chromatography using a fused-core column. Analytica Chimica Acta, 2011, 685, 204-211.	2.6	137
12	Regulation of aleurone development in cereal grains. Journal of Experimental Botany, 2011, 62, 1669-1675.	2.4	115
14	Externalities from grain consumption: a survey. International Journal of Food Sciences and Nutrition, 2012, 63, 453-460.	1.3	1
15	The Role of Whole Grains in Body Weight Regulation. Advances in Nutrition, 2012, 3, 697-707.	2.9	63
16	Phytochemical Profile and Nutraceutical Value of Old and Modern Common Wheat Cultivars. PLoS ONE, 2012, 7, e45997.	1.1	68
17	Nutraceutical Changes Induced in Blue and Red Pigmented Maize by Nixtamalization Process. ACS Symposium Series, 2012, , 173-187.	0.5	0
18	From the market to the plate: Fate of bioactive compounds during the production of feijoada meal and the impact on antioxidant capacity. Food Research International, 2012, 49, 508-515.	2.9	4
19	Cellular Antioxidant Activity of Feijoada Whole Meal Coupled with an in Vitro Digestion. Journal of Agricultural and Food Chemistry, 2012, 60, 4826-4832.	2.4	70

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20	Phytochemical Composition, Anti-inflammatory, and Antiproliferative Activity of Whole Wheat Flour. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2129-2135.	2.4	56
21	Past and future of cereal grains as food for health. <i>Trends in Food Science and Technology</i> , 2012, 25, 58-62.	7.8	47
22	Protective potentials of wild rice (<i>Zizania latifolia</i> (Griseb) Turcz) against obesity and lipotoxicity induced by a high-fat/cholesterol diet in rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 2263-2269.	1.8	35
23	Use of enzymes to elucidate the factors contributing to bitterness in rye flavour. <i>Food Research International</i> , 2012, 45, 31-38.	2.9	23
24	Association between dietary phytochemical index and 3-year changes in weight, waist circumference and body adiposity index in adults: Tehran Lipid and Glucose study. <i>Nutrition and Metabolism</i> , 2012, 9, 108.	1.3	47
25	Effect of Water Migration between Arabinoxylans and Gluten on Baking Quality of Whole Wheat Bread Detected by Magnetic Resonance Imaging (MRI). <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6507-6514.	2.4	131
26	The chemopreventive role of dietary phytochemicals through gap junctional intercellular communication. <i>Phytochemistry Reviews</i> , 2012, 11, 285-307.	3.1	31
27	Whole Grain Consumption and Health of the Lower Gastrointestinal Tract: A Focus on Insoluble-Bound Phenolic Compounds. , 0, , .		2
28	Phytochemicals and Antioxidant Capacity of Tortillas Obtained after Lime-Cooking Extrusion Process of Whole Pigmented Mexican Maize. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 178-185.	1.4	57
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30	Effect of whole grains on markers of subclinical inflammation. <i>Nutrition Reviews</i> , 2012, 70, 387-396.	2.6	53
32	Flavour and stability of rye grain fractions in relation to their chemical composition. <i>Food Research International</i> , 2013, 54, 48-56.	2.9	16
33	The potential role of phytochemicals in wholegrain cereals for the prevention of type-2 diabetes. <i>Nutrition Journal</i> , 2013, 12, 62.	1.5	128
34	Wild rice (<i>Zizania palustris</i> L.) prevents atherogenesis in LDL receptor knockout mice. <i>Atherosclerosis</i> , 2013, 230, 284-292.	0.4	25
35	Aroma-active compounds of wild rice (<i>Zizania palustris</i> L.). <i>Food Research International</i> , 2013, 54, 1463-1470.	2.9	43
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37	Bifidogenic effect of whole-grain wheat during a 12-week energy-restricted dietary intervention in postmenopausal women. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 1316-1321.	1.3	37
38	New advances in the integrated management of food processing by-products in Europe: sustainable exploitation of fruit and cereal processing by-products with the production of new food products (NAMASTE EU). <i>New Biotechnology</i> , 2013, 30, 647-655.	2.4	52

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40	In vitro antioxidant capacity and anti-inflammatory activity of seven common oats. <i>Food Chemistry</i> , 2013, 139, 426-431.	4.2	72
41	Germinated grains: a superior whole grain functional food?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 429-441.	0.7	117
42	Do Large Intestinal Events Explain the Protective Effects of Whole Grain Foods Against Type 2 Diabetes?. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 631-640.	5.4	24
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46	Bioactive Prairie Plants and Aging Adults. , 2013, , 263-275.		1
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55	Study of the Chemical Changes and Evolution of Microbiota During Sourdoughlike Fermentation of Wheat Bran. <i>Cereal Chemistry</i> , 2014, 91, 342-349.	1.1	39
57	Awareness and evaluation of natural pet food products in the United States. <i>Journal of the American Veterinary Medical Association</i> , 2014, 245, 1241-1248.	0.2	20
58	The Effect of Bioprocessing on the Phenolic Acid Composition and Antioxidant Activity of Wheat Bran. <i>Cereal Chemistry</i> , 2014, 91, 255-261.	1.1	30

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92	Impact of Functional Foods on Prevention of Cardiovascular Disease and Diabetes. Current Cardiology Reports, 2015, 17, 39.	1.3	68
93	Effect of degree of milling on phenolic profiles and cellular antioxidant activity of whole brown rice. Food Chemistry, 2015, 185, 318-325.	4.2	87
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108	Phytochemical Pharmacokinetics and Bioactivity of Oat and Barley Flour: A Randomized Crossover Trial. <i>Nutrients</i> , 2016, 8, 813.	1.7	14
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116	Effects on satiation, satiety and food intake of wholegrain and refined grain pasta. <i>Appetite</i> , 2016, 107, 152-158.	1.8	18
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120	Dietary fiber role in type 2 diabetes prevention. <i>British Food Journal</i> , 2016, 118, 961-975.	1.6	20
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127	Phytochemical profiles and antioxidant activity of brown rice varieties. <i>Food Chemistry</i> , 2017, 227, 432-443.	4.2	63
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129	Efficacy of vacuum steam pasteurization for inactivation of <i>Salmonella</i> PT 30, <i>Escherichia coli</i> O157:H7 and <i>Enterococcus faecium</i> on low moisture foods. <i>International Journal of Food Microbiology</i> , 2017, 244, 111-118.	2.1	41
130	Phytochemicals in whole grain wheat and their health-promoting effects. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600852.	1.5	94

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135	Cooking Quality, Antioxidant Properties, and Starch Digestibility of Wheat Noodles Substituted with Extruded Brown Rice Flour. <i>Cereal Chemistry</i> , 2017, 94, 464-470.	1.1	15
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140	Quantification of β -glucans, lipid and protein contents in whole oat groats (<i>Avena sativa</i> L.) using near infrared reflectance spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2017, 25, 172-179.	0.8	12
141	Whole Grain Consumption and Risk of Ischemic Stroke. <i>Stroke</i> , 2017, 48, 3203-3209.	1.0	34
142	Anthocyanins from black rice (<i>Oryza sativa</i>) promote immune responses in leukemia through enhancing phagocytosis of macrophages in vivo. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 59-64.	0.8	25
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152	Dietary Fiber and the Human Gut Microbiota: Application of Evidence Mapping Methodology. <i>Nutrients</i> , 2017, 9, 125.	1.7	116
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155	Potential Mechanisms of Action of Dietary Phytochemicals for Cancer Prevention by Targeting Cellular Signaling Transduction Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3260-3276.	2.4	88
156	Evaluation of variability and environmental stability of grain quality and agronomic parameters of pigmented rice (<i>O. sativa</i> L.). <i>Journal of Food Science and Technology</i> , 2018, 55, 879-890.	1.4	27
157	GlutoPeak method improvement for gluten aggregation measurement of whole wheat flour. <i>LWT - Food Science and Technology</i> , 2018, 90, 8-14.	2.5	21
158	Comparative study on protein polymerization in whole-wheat dough modified by transglutaminase and glucose oxidase. <i>LWT - Food Science and Technology</i> , 2018, 90, 323-330.	2.5	31
159	Interspecific and intergeneric hybridization as a source of variation for wheat grain quality improvement. <i>Theoretical and Applied Genetics</i> , 2018, 131, 225-251.	1.8	40
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161	Evaluation of morning glory (<i>Jacquemontia tamnifolia</i> (L.) Griseb) leaves for antioxidant, antinociceptive, anticoagulant and cytotoxic activities. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018, 29, 291-299.	0.7	15
162	Synthesis of substituted phenols via 1,1-dichloro-2-nitroethene promoted condensation of carbonyl compounds with DMF. <i>Tetrahedron Letters</i> , 2018, 59, 2506-2510.	0.7	10
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164	Characteristics of three typical Chinese highland barley varieties: Phenolic compounds and antioxidant activities. <i>Journal of Food Biochemistry</i> , 2018, 42, e12488.	1.2	21
165	Characterization of oil extracted from whole grain flour treated with ozone gas. <i>Journal of Cereal Science</i> , 2018, 79, 527-533.	1.8	16
166	Quality Characteristics of Extruded Brown Rice Noodles with Different Amylose Contents. <i>Food Science and Technology Research</i> , 2018, 24, 311-319.	0.3	13
167	Redox Homeostasis and Natural Dietary Compounds: Focusing on Antioxidants of Rice (<i>Oryza sativa</i>)	1.7	22

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