

New hypotheses for the health-protective mechanisms beyond fibre?

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Rye Whole Grain and Bran Intake Compared with Refined Wheat Decreases Urinary C-Peptide, Plasma Insulin, and Prostate Specific Antigen in Men with Prostate Cancer ¹ – ³ . <i>Journal of Nutrition</i> , 2010, 140, 2180-2186.	1.3	65
2	Editorial. <i>Nutrition Research Reviews</i> , 2010, 23, 1-3.	2.1	8
3	Supplementation of Hydroxypropyl Methylcellulose into Yeast Leavened All-Whole Grain Barley Bread Potentiates Cholesterol-Lowering Effect. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7672-7678.	2.4	20
4	Determination of Free Inositols and Other Low Molecular Weight Carbohydrates in Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2451-2455.	2.4	36
6	Inactive Fluorescently Labeled Xylanase as a Novel Probe for Microscopic Analysis of Arabinoxylan Containing Cereal Cell Walls. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6369-6375.	2.4	40
7	Dietary Alkylresorcinols and Lignans in the Spanish Diet: Development of the Aalignia Database. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 9827-9834.	2.4	18
8	Nutritional composition of <i>Copaifera langsdorffii</i> Desf. aril flour and its effect on serum lipids and glucose in rats. <i>Food Research International</i> , 2011, 44, 2357-2361.	2.9	8
9	Whole grain intake in relation to body weight: From epidemiological evidence to clinical trials. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 901-908.	1.1	91
10	Intake of brown rice lees reduces waist circumference and improves metabolic parameters in type 2 diabetes. <i>Nutrition Research</i> , 2011, 31, 131-138.	1.3	24
11	Hog millet (<i>Panicum miliaceum</i> L.)-supplemented diet ameliorates hyperlipidemia and hepatic lipid accumulation in C57BL/6J-ob/ob mice. <i>Nutrition Research and Practice</i> , 2011, 5, 511.	0.7	19
12	Fibre and prevention of chronic diseases. <i>BMJ: British Medical Journal</i> , 2011, 343, d6938-d6938.	2.4	0
13	Oat-based breakfast cereals are a rich source of polyphenols and high in antioxidant potential. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 929-934.	1.9	57
14	Lipotropic capacity of raw plant-based foods: A new index that reflects their lipotrope density profile. <i>Journal of Food Composition and Analysis</i> , 2011, 24, 895-915.	1.9	11
15	Profiles of phenolic compounds in modern and old common wheat varieties determined by liquid chromatography coupled with time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 7670-7681.	1.8	159
16	Enhancing Micronutrient Content in Cereal Foods. <i>ACS Symposium Series</i> , 2011, , 15-30.	0.5	1
17	Prediagnostic plasma enterolactone levels and mortality among women with breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011, 128, 883-889.	1.1	31
18	Dietary fiber and grain consumption in relation to head and neck cancer in the NIH-AARP Diet and Health Study. <i>Cancer Causes and Control</i> , 2011, 22, 1405-1414.	0.8	26
19	Vitamin B1 Content in Potato: Effect of Genotype, Tuber Enlargement, and Storage, and Estimation of Stability and Broad-Sense Heritability. <i>American Journal of Potato Research</i> , 2011, 88, 374-385.	0.5	16

#	ARTICLE	IF	CITATIONS
20	The intake of grain fibers modulates cytokine levels in blood. <i>Biomarkers</i> , 2011, 16, 504-510.	0.9	48
21	Do the Health Benefits of Dietary Fiber Extend Beyond Cardiovascular Disease?. <i>Archives of Internal Medicine</i> , 2011, 171, 1069.	4.3	8
22	Plasma Alkylresorcinol Concentrations Correlate with Whole Grain Wheat and Rye Intake and Show Moderate Reproducibility over a 2- to 3-Month Period in Free-Living Swedish Adults. <i>Journal of Nutrition</i> , 2011, 141, 1712-1718.	1.3	63
23	A whole-grain cereal-rich diet increases plasma betaine, and tends to decrease total and LDL-cholesterol compared with a refined-grain diet in healthy subjects. <i>British Journal of Nutrition</i> , 2011, 105, 1492-1502.	1.2	158
24	Nuclear Magnetic Resonance-Based Metabolomics Enable Detection of the Effects of a Whole Grain Rye and Rye Bran Diet on the Metabolic Profile of Plasma in Prostate Cancer Patients. <i>Journal of Nutrition</i> , 2011, 141, 2126-2132.	1.3	55
25	Gluten Enhances Cooking, Textural, and Sensory Properties of Oat Noodles. <i>Cereal Chemistry</i> , 2011, 88, 228-233.	1.1	20
26	Dietary Fibers and Cardiometabolic Diseases. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1524-1540.	1.8	30
27	Fiber intake and total and cause-specific mortality in the European Prospective Investigation into Cancer and Nutrition cohort. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 164-174.	2.2	116
28	The Role of Whole Grains in Body Weight Regulation. <i>Advances in Nutrition</i> , 2012, 3, 697-707.	2.9	63
29	Whole Grain Compared with Refined Wheat Decreases the Percentage of Body Fat Following a 12-Week, Energy-Restricted Dietary Intervention in Postmenopausal Women. <i>Journal of Nutrition</i> , 2012, 142, 710-716.	1.3	148
30	Dietary fiber and mortality: convincing observations that call for mechanistic investigations. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 3-4.	2.2	16
31	Filling America's Fiber Intake Gap: Summary of a Roundtable to Probe Realistic Solutions with a Focus on Grain-Based Foods,. <i>Journal of Nutrition</i> , 2012, 142, 1390S-1401S.	1.3	95
32	Determinants of dietary lignan intake in a representative sample of young Spaniards: association with lower obesity prevalence among boys but not girls. <i>European Journal of Clinical Nutrition</i> , 2012, 66, 795-798.	1.3	7
33	Phytochemical Profile and Nutraceutical Value of Old and Modern Common Wheat Cultivars. <i>PLoS ONE</i> , 2012, 7, e45997.	1.1	68
34	Potential Health Benefits of Whole Grain Wheat Components. <i>Nutrition Today</i> , 2012, 47, 163-174.	0.6	15
35	Evaluation of the effect of wheat aleurone-rich foods on markers of antioxidant status, inflammation and endothelial function in apparently healthy men and women. <i>British Journal of Nutrition</i> , 2012, 108, 1644-1651.	1.2	45
36	New perspectives on nutritional interventions to augment lipid utilisation during exercise. <i>British Journal of Nutrition</i> , 2012, 107, 339-349.	1.2	37
37	Sugar Cane and Sugar Beet Molasses, Antioxidant-rich Alternatives to Refined Sugar. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 12508-12515.	2.4	85

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38	Distribution and composition of phytosterols and steryl ferulates in wheat grain and bran fractions. <i>Journal of Cereal Science</i> , 2012, 56, 379-388.	1.8	37
39	Different metabolic and absorption patterns of betaine in response to dietary intake of whole-wheat grain, wheat aleurone or rye aleurone in catheterized pigs. <i>European Food Research and Technology</i> , 2012, 235, 939-949.	1.6	10
40	Gluten-Free Diet: Imprudent Dietary Advice for the General Population?. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012, 112, 1330-1333.	0.4	77
41	Whole Grain, Dietary Fiber, and Incidence of Endometrial Cancer in a Danish Cohort Study. <i>Nutrition and Cancer</i> , 2012, 64, 1160-1168.	0.9	19
42	Cereal grains for nutrition and health benefits: Overview of results from in vitro, animal and human studies in the HEALTHGRAIN project. <i>Trends in Food Science and Technology</i> , 2012, 25, 87-100.	7.8	73
43	Developing new types of wheat with enhanced health benefits. <i>Trends in Food Science and Technology</i> , 2012, 25, 70-77.	7.8	52
44	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
45	Wheat Aleurone: Separation, Composition, Health Aspects, and Potential Food Use. <i>Critical Reviews in Food Science and Nutrition</i> , 2012, 52, 553-568.	5.4	200
46	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
47	Wholeness and primary and secondary food structure effects on in vitro digestion patterns determine nutritionally distinct carbohydrate fractions in cereal foods. <i>Food Chemistry</i> , 2012, 135, 1968-1974.	4.2	29
48	Metabolomics reveals the metabolic shifts following an intervention with rye bread in postmenopausal women- a randomized control trial. <i>Nutrition Journal</i> , 2012, 11, 88.	1.5	45
49	Optimization of alkylresorcinols extraction from triticale bran using response surface methodology. <i>Food and Bioprocess Technology</i> , 2012, 5, 2655-2664.	2.6	20
51	Wheat bran: its composition and benefits to health, a European perspective. <i>International Journal of Food Sciences and Nutrition</i> , 2012, 63, 1001-1013.	1.3	321
52	Cereal Bran Fractionation: Processing Techniques for the Recovery of Functional Components and their Applications to the Food Industry. <i>Recent Patents on Food, Nutrition & Agriculture</i> , 2012, 4, 61-77.	0.5	9
53	Health Implications of a Vegetarian Diet. <i>American Journal of Lifestyle Medicine</i> , 2012, 6, 250-267.	0.8	59
54	Health-promoting phytochemicals of Italian common wheat varieties grown under low-input agricultural management. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2800-2810.	1.7	43
55	Analysis of dietary phytochemicals needs to be applauded: Glycosylated plant sterols. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 615-616.	1.0	2
56	Relationship between bread consumption, body weight, and abdominal fat distribution: evidence from epidemiological studies. <i>Nutrition Reviews</i> , 2012, 70, 218-233.	2.6	32

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57	Counteraction of oxidative damage in the rat liver by an ancient grain (Kamut brand khorasan wheat). <i>Nutrition</i> , 2012, 28, 436-441.	1.1	33
58	Lipid-lowering effect of maize-based traditional Mexican food on a metabolic syndrome model in rats. <i>Lipids in Health and Disease</i> , 2013, 12, 35.	1.2	13
60	In vitro evaluation of "horchata" co-products as carbon source for probiotic bacteria growth. <i>Food and Bioproducts Processing</i> , 2013, 91, 279-286.	1.8	19
61	Quality and nutritional properties of pasta products enriched with immature wheat grain. <i>International Journal of Food Sciences and Nutrition</i> , 2013, 64, 544-550.	1.3	22
62	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
63	Oxylipins discriminate between whole grain wheat and wheat aleurone intake: a metabolomics study on pig plasma. <i>Metabolomics</i> , 2013, 9, 464-479.	1.4	9
64	Bound phytophenols from ready-to-eat cereals: Comparison with other plant-based foods. <i>Food Chemistry</i> , 2013, 141, 2880-2886.	4.2	21
65	L-Arginine enriched biscuits improve endothelial function and glucose metabolism: A pilot study in healthy subjects and a cross-over study in subjects with impaired glucose tolerance and metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 255-264.	1.5	51
66	A Whole-Grain "Rich Diet Reduces Urinary Excretion of Markers of Protein Catabolism and Gut Microbiota Metabolism in Healthy Men after One Week. <i>Journal of Nutrition</i> , 2013, 143, 766-773.	1.3	40
67	Identification and Quantification of Soluble Free, Soluble Conjugated, and Insoluble Bound Phenolic Acids in Durum Wheat (<i>Triticum turgidum</i> L. var. durum) and Derived Products by RP-HPLC on a Semimicro Separation Scale. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 11800-11807.	2.4	49
68	Optimisation of assay conditions for the determination of antioxidant capacity and polyphenols in cereal food components. <i>Journal of Food Composition and Analysis</i> , 2013, 30, 94-101.	1.9	62
69	Intake of whole grains from different cereal and food sources and incidence of colorectal cancer in the Scandinavian HELGA cohort. <i>Cancer Causes and Control</i> , 2013, 24, 1363-1374.	0.8	77
70	Structural development of aleurone and its function in common wheat. <i>Molecular Biology Reports</i> , 2013, 40, 6785-6792.	1.0	26
72	Variation of serum metabolites related to habitual diet: a targeted metabolomic approach in EPIC-Potsdam. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 1100-1108.	1.3	108
73	Dried apple enriched with mandarin juice counteracts tamoxifen-induced oxidative stress in rats. <i>International Journal of Food Sciences and Nutrition</i> , 2013, 64, 815-821.	1.3	9
74	Whole grains, type 2 diabetes, coronary heart disease, and hypertension: Links to the aleurone preferred over indigestible fiber. <i>BioFactors</i> , 2013, 39, 242-258.	2.6	59
75	Phenolic Acids from Wheat Show Different Absorption Profiles in Plasma: A Model Experiment with Catheterized Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8842-8850.	2.4	12
76	Preventing constipation: a review of the laxative potential of food ingredients. <i>International Journal of Food Science and Technology</i> , 2013, 48, 445-467.	1.3	20

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77	Consumption of whole grain reduces risk of deteriorating glucose tolerance, including progression to prediabetes. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 179-187.	2.2	60
78	Effects of storage conditions and cooking on colour and antioxidant activities of organic pigmented rice. <i>International Journal of Food Science and Technology</i> , 2013, 48, 67-73.	1.3	13
79	Cholesterol reducing and bile-acid binding properties of taioba (<i>Xanthosoma sagittifolium</i>) leaf in rats fed a high-fat diet. <i>Food Research International</i> , 2013, 51, 886-891.	2.9	20
80	Stability and antioxidant activity of alkylresorcinols in breads enriched with hard and soft wheat brans. <i>Food Research International</i> , 2013, 51, 571-578.	2.9	22
81	Effects of region and cultivar on alkylresorcinols content and composition in wheat bran and their antioxidant activity. <i>Journal of Cereal Science</i> , 2013, 57, 405-410.	1.8	32
82	Effects of processing and digestive enzymes on retention, bioaccessibility and antioxidant activity of bioactive components in food mixes based on legumes and green leaves. <i>Food Bioscience</i> , 2013, 4, 21-30.	2.0	9
83	Nutritional, antioxidant, and glycaemic characteristics of new functional bread. <i>Chemical Papers</i> , 2013, 67, .	1.0	15
84	Germinated grains: a superior whole grain functional food?. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013, 91, 429-441.	0.7	117
85	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
86	Protective effect of grape byâ€productâ€fortified breads against cholesterol/cholic acid dietâ€induced hypercholesterolaemia in rats. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 3271-3278.	1.7	28
87	The Dietary Intake of Wheat and other Cereal Grains and Their Role in Inflammation. <i>Nutrients</i> , 2013, 5, 771-787.	1.7	145
88	Multicompartmental Nontargeted LCâ€MS Metabolomics: Explorative Study on the Metabolic Responses of Rye Fiber versus Refined Wheat Fiber Intake in Plasma and Urine of Hypercholesterolemic Pigs. <i>Journal of Proteome Research</i> , 2013, 12, 2818-2832.	1.8	33
89	Does wheat make us fat and sick?. <i>Journal of Cereal Science</i> , 2013, 58, 209-215.	1.8	73
90	Plant-Based Foods as a Source of Lipotropes for Human Nutrition: A Survey of In Vivo Studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 535-590.	5.4	42
91	Effects of Disintegration on <i>in Vitro</i> Fermentation and Conversion Patterns of Wheat Aleurone in a Metabolical Colon Model. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5805-5816.	2.4	30
92	Whole grain and body weight changes in apparently healthy adults: a systematic review and meta-analysis of randomized controlled studies. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 872-884.	2.2	167
93	Extrusion of Barley and Oat Improves the Bioaccessibility of Dietary Phenolic Acids in Growing Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2739-2747.	2.4	38
94	Effect of cooking on the total antioxidant capacity and phenolic profile of some wholeâ€meal African cereals. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 29-36.	1.7	56

#	ARTICLE	IF	CITATIONS
95	Whole Grains. , 2013, , 422-430.		0
96	Increasing Whole Grain Intake as Part of Prevention and Treatment of Nonalcoholic Fatty Liver Disease. International Journal of Endocrinology, 2013, 2013, 1-13.	0.6	47
97	Analysis of Average Daily Fiber Intake Among Ready-to-Eat Cereal Consumers. American Journal of Lifestyle Medicine, 2013, 7, 278-283.	0.8	4
98	Whole grain foods and health – a Scandinavian perspective. Food and Nutrition Research, 2013, 57, 18503.	1.2	95
99	Plant Cell Wall Polysaccharides in Storage Organs: Xylans (Food Applications). , 2013, , .		6
100	Whole Grains and Health: from Theory to Practice – Highlights of the Grains for Health Foundation's Whole Grains Summit 2012. Journal of Nutrition, 2013, 143, 744S-758S.	1.3	44
101	The Future of Recommendations on Grain Foods in Dietary Guidance. Journal of Nutrition, 2013, 143, 1527S-1532S.	1.3	27
102	UPLC-MS metabolic profiling unveils urinary changes in humans after a whole grain rye versus refined wheat bread intervention. Molecular Nutrition and Food Research, 2013, 57, 412-422.	1.5	74
103	Triticuside A, a Dietary Flavonoid, Inhibits Proliferation of Human Breast Cancer Cells Via Inducing Apoptosis. Nutrition and Cancer, 2013, 65, 891-899.	0.9	11
104	<i>Taioba</i> (<i>Xanthosoma sagittifolium</i>) Leaves: Nutrient Composition and Physiological Effects on Healthy Rats. Journal of Food Science, 2013, 78, H1929-34.	1.5	14
105	Saffron (<i>Crocus sativus</i> L.) Powder as an Ingredient of Rye Bread: An Anti-Diabetic Evaluation. Journal of Medicinal Food, 2013, 16, 847-856.	0.8	17
106	Characterization of Khorasan wheat (Kamut) and impact of a replacement diet on cardiovascular risk factors: cross-over dietary intervention study. European Journal of Clinical Nutrition, 2013, 67, 190-195.	1.3	59
108	Whole Grains: Definition, Dietary Recommendations, and Health Benefits. Cereal Foods World, 2013, 58, 191-198.	0.7	56
109	Wholegrain foods and health. , 2013, , 76-95.		2
110	The Influence of Glumes on Malting and Brewing of Hulled Wheats. Journal of the American Society of Brewing Chemists, 2013, 71, 41-48.	0.8	12
111	Agronomic, nutritional and nutraceutical aspects of durum wheat (<i>Triticum durum</i> Desf.) cultivars under low input agricultural management. Italian Journal of Agronomy, 2013, 8, 12.	0.4	22
112	Effects of Dietary Carbohydrate Replaced with Wild Rice (<i>Zizania latifolia</i> (Griseb) Turcz) on Insulin Resistance in Rats Fed with a High-Fat/Cholesterol Diet. Nutrients, 2013, 5, 552-564.	1.7	28
113	Alternative Dietary Fiber Sources in Companion Animal Nutrition. Nutrients, 2013, 5, 3099-3117.	1.7	79

#	ARTICLE	IF	CITATIONS
114	Immune Modulation by Different Types of Î²-D-Glucan Is Toll-Like Receptor Dependent. PLoS ONE, 2013, 8, e68367.	1.1	182
115	Whole Grain Rye Intake, Reflected by a Biomarker, Is Associated with Favorable Blood Lipid Outcomes in Subjects with the Metabolic Syndrome – A Randomized Study. PLoS ONE, 2014, 9, e110827.	1.1	37
116	Intake of Tibetan Hull-Less Barley is Associated with a Reduced Risk of Metabolic Related Syndrome in Rats Fed High-Fat-Sucrose Diets. Nutrients, 2014, 6, 1635-1648.	1.7	28
117	Mediterranean Diet Pyramid: A Proposal for Italian People. Nutrients, 2014, 6, 4302-4316.	1.7	61
118	Wheat Fiber in Postprandial Metabolic Profile and Health. , 2014, , 59-66.		2
119	Improvement in metabolic parameters in obese subjects after 16 weeks on a Brazilian-staple calorie-restricted diet. Nutrition Research and Practice, 2014, 8, 410.	0.7	2
120	Rye as a Source of Phytosterols, Tocopherols, and Tocotrienols. , 2014, , 131-158.		2
121	7.9 Literatur. , 2014, , .		0
122	Study of the Chemical Changes and Evolution of Microbiota During Sourdoughlike Fermentation of Wheat Bran. Cereal Chemistry, 2014, 91, 342-349.	1.1	39
123	The health benefits of whole grains and fibre. Nutrition and Food Science, 2014, 44, 492-519.	0.4	8
124	Nutritive and Digestive Effects of Starch and Fiber in Whole Wheat. , 2014, , 81-87.		4
125	How can both the health potential and sustainability of cereal products be improved? A French perspective. Journal of Cereal Science, 2014, 60, 540-548.	1.8	18
126	Associations between food and beverage groups and major diet-related chronic diseases: an exhaustive review of pooled/meta-analyses and systematic reviews. Nutrition Reviews, 2014, 72, 741-762.	2.6	170
127	Dietary Glycemic Index, Glycemic Load, and Nutritional Correlates in Free-Living Elderly Brazilians: A Population-Based Survey. Journal of the American College of Nutrition, 2014, 33, 111-119.	1.1	3
128	Wheat and Rice Dietary Fiber in Colorectal Cancer Prevention and the Maintenance of Health. , 2014, , 201-210.		2
129	Bread Intake and Abdominal Fat. , 2014, , 261-279.		1
130	Whole Grains in the Prevention and Treatment of Abdominal Obesity. , 2014, , 515-528.		2
131	The Postprandial Plasma Rye Fingerprint Includes Benzoxazinoid-Derived Phenylacetamide Sulfates. Journal of Nutrition, 2014, 144, 1016-1022.	1.3	42

#	ARTICLE	IF	CITATIONS
132	Higher antioxidant and lower cadmium concentrations and lower incidence of pesticide residues in organically grown crops: a systematic literature review and meta-analyses. <i>British Journal of Nutrition</i> , 2014, 112, 794-811.	1.2	467
133	Impact of whole grains on the gut microbiota: the next frontier for oats?. <i>British Journal of Nutrition</i> , 2014, 112, S44-S49.	1.2	51
134	Epidemiological studies of oats consumption and risk of cancer and overall mortality. <i>British Journal of Nutrition</i> , 2014, 112, S14-S18.	1.2	17
135	Toward a New Philosophy of Preventive Nutrition: From a Reductionist to a Holistic Paradigm to Improve Nutritional Recommendations. <i>Advances in Nutrition</i> , 2014, 5, 430-446.	2.9	144
136	Whole Wheat Pasta and Health. , 2014, , 5-16.		2
137	Evaluation of nutritional composition and antioxidant activity of Borage (<i>Echium amoenum</i>) and Valerian (<i>Valerian officinalis</i>). <i>Journal of Food Science and Technology</i> , 2014, 51, 845-854.	1.4	39
138	Disintegration of wheat aleurone structure has an impact on the bioavailability of phenolic compounds and other phytochemicals as evidenced by altered urinary metabolite profile of diet-induced obese mice. <i>Nutrition and Metabolism</i> , 2014, 11, 1.	1.3	112
139	Wheat bran-based biorefinery 2: Valorization of products. <i>LWT - Food Science and Technology</i> , 2014, 56, 222-231.	2.5	198
140	Improving bioaccessibility and bioavailability of phenolic compounds in cereal grains through processing technologies: A concise review. <i>Journal of Functional Foods</i> , 2014, 7, 101-111.	1.6	234
141	The impact of cereal grain consumption on the development and severity of non-alcoholic fatty liver disease. <i>European Journal of Nutrition</i> , 2014, 53, 1727-1735.	1.8	37
142	How can technology help to deliver more of grain in cereal foods for a healthy diet?. <i>Journal of Cereal Science</i> , 2014, 59, 327-336.	1.8	97
143	Probiotics and prebiotics: prospects for public health and nutritional recommendations. <i>Annals of the New York Academy of Sciences</i> , 2014, 1309, 19-29.	1.8	80
144	Characterisation of soluble and insoluble cell wall fractions from rye, wheat and hull-less barley endosperm flours. <i>Food Hydrocolloids</i> , 2014, 41, 219-226.	5.6	41
145	The search for a new paradigm to study micronutrient and phytochemical bioavailability: From reductionism to holism. <i>Medical Hypotheses</i> , 2014, 82, 181-186.	0.8	23
146	Comprehensive Study of Valuable Lipophilic Phytochemicals in Wheat Bran. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1664-1673.	2.4	50
147	Recent findings on certain bioactive components in whole grain wheat and rye. <i>Journal of Cereal Science</i> , 2014, 59, 294-311.	1.8	122
148	Health effects of wheat lectins: A review. <i>Journal of Cereal Science</i> , 2014, 59, 112-117.	1.8	47
149	Bioaccessibility of Polyphenols from Wheat (<i>Triticum aestivum</i>), Sorghum (<i>Sorghum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Domestic Food Processing. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11170-11179.	2.4	87

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150	Effect of Processing on Phenolic Composition of Dough and Bread Fractions Made from Refined and Whole Wheat Flour of Three Wheat Varieties. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10431-10436.	2.4	57
151	Bioavailability and metabolism of hydroxycinnamates in rats fed with durum wheat aleurone fractions. <i>Food and Function</i> , 2014, 5, 1738-1746.	2.1	17
152	<i>Myrciaria cauliflora</i> Peel Flour Had a Hypolipidemic Effect in Rats Fed a Moderately High-Fat Diet. <i>Journal of Medicinal Food</i> , 2014, 17, 262-267.	0.8	23
153	In Vitro Bioaccessibility of Phenolics and Vitamins from Durum Wheat Aleurone Fractions. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1543-1549.	2.4	40
154	Effects of Genotype and Environment on Phenolic Acids Content and Total Antioxidant Capacity in Durum Wheat. <i>Cereal Chemistry</i> , 2014, 91, 310-317.	1.1	30
155	Toll-Like Receptor 2 Activation by β -1-Fructans Protects Barrier Function of T84 Human Intestinal Epithelial Cells in a Chain Length-Dependent Manner. <i>Journal of Nutrition</i> , 2014, 144, 1002-1008.	1.3	93
156	Impact of Wheat Aleurone Structure on Metabolic Disorders Caused by a High-Fat Diet in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10101-10109.	2.4	16
157	Compilation of an Australian database of manufactured and packaged food products containing wholegrain ingredients. <i>Journal of Food Composition and Analysis</i> , 2014, 36, 24-34.	1.9	8
158	Consumption of wheat bran modified by autoclaving reduces fat mass in hamsters. <i>European Journal of Nutrition</i> , 2014, 53, 793-802.	1.8	10
159	Whole Grains and Pulses: A Comparison of the Nutritional and Health Benefits. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7029-7049.	2.4	176
160	Antioxidant Properties of Wheat Bran against Oxidative Stress. , 2014, , 181-199.		26
161	Effect of aleurone-rich flour on composition, cooking, textural, and sensory properties of pasta. <i>LWT - Food Science and Technology</i> , 2014, 59, 996-1002.	2.5	28
162	The influence of fermentation processes and cereal grains in wholegrain bread on reducing phytate content. <i>Journal of Cereal Science</i> , 2014, 59, 3-8.	1.8	59
163	Increased Intake of Carbohydrates from Sources with a Higher Glycemic Index and Lower Consumption of Whole Grains during Puberty Are Prospectively Associated with Higher IL-6 Concentrations in Younger Adulthood among Healthy Individuals. <i>Journal of Nutrition</i> , 2014, 144, 1586-1593.	1.3	35
164	Effect of wheat bran addition on in vitro starch digestibility, physico-mechanical and sensory properties of biscuits. <i>Journal of Cereal Science</i> , 2014, 60, 105-113.	1.8	107
165	Improving cereal grain carbohydrates for diet and health. <i>Journal of Cereal Science</i> , 2014, 59, 312-326.	1.8	177
166	Total dietary fiber intakes in the US population are related to whole grain consumption: results from the National Health and Nutrition Examination Survey 2009 to 2010. <i>Nutrition Research</i> , 2014, 34, 226-234.	1.3	116
167	Thirteen-week oral dose toxicity study of Oligonol containing oligomerized polyphenols extracted from lychee and green tea. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 68, 140-146.	1.3	14

#	ARTICLE	IF	CITATIONS
168	Association between carbohydrate quality and inflammatory markers: systematic review of observational and interventional studies. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 813-833.	2.2	135
169	New Approaches to Studying the Potential Health Benefits of Cereals: From Reductionism to Holism. <i>Cereal Foods World</i> , 2014, 59, 224-229.	0.7	22
170	Developing a Standard Definition of Whole-Grain Foods for Dietary Recommendations: Summary Report of a Multidisciplinary Expert Roundtable Discussion. <i>Advances in Nutrition</i> , 2014, 5, 164-176.	2.9	107
171	Dietary Bioactives and Health: The Road Ahead. <i>Cereal Foods World</i> , 2014, 59, 60-62.	0.7	1
172	Relationship between bread and obesity. <i>British Journal of Nutrition</i> , 2015, 113, S29-S35.	1.2	44
173	Low whole grain intake in the UK: results from the National Diet and Nutrition Survey rolling programme 2008-11. <i>British Journal of Nutrition</i> , 2015, 113, 1643-1651.	1.2	85
174	Whole grain intake and its association with intakes of other foods, nutrients and markers of health in the National Diet and Nutrition Survey rolling programme 2008-11. <i>British Journal of Nutrition</i> , 2015, 113, 1595-1602.	1.2	36
175	Alkylresorcinols in adipose tissue biopsies as biomarkers of whole-grain intake: an exploratory study of responsiveness to advised intake over 12 weeks. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 1244-1248.	1.3	9
176	Composition and functionality of wheat bran and its application in some cereal food products. <i>International Journal of Food Science and Technology</i> , 2015, 50, 2509-2518.	1.3	274
177	Fibre intake and incident colorectal cancer depending on fibre source, sex, tumour location and Tumour, Node, Metastasis stage. <i>British Journal of Nutrition</i> , 2015, 114, 959-969.	1.2	23
178	Instant Flour From Red and Blue Nixtamalized Maize: Production and Textural Properties of Tortilla. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 38-46.	0.9	5
179	A comparative study on free and bound phenolic acid content and their antioxidant activity in bran of rice (<i>Oryza sativa</i> L.) cultivars of Eastern Himalayan range. <i>International Journal of Food Science and Technology</i> , 2015, 50, 2529-2536.	1.3	13
180	Chemical Composition and Microbiological Properties of Tarhana Enriched with Immature Wheat Grain. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 3014-3021.	0.9	13
181	Treatments with organic acids and pullulanase differently affect resistant starch and fiber composition in flour of various barley genotypes (<i>Hordeum vulgare</i> L.). <i>Starch/Staerke</i> , 2015, 67, 512-520.	1.1	19
182	Does Whole Grain Consumption Alter Gut Microbiota and Satiety?. <i>Healthcare (Switzerland)</i> , 2015, 3, 364-392.	1.0	29
183	Nutritional Characterization and Phenolic Profiling of <i>Moringa oleifera</i> Leaves Grown in Chad, Sahrawi Refugee Camps, and Haiti. <i>International Journal of Molecular Sciences</i> , 2015, 16, 18923-18937.	1.8	123
184	Wheat Bran Phenolic Acids: Bioavailability and Stability in Whole Wheat-Based Foods. <i>Molecules</i> , 2015, 20, 15666-15685.	1.7	112
185	An Organic Khorasan Wheat-Based Replacement Diet Improves Risk Profile of Patients with Acute Coronary Syndrome: A Randomized Crossover Trial. <i>Nutrients</i> , 2015, 7, 3401-3415.	1.7	35

#	ARTICLE	IF	CITATIONS
186	Classification and target compounds. , 2015, , 25-57.		15
187	Lutein and Lutein Esters in Whole Grain Flours Made from 75 Genotypes of 5 <i>Triticum</i> Species Grown at Multiple Sites. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5061-5071.	2.4	78
188	Effects of durum wheat debranning on total antioxidant capacity and on content and profile of phenolic acids. <i>Journal of Functional Foods</i> , 2015, 17, 83-92.	1.6	18
189	Preventive Nutrition: From Public to Personal Recommendations and Approaches to Behavior Change. , 2015, , 3-24.		4
190	Effects of dietary choline availability on latent inhibition of flavor aversion learning. <i>Nutritional Neuroscience</i> , 2015, 18, 275-280.	1.5	2
191	Antioxidant Capacity of Water-Extractable Arabinoxylan from Commercial Barley, Wheat, and Wheat Fractions. <i>Cereal Chemistry</i> , 2015, 92, 29-36.	1.1	45
192	Effect of dietary fiber on circulating C-reactive protein in overweight and obese adults: a meta-analysis of randomized controlled trials. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 114-119.	1.3	71
193	Phytochemical composition and antioxidant capacity of whole wheat products. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 63-70.	1.3	16
194	Developments in modulating glycaemic response in starchy cereal foods. <i>Starch/Staerke</i> , 2015, 67, 79-89.	1.1	33
195	Determination of Melatonin in Rice (<i>Oryza sativa</i>) Grains by Pressurized Liquid Extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1107-1115.	2.4	29
196	Production of functional pita bread using date seed powder. <i>Journal of Food Science and Technology</i> , 2015, 52, 6375-6384.	1.4	48
197	A shift toward a new holistic paradigm will help to preserve and better process grain products™ food structure for improving their health effects. <i>Food and Function</i> , 2015, 6, 363-382.	2.1	55
198	Whole-grain wheat consumption reduces inflammation in a randomized controlled trial on overweight and obese subjects with unhealthy dietary and lifestyle behaviors: role of polyphenols bound to cereal dietary fiber. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 251-261.	2.2	246
199	Development of a LC-MS/MS method for the simultaneous screening of seven water-soluble vitamins in processing semi-coarse wheat flour products. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3471-3479.	1.9	28
200	Functional and Nutritional Characteristics of Wheat Grown in Organic and Conventional Cropping Systems. <i>Cereal Chemistry</i> , 2015, 92, 504-512.	1.1	12
201	Phytochemical Composition and Anti-Inflammatory Activity of Extracts from the Whole-Meal Flour of Italian Durum Wheat Cultivars. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3512-3527.	1.8	34
202	Whole Grain Consumption Increases Gastrointestinal Content of Sulfate-Conjugated Oxylipins in Pigs ~ A Multicompartmental Metabolomics Study. <i>Journal of Proteome Research</i> , 2015, 14, 3095-3110.	1.8	7
203	Use of air classification technology as green process to produce functional barley flours naturally enriched of alkylresorcinols, β-glucans and phenolic compounds. <i>Food Research International</i> , 2015, 73, 88-96.	2.9	20

#	ARTICLE	IF	CITATIONS
204	A method for the simultaneous extraction and quantitation of lipophilic antioxidants in <i>Triticum</i> sp. by HPLC-DAD/FLD-MSn. <i>Journal of Food Composition and Analysis</i> , 2015, 39, 94-102.	1.9	24
205	Wheat Bran Proteins: A Review of Their Uses and Potential. <i>Food Reviews International</i> , 2015, 31, 279-293.	4.3	78
206	Amino acid-derived betaines dominate as urinary markers for rye bran intake in mice fed high-fat diet: A nontargeted metabolomics study. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1550-1562.	1.5	28
207	Distinct Difference in Absorption Pattern in Pigs of Betaine Provided as a Supplement or Present Naturally in Cereal Dietary Fiber. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 2725-2733.	2.4	7
208	Microbial Degradation of Whole-Grain Complex Carbohydrates and Impact on Short-Chain Fatty Acids and Health. <i>Advances in Nutrition</i> , 2015, 6, 206-213.	2.9	131
209	Postprandial plasma betaine and other methyl donor-related responses after consumption of minimally processed wheat bran or wheat aleurone, or wheat aleurone incorporated into bread. <i>British Journal of Nutrition</i> , 2015, 113, 445-453.	1.2	13
210	The impact of dietary fibers on dendritic cell responses in vitro is dependent on the differential effects of the fibers on intestinal epithelial cells. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 698-710.	1.5	93
211	Enhancement of Thiamin Content in <i>Arabidopsis thaliana</i> by Metabolic Engineering. <i>Plant and Cell Physiology</i> , 2015, 56, 2285-2296.	1.5	56
212	Associations between dietary intake and the presence of the metabolic syndrome in patients with non-alcoholic fatty liver disease. <i>Journal of Human Nutrition and Dietetics</i> , 2015, 28, 409-415.	1.3	25
213	Antioxidant properties of digestive enzyme-treated fibre-rich fractions from wheat, finger millet, pearl millet and sorghum: A comparative evaluation. <i>Cogent Food and Agriculture</i> , 2015, 1, 1073875.	0.6	7
214	Carotenoids in cereals: an ancient resource with present and future applications. <i>Phytochemistry Reviews</i> , 2015, 14, 873-890.	3.1	42
215	Our landscapes, our livestock, ourselves: Restoring broken linkages among plants, herbivores, and humans with diets that nourish and satiate. <i>Appetite</i> , 2015, 95, 500-519.	1.8	47
216	Dietary micronutrient intake during pregnancy is a function of carbohydrate quality. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 626-632.	2.2	20
217	Dietary Intakes of Folic Acid and Methionine in Early Childhood Are Associated with Body Composition at School Age. <i>Journal of Nutrition</i> , 2015, 145, 2123-2129.	1.3	14
218	Plant Protein and Animal Proteins: Do They Differentially Affect Cardiovascular Disease Risk?. <i>Advances in Nutrition</i> , 2015, 6, 712-728.	2.9	189
219	Whole Plant Foods and Colon Cancer Risk. , 2015, , 195-207.		0
220	Effects of temperature increase, through spring sowing, on antioxidant power and health-beneficial substances of old and new wheat varieties. <i>Journal of Cereal Science</i> , 2015, 61, 111-118.	1.8	12
221	Phenolic compounds in wholegrain rye and its fractions. <i>Journal of Food Composition and Analysis</i> , 2015, 38, 89-97.	1.9	35

#	ARTICLE	IF	CITATIONS
222	Wheat Alkylresorcinols Suppress High-Fat, High-Sucrose Diet-Induced Obesity and Glucose Intolerance by Increasing Insulin Sensitivity and Cholesterol Excretion in Male Mice. <i>Journal of Nutrition</i> , 2015, 145, 199-206.	1.3	85
223	How does wheat grain, bran and aleurone structure impact their nutritional and technological properties?. <i>Trends in Food Science and Technology</i> , 2015, 41, 118-134.	7.8	86
224	Donner un nouvel avenir au pain dans le cadre d'une alimentation durable et préventive. <i>Cahiers De Nutrition Et De Dietetique</i> , 2015, 50, 39-46.	0.2	9
225	Effect of rye bread enriched with tomato pomace on fat absorption and lipid metabolism in rats fed a high-fat diet. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 1918-1924.	1.7	9
226	Food Barley Quality Improvement and Germplasm Utilization. , 2016, , 41-73.		11
227	THE GREEN SYNTHESIS, CHARACTERIZATION AND EVALUATION OF ANTIOXIDANT AND ANTIMICROBIAL EFFICACY OF SILVER&GOLD NANOSPHERES SYNTHESIZED FROM WHEAT BRAN. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2016, 9, 103.	0.3	6
228	Triticale Bran Alkylresorcinols Enhance Resistance to Oxidative Stress in Mice Fed a High-Fat Diet. <i>Foods</i> , 2016, 5, 5.	1.9	15
229	Quinoa (<i>Chenopodium quinoa</i> Willd), from Nutritional Value to Potential Health Benefits: An Integrative Review. <i>Journal of Nutrition & Food Sciences</i> , 2016, 06, .	1.0	45
230	Using NMR-Based Metabolomics to Evaluate Postprandial Urinary Responses Following Consumption of Minimally Processed Wheat Bran or Wheat Aleurone by Men and Women. <i>Nutrients</i> , 2016, 8, 96.	1.7	12
231	Bioactives: Antioxidants. , 2016, , .		3
232	The amelioration of plasma lipids by Korean traditional confectionery in middle-aged women: A cross-over study with western cookie. <i>Nutrition Research and Practice</i> , 2016, 10, 590.	0.7	2
233	Bioactives in Wheat Bran. , 2016, , .		2
234	Bioactives: Antioxidants. , 2016, , 277-282.		1
235	Bioactive Compounds in Wheat Bran. , 2016, , 268-276.		6
236	Sorghum [<i>Sorghum bicolor</i> (L.) Moench] Genotypes with Contrasting Polyphenol Compositions Differentially Modulate Inflammatory Cytokines in Mouse Macrophages. <i>Journal of Chemistry</i> , 2016, 2016, 1-10.	0.9	10
237	Mechanisms Whereby Whole Grain Cereals Modulate the Prevention of Type 2 Diabetes. , 2016, , 87-103.		4
238	Pasta: Role in Diet. , 2016, , 242-245.		15
239	Coarse Food Grains Are Important Actors of Healthy and Sustainable Diets. <i>Foods</i> , 2016, 5, 25.	1.9	0

#	ARTICLE	IF	CITATIONS
240	Mineral Nutritional Yield and Nutrient Density of Locally Adapted Wheat Genotypes under Organic Production. <i>Foods</i> , 2016, 5, 89.	1.9	31
241	Consumption of Whole-Grain Bread and Risk of Colorectal Cancer among Norwegian Women (the Tj ETQq1 1 0.784314 rgBJ /Overlo	1.7	20
242	In Vitro Bioaccessibility of Phenolic Acids from a Commercial Aleurone-Enriched Bread Compared to a Whole Grain Bread. <i>Nutrients</i> , 2016, 8, 42.	1.7	26
243	Phytochemical Pharmacokinetics and Bioactivity of Oat and Barley Flour: A Randomized Crossover Trial. <i>Nutrients</i> , 2016, 8, 813.	1.7	14
244	Association between dietary fibre intake with cancer and all-cause mortality among 15 740 adults: the <sc>N</sc>ational <sc>H</sc>ealth and <sc>N</sc>utrition <sc>E</sc>xamination <sc>S</sc>urvey <sc>Ill</sc>. <i>Journal of Human Nutrition and Dietetics</i> , 2016, 29, 633-642.	1.3	13
245	Bioavailability and metabolism of phenolic compounds from wholegrain wheat and aleurone-enrich wheat bread. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2343-2354.	1.5	38
246	Food, health, and complexity: towards a conceptual understanding to guide collaborative public health action. <i>BMC Public Health</i> , 2016, 16, 487.	1.2	25
247	Can wheat germ have a beneficial effect on human health? A study protocol for a randomised crossover controlled trial to evaluate its health effects. <i>BMJ Open</i> , 2016, 6, e013098.	0.8	8
248	Absorption of plant lignans from cereals in an experimental pig model. <i>British Journal of Nutrition</i> , 2016, 115, 1711-1720.	1.2	24
249	Consumption of whole grains in relation to mortality from all causes, cardiovascular disease, and diabetes. <i>Medicine (United States)</i> , 2016, 95, e4229.	0.4	33
250	Flavor of lactic acid fermented malt based beverages: Current status and perspectives. <i>Trends in Food Science and Technology</i> , 2016, 54, 37-51.	7.8	73
251	Consumption of whole grains and cereal fiber in relation to cancer risk: a systematic review of longitudinal studies. <i>Nutrition Reviews</i> , 2016, 74, 353-373.	2.6	41
252	Change in B and E vitamin and lutein, β -sitosterol contents in industrial milling fractions and during toasted bread production. <i>Journal of Cereal Science</i> , 2016, 69, 290-296.	1.8	15
253	Role of Nutrition in Epigenetics and Recent Advances of In Silico Studies. , 2016, , 385-397.		3
254	The 4th International Conference on Food Digestion. <i>Food Research International</i> , 2016, 88, 179-180.	2.9	1
255	Crop management and variety have influence on alkylresolcinol content in triticale grain. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 570-574.	0.3	4
256	Wheat (<i>Triticum aestivum</i> L.) Bran in Bread Making: A Critical Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016, 15, 28-42.	5.9	190
257	Effects on satiation, satiety and food intake of wholegrain and refined grain pasta. <i>Appetite</i> , 2016, 107, 152-158.	1.8	18

#	ARTICLE	IF	CITATIONS
258	Association between a dietary carbohydrate index and cardiovascular disease in the SUN (Seguimiento) Tj ETQqO 0 0 rgBT /Overlock 10 1048-1056.	1.1	37
260	Antimicrobial Resistance of Fermented Food Bacteria. , 2016, , 258-276.		0
261	Whole grain consumption and risk of cardiovascular disease, cancer, and all cause and cause specific mortality: systematic review and dose-response meta-analysis of prospective studies. BMJ, The, 2016, 353, i2716.	3.0	628
262	Mediterranean Diet and cancer risk: an open issue. International Journal of Food Sciences and Nutrition, 2016, 67, 593-605.	1.3	29
263	Effects of Penicillium chrysogenum var. halophenolicum on kraft lignin: color stabilization and cytotoxicity evaluation. 3 Biotech, 2016, 6, 102.	1.1	6
264	Whole Grain Intake and Mortality From All Causes, Cardiovascular Disease, and Cancer. Circulation, 2016, 133, 2370-2380.	1.6	173
265	Physicochemical Properties of Dough and Steamed Bread Made from Regular and Whole Wheat Flour. International Journal of Food Engineering, 2016, 12, 411-419.	0.7	8
266	Suppressed Sex Hormone Biosynthesis by Alkylresorcinols: A Possible Link to Chemoprevention. Nutrition and Cancer, 2016, 68, 978-987.	0.9	11
267	Extrusion of barley and oat influence the fecal microbiota and SCFA profile of growing pigs. Food and Function, 2016, 7, 1024-1032.	2.1	31
268	Sensory characteristics of wholegrain and bran-rich cereal foods â€“ AÂˆreview. Trends in Food Science and Technology, 2016, 47, 25-38.	7.8	182
269	In vitro starch digestion kinetics of diets varying in resistant starch and arabinoxylan compared with in vivo portal appearance of glucose in pigs. Food Research International, 2016, 88, 199-206.	2.9	12
270	Effect of primary processing of cereals and legumes on its nutritional quality: A comprehensive review. Cogent Food and Agriculture, 2016, 2, .	0.6	145
271	New Horizons for the Study of Dietary Fiber and Health: A Review. Plant Foods for Human Nutrition, 2016, 71, 1-12.	1.4	244
272	Development of Lipophilic Antioxidants and Chloroplasts during the Sprouting of Diverse <i>Triticum</i> spp.. Journal of Agricultural and Food Chemistry, 2016, 64, 913-922.	2.4	9
273	Glycaemic and insulin index of four common German breads. European Journal of Clinical Nutrition, 2016, 70, 808-811.	1.3	17
274	Lipophilic antioxidants in wheat (Triticum spp.): A target for breeding new varieties for future functional cereal products. Journal of Functional Foods, 2016, 20, 594-605.	1.6	41
275	Dietary fiber and satiety: the effects of oats on satiety. Nutrition Reviews, 2016, 74, 131-147.	2.6	129
276	Antioxidative and anti-inflammatory effect of in vitro digested cookies baked using different types of flours and fermentation methods. Food Research International, 2016, 88, 256-262.	2.9	30

#	ARTICLE	IF	CITATIONS
277	Effect of aleurone-rich flour on composition, baking, textural, and sensory properties of bread. <i>LWT - Food Science and Technology</i> , 2016, 65, 762-769.	2.5	42
278	Effect of Whole Grain Wheat Flour on the Mixing Properties, Oil Uptake, and In Vitro Starch Digestibility of Instant Fried Noodles. <i>Cereal Chemistry</i> , 2016, 93, 100-103.	1.1	7
279	Antioxidant properties of diverse cereal grains: A review on in vitro and in vivo studies. <i>Food Chemistry</i> , 2016, 196, 90-97.	4.2	176
280	Food intake and inflammation in European children: the IDEFICS study. <i>European Journal of Nutrition</i> , 2016, 55, 2459-2468.	4.6	30
281	Reducing of acrylamide formation in wheat biscuits supplemented with flaxseed and lupine. <i>LWT - Food Science and Technology</i> , 2016, 65, 275-282.	2.5	38
282	Carotenoid evolution during short-storage period of durum wheat (<i>Triticum turgidum</i> conv. <i>durum</i>) and tritordeum (<i>A</i> -Tritordeum Ascherson et Graebner) whole-grain flours. <i>Food Chemistry</i> , 2016, 192, 714-723.	4.2	40
283	Effects of increased wholegrain consumption on immune and inflammatory markers in healthy low habitual wholegrain consumers. <i>European Journal of Nutrition</i> , 2016, 55, 183-195.	1.8	26
284	Whole grain in manufactured foods: Current use, challenges and the way forward. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 1562-1568.	5.4	47
285	The nutritional property of endosperm starch and its contribution to the health benefits of whole grain foods. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3807-3817.	5.4	23
286	Modification of appetite by bread consumption: A systematic review of randomized controlled trials. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3035-3050.	5.4	13
287	Mass spectrometry-based analysis of whole-grain phytochemicals. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 1688-1709.	5.4	49
288	Intakes of whole grain in an Italian sample of children, adolescents and adults. <i>European Journal of Nutrition</i> , 2017, 56, 521-533.	1.8	49
289	Genetic variation for phenolic acids concentration and composition in a tetraploid wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	42
290	Environment and genotype effects on antioxidant properties of organically grown wheat varieties: a 3-year study. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 641-649.	1.7	27
291	A lifestyle intervention among elderly men on active surveillance for non-aggressive prostate cancer: a randomised feasibility study with whole-grain rye and exercise. <i>Trials</i> , 2017, 18, 20.	0.7	15
292	Treatment of reactive hypoglycemia with the macrobiotic Ma-pi 2 diet as assessed by continuous glucose monitoring: The MAHYP randomized crossover trial. <i>Metabolism: Clinical and Experimental</i> , 2017, 69, 148-156.	1.5	13
293	Use of bran fractions and debranned kernels for the development of pasta with high nutritional and healthy potential. <i>Food Chemistry</i> , 2017, 225, 77-86.	4.2	51
294	Alkylresorcinols activate SIRT1 and delay ageing in <i>Drosophila melanogaster</i> . <i>Scientific Reports</i> , 2017, 7, 43679.	1.6	26

#	ARTICLE	IF	CITATIONS
295	Substituting whole grains for refined grains in a 6-wk randomized trial favorably affects energy-balance metrics in healthy men and postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 589-599.	2.2	74
296	Substituting whole grains for refined grains in a 6-wk randomized trial has a modest effect on gut microbiota and immune and inflammatory markers of healthy adults. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 635-650.	2.2	203
297	Relation between polyphenol profile and antioxidant capacity of different Argentinean wheat varieties. A Boosted Regression Trees study. <i>Food Chemistry</i> , 2017, 232, 79-88.	4.2	27
298	Calprotectin in serum and zonulin in serum and feces are elevated after introduction of a diet with lower carbohydrate content and higher fiber, fat and protein contents. <i>Biomedical Reports</i> , 2017, 6, 411-422.	0.9	43
299	Food groups and risk of type 2 diabetes mellitus: a systematic review and meta-analysis of prospective studies. <i>European Journal of Epidemiology</i> , 2017, 32, 363-375.	2.5	522
300	A review on the status of the phenolic compounds and antioxidant capacity of the flour: Effects of cereal processing. <i>International Journal of Food Properties</i> , 2017, 20, S798-S809.	1.3	39
301	Effect of Different Extrusion Parameters on Dietary Fiber in Wheat Bran and Rye Bran. <i>Journal of Food Science</i> , 2017, 82, 1344-1350.	1.5	42
302	Quantification of benzoxazinoids and their metabolites in Nordic breads. <i>Food Chemistry</i> , 2017, 235, 7-13.	4.2	12
303	Bioactive compound and antioxidant activity distribution in roller-milled and pearled fractions of conventional and pigmented wheat varieties. <i>Food Chemistry</i> , 2017, 233, 483-491.	4.2	69
304	Food groups and risk of all-cause mortality: a systematic review and meta-analysis of prospective studies. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1462-1473.	2.2	413
305	Dietary Fiber Intake in Relation to Knee Pain Trajectory. <i>Arthritis Care and Research</i> , 2017, 69, 1331-1339.	1.5	42
306	Micronutrient deficiencies in the elderly – could ready meals be part of the solution?. <i>Journal of Nutritional Science</i> , 2017, 6, e2.	0.7	28
307	Cultivated Ancient Wheats (<i>Triticum</i> spp.): A Potential Source of Health-Beneficial Food Products. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2017, 16, 477-488.	5.9	211
308	Nutritional evaluation of multigrain Khakra. <i>Food Bioscience</i> , 2017, 19, 80-84.	2.0	12
309	Early-life nutritional exposures and lifelong health: immediate and long-lasting impacts of probiotics, vitamin D, and breastfeeding. <i>Nutrition Reviews</i> , 2017, 75, nuw056.	2.6	35
310	The histology of grain caryopses for nutrient location: a comparative study of six cereals. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1238-1245.	1.3	8
311	Functional foods in pet nutrition: Focus on dogs and cats. <i>Research in Veterinary Science</i> , 2017, 112, 161-166.	0.9	60
312	Sequential fractionation of feruloylated hemicelluloses and oligosaccharides from wheat bran using subcritical water and xylanolytic enzymes. <i>Green Chemistry</i> , 2017, 19, 1919-1931.	4.6	56

#	ARTICLE	IF	CITATIONS
313	Effects of Fermented Edible Seeds and Their Products on Human Health: Bioactive Components and Bioactivities. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2017, 16, 489-531.	5.9	60
314	Whole-Grain Intake, Reflected by Dietary Records and Biomarkers, Is Inversely Associated with Circulating Insulin and Other Cardiometabolic Markers in 8- to 11-Year-Old Children. <i>Journal of Nutrition</i> , 2017, 147, 816-824.	1.3	33
315	HealthBread: Wholegrain and high fibre breads with optimised textural quality. <i>Journal of Cereal Science</i> , 2017, 78, 57-65.	1.8	10
316	Impact of native form oat β -glucan on starch digestion and postprandial glycemia. <i>Journal of Cereal Science</i> , 2017, 73, 84-90.	1.8	53
317	Providing evidence to support the development of whole grain dietary recommendations in the United Kingdom. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 369-377.	0.4	20
318	Healthy-eating attitudes and the incidence of cardiovascular disease: the SUN cohort. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 595-604.	1.3	8
319	Metabolic Profiling Reveals Differences in Plasma Concentrations of Arabinose and Xylose after Consumption of Fiber-Rich Pasta and Wheat Bread with Differential Rates of Systemic Appearance of Exogenous Glucose in Healthy Men. <i>Journal of Nutrition</i> , 2017, 147, 152-160.	1.3	14
320	Total Dietary Fiber Intake, Whole Grain Consumption, and Their Biological Effects. <i>Reference Series in Phytochemistry</i> , 2017, , 1-22.	0.2	0
321	Whole grain cereals for the primary or secondary prevention of cardiovascular disease. <i>The Cochrane Library</i> , 2021, 2021, CD005051.	1.5	48
322	Development and functional characterization of new antioxidant dietary fibers from pomegranate, olive and artichoke by-products. <i>Food Research International</i> , 2017, 101, 155-164.	2.9	30
323	Effects of Bran Prehydration on Functional Characteristics and Bread-Baking Quality of Bran and Flour Blends. <i>Cereal Chemistry</i> , 2017, 94, 834-839.	1.1	5
324	A novel neurological function of rice bran: a standardized rice bran supplement promotes non-rapid eye movement sleep in mice through histamine H ₁ receptors. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700316.	1.5	19
326	Impact of sourdough fermentation on appetite and postprandial metabolic responses – a randomised cross-over trial with whole grain rye crispbread. <i>British Journal of Nutrition</i> , 2017, 118, 686-697.	1.2	18
327	Dietary steamed wheat bran increases postprandial fat oxidation in association with a reduced blood glucose-dependent insulinotropic polypeptide response in mice. <i>Food and Nutrition Research</i> , 2017, 61, 1361778.	1.2	6
328	Dietary alkylresorcinols and cancer prevention: a systematic review. <i>European Food Research and Technology</i> , 2017, 243, 1693-1710.	1.6	44
329	Phenolics from Whole Grain Oat Products as Modifiers of Starch Digestion and Intestinal Glucose Transport. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6831-6839.	2.4	36
330	Biofortification with Iron and Zinc Improves Nutritional and Nutraceutical Properties of Common Wheat Flour and Bread. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5443-5452.	2.4	46
331	Dietary fibers and associated phytochemicals in cereals. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600518.	1.5	67

#	ARTICLE	IF	CITATIONS
332	Bioactive phytochemicals in barley. <i>Journal of Food and Drug Analysis</i> , 2017, 25, 148-161.	0.9	224
333	A novel antioxidant peptide derived from wheat germ prevents high glucose-induced oxidative stress in vascular smooth muscle cells in vitro. <i>Food and Function</i> , 2017, 8, 142-150.	2.1	20
334	Intra-individual variation of plasma trimethylamine-N-oxide (TMAO), betaine and choline over 1 year. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 261-268.	1.4	76
335	Dietary intake in people consuming a reduced-carbohydrate diet in the National Diet and Nutrition Survey. <i>Journal of Human Nutrition and Dietetics</i> , 2017, 30, 360-368.	1.3	4
336	The content and distribution of steryl ferulates in wheat produced in Japan. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 573-580.	0.6	9
337	Structural and functional characterization of oxidized feruloylated arabinoxylan from wheat. <i>Food Hydrocolloids</i> , 2017, 63, 219-225.	5.6	26
338	Phenolic acids and antioxidant activity of wheat species: a review. <i>Agriculture</i> , 2017, 63, 92-101.	0.2	13
339	Flaxseed meal and oat hulls supplementation modulates growth performance, blood lipids, intestinal fermentation, bile acids, and neutral sterols in growing pigs fed corn-soybean meal-based diets. <i>Journal of Animal Science</i> , 2017, 95, 3068-3078.	0.2	13
340	Finger millet bioactive compounds, bioaccessibility, and potential health effects - a review. <i>Czech Journal of Food Sciences</i> , 2017, 35, 7-17.	0.6	33
341	Sensory Acceptability of Infant Cereals with Whole Grain in Infants and Young Children. <i>Nutrients</i> , 2017, 9, 65.	1.7	23
342	The Effects of Moderate Whole Grain Consumption on Fasting Glucose and Lipids, Gastrointestinal Symptoms, and Microbiota. <i>Nutrients</i> , 2017, 9, 173.	1.7	40
343	Dietary Sources and Bioactivities of Melatonin. <i>Nutrients</i> , 2017, 9, 367.	1.7	212
344	Anti-Inflammatory Activity of Citric Acid-Treated Wheat Germ Extract in Lipopolysaccharide-Stimulated Macrophages. <i>Nutrients</i> , 2017, 9, 730.	1.7	35
345	Whole Grain Intake and Glycaemic Control in Healthy Subjects: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2017, 9, 769.	1.7	81
346	Adherence to Mediterranean Diet and Risk of Cancer: An Updated Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2017, 9, 1063.	1.7	440
347	Fermented Pulses in Nutrition and Health Promotion. , 2017, , 385-416.		16
348	Prebiotics: Inulin and Other Oligosaccharides. , 2017, , 201-208.		20
349	Nutritional and Acquired Deficiencies in Inositol Bioavailability. Correlations with Metabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2187.	1.8	72

#	ARTICLE	IF	CITATIONS
350	Lutein Esterification in Wheat Flour Increases the Carotenoid Retention and Is Induced by Storage Temperatures. <i>Foods</i> , 2017, 6, 111.	1.9	27
351	Effects of ingredients of Korean brown rice cookies on attenuation of cholesterol level and oxidative stress in high-fat diet-fed mice. <i>Nutrition Research and Practice</i> , 2017, 11, 365.	0.7	2
352	New Concepts and Paradigms for the Protective Effects of Plant-Based Food Components in Relation to Food Complexity. , 2017, , 293-312.		8
353	Effects of the "œplate model" as part of dietary intervention on modification of selected cardiometabolic risk factors in post-myocardial infarction patients: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 314.	0.7	6
354	Wheat Bran Dietary Fiber: Promising Source of Prebiotics with Antioxidant Potential. <i>Journal of Food Research</i> , 2017, 6, 1.	0.1	11
355	Functional Pet Foods. , 2017, , .		0
356	Fermented Pulse-Based Food Products in Developing Nations as Functional Foods and Ingredients. , 0, , .		21
358	Review of Nutraceuticals and Functional Properties of Whole Wheat. <i>Journal of Nutrition & Food Sciences</i> , 2017, 07, .	1.0	12
359	Rheological, Antioxidative, and Sensory Properties of Chinese Alkaline Noodle Prepared with Regular and Whole Wheat Flour. <i>International Journal of Food Engineering</i> , 2018, 14, .	0.7	8
360	Food pyramid for subjects with chronic pain: foods and dietary constituents as anti-inflammatory and antioxidant agents. <i>Nutrition Research Reviews</i> , 2018, 31, 131-151.	2.1	75
361	Determination of phenolic compounds in ancient and modern durum wheat genotypes. <i>Electrophoresis</i> , 2018, 39, 2001-2010.	1.3	40
362	Whole Tibetan Hull-Less Barley Exhibit Stronger Effect on Promoting Growth of Genus <i>Bifidobacterium</i> than Refined Barley <i>In Vitro</i> . <i>Journal of Food Science</i> , 2018, 83, 1116-1124.	1.5	13
363	Influence of Agricultural Management on Phytochemicals of Colored Corn Genotypes (<i>Zea</i>) Tj ETQq0 0 0 r gBT /Overlock 10 Tf 50 267 4300-4308.	2.4	11
365	Processing of oat: the impact on oat's cholesterol lowering effect. <i>Food and Function</i> , 2018, 9, 1328-1343.	2.1	77
366	Influence of rye flour enzymatic biotransformation on the antioxidant capacity and transepithelial transport of phenolic acids. <i>Food and Function</i> , 2018, 9, 1889-1898.	2.1	5
367	Centrifugal milling of wheat bran. <i>Cereal Chemistry</i> , 2018, 95, 330-341.	1.1	5
368	New alkylresorcinol metabolites in spot urine as biomarkers of whole grain wheat and rye intake in a Swedish middle-aged population. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 1439-1446.	1.3	10
369	Effect of lutein esterification on the differential distribution of carotenoids in germ and endosperm fractions from tritordeum grains. <i>Journal of Cereal Science</i> , 2018, 79, 462-468.	1.8	14

#	ARTICLE	IF	CITATIONS
370	Impact of Conventional and Integrated Management Systems on the Water-Soluble Vitamin Content in Potatoes, Field Beans, and Cereals. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 831-841.	2.4	5
371	Particle size determines the anti-inflammatory effect of wheat bran in a model of fructose over-consumption: Implication of the gut microbiota. <i>Journal of Functional Foods</i> , 2018, 41, 155-162.	1.6	24
372	<i>In vitro</i> fermentation gas kinetics and end-products of soluble and insoluble cereal flour dietary fibres are similar. <i>Food and Function</i> , 2018, 9, 898-905.	2.1	24
373	Hydrothermal grain pre-processing and ultra-fine milling for the production of durum wheat flour fractions with high nutritional value. <i>Food Science and Technology International</i> , 2018, 24, 242-250.	1.1	9
374	Associations between a Mediterranean diet pattern and inflammatory biomarkers in European adolescents. <i>European Journal of Nutrition</i> , 2018, 57, 1747-1760.	1.8	41
375	From seed to cooked pasta: influence of traditional and non-conventional transformation processes on total antioxidant capacity and phenolic acid content. <i>International Journal of Food Sciences and Nutrition</i> , 2018, 69, 24-32.	1.3	17
376	Application of the QUENCHER methodology to the food industry. <i>Food Chemistry</i> , 2018, 240, 951-958.	4.2	8
377	Whole grain consumption is negatively correlated with obesity-associated aortic stiffness: A hypothesis. <i>Nutrition</i> , 2018, 45, 32-36.	1.1	8
378	Whole cereal grains and potential health effects: Involvement of the gut microbiota. <i>Food Research International</i> , 2018, 103, 84-102.	2.9	136
379	Association Between Dietary Fiber Intake and Bone Loss in the Framingham Offspring Study. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 241-249.	3.1	42
380	Differentiation of modern and ancient varieties of common wheat by quantitative capillary electrophoretic profile of phenolic acids. <i>Journal of Chromatography A</i> , 2018, 1532, 208-215.	1.8	26
381	Zinc nutrition in wheat-based cropping systems. <i>Plant and Soil</i> , 2018, 422, 283-315.	1.8	152
382	Nutrition, inflammation and liver-spleen axis. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 3141-3158.	5.4	74
383	Propiedades funcionales in-vitro y efectos fisiológicos in-vivo sobre ratas Holtzman de dietas con nuevas fuentes de fibra. <i>Revista Chilena De Nutricion</i> , 2018, 45, 223-231.	0.1	2
384	Metabolic and Microbiome Innovations for Improving Phenolic Bioactives for Health. <i>ACS Symposium Series</i> , 2018, , 261-281.	0.5	1
385	Whole grain diet reduces systemic inflammation. <i>Medicine (United States)</i> , 2018, 97, e12995.	0.4	32
386	WHEAT BRAN EXTRACT MIMICS STATIN LIKE ACTION IN HYPERLIPIDEMIC RABBITS: AN EXPERIMENTAL STUDY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 402.	0.3	1
387	Cereal intake status and nutritional status of adults: results from the Korean National Health and Nutrition Examination Survey, 2013 ~ 2016. <i>Journal of Nutrition and Health</i> , 2018, 51, 515.	0.2	2

#	ARTICLE	IF	CITATIONS
388	Genotypic diversity of bran weight of whole grain rice and its relationship with grain physical traits. <i>Cereal Chemistry</i> , 2018, 96, 252.	1.1	5
389	Inositols in Insulin Signaling and Glucose Metabolism. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-8.	0.6	83
390	A 12-wk whole-grain wheat intervention protects against hepatic fat: the Graandioos study, a randomized trial in overweight subjects. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1264-1274.	2.2	50
391	Effect of bran hydration with enzymes on functional properties of flour-bran blends. <i>Cereal Chemistry</i> , 2019, 96, 273-282.	1.1	16
392	Review on structural, nutritional and anti-nutritional composition of Teff (<i>Eragrostis tef</i>) in comparison with Quinoa (<i>Chenopodium quinoa</i> Willd.). <i>Cogent Food and Agriculture</i> , 2018, 4, 1546942.	0.6	34
393	Diets rich in whole grains increase betainized compounds associated with glucose metabolism. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 971-979.	2.2	47
394	Whole Grains and Phenolic Acids: A Review on Bioactivity, Functionality, Health Benefits and Bioavailability. <i>Nutrients</i> , 2018, 10, 1615.	1.7	272
395	Phenolic acid composition and antioxidant activity of hard red winter wheat varieties. <i>Journal of Food Biochemistry</i> , 2018, 42, e12682.	1.2	23
396	Effect of cooking on glycemic index, antioxidant activities, α -amylase, and α -glucosidase inhibitory properties of two rice varieties. <i>Food Science and Nutrition</i> , 2018, 6, 2301-2307.	1.5	14
397	Wholegrain Intake and Risk of Type 2 Diabetes: Evidence from Epidemiological and Intervention Studies. <i>Nutrients</i> , 2018, 10, 1288.	1.7	63
398	Effect of Dietary Carbohydrate Type on Serum Cardiometabolic Risk Indicators and Adipose Tissue Inflammatory Markers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3430-3438.	1.8	11
399	Perspective: Reductionist Nutrition Research Has Meaning Only within the Framework of Holistic and Ethical Thinking. <i>Advances in Nutrition</i> , 2018, 9, 655-670.	2.9	43
400	Associations of Whole and Refined Grain Intakes with Adiposity-Related Cancer Risk in the Framingham Offspring Cohort (1991-2013). <i>Nutrition and Cancer</i> , 2018, 70, 776-786.	0.9	12
401	Recent advances in utilization of flaxseed as potential source for value addition. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2018, 25, A304.	0.6	38
402	Role of whole grains versus fruits and vegetables in reducing subclinical inflammation and promoting gastrointestinal health in individuals affected by overweight and obesity: a randomized controlled trial. <i>Nutrition Journal</i> , 2018, 17, 72.	1.5	67
404	Diet and Cancer. , 2018, , .		0
405	Biofortified Crops Generated by Breeding, Agronomy, and Transgenic Approaches Are Improving Lives of Millions of People around the World. <i>Frontiers in Nutrition</i> , 2018, 5, 12.	1.6	426
406	Comparison of Conventional and Microwave Assisted Heating on Carbohydrate Content, Antioxidant Capacity and Postprandial Glycemic Response in Oat Meals. <i>Nutrients</i> , 2018, 10, 207.	1.7	12

#	ARTICLE	IF	CITATIONS
407	Dietary Fibre Intake in Australia. Paper I: Associations with Demographic, Socio-Economic, and Anthropometric Factors. <i>Nutrients</i> , 2018, 10, 599.	1.7	51
408	Higher Whole-Grain Intake Is Associated with Lower Risk of Type 2 Diabetes among Middle-Aged Men and Women: The Danish Diet, Cancer, and Health Cohort. <i>Journal of Nutrition</i> , 2018, 148, 1434-1444.	1.3	56
409	Functional and health-endorsing properties of wheat and barley cell wall's non-starch polysaccharides. <i>International Journal of Food Properties</i> , 2018, 21, 1463-1480.	1.3	31
410	Evaluating Whole Grain Intervention Study Designs and Reporting Practices Using Evidence Mapping Methodology. <i>Nutrients</i> , 2018, 10, 1052.	1.7	12
411	An Audit of Australian Bread with a Focus on Loaf Breads and Whole Grain. <i>Nutrients</i> , 2018, 10, 1106.	1.7	22
412	Changes in Nutritional Properties and Bioactive Compounds in Cereals During Extrusion Cooking. , O, , .		13
413	A comprehensive review on beneficial dietary phytochemicals in common traditional Southern African leafy vegetables. <i>Food Science and Nutrition</i> , 2018, 6, 714-727.	1.5	29
414	Characterization of the Degree of Food Processing in Relation With Its Health Potential and Effects. <i>Advances in Food and Nutrition Research</i> , 2018, 85, 79-129.	1.5	58
415	Whole Grain Consumption for the Prevention and Treatment of Breast Cancer. <i>Nutrients</i> , 2019, 11, 1769.	1.7	43
416	Distribution of bioactive compounds in pearled fractions of tritordeum. <i>Food Chemistry</i> , 2019, 301, 125228.	4.2	28
418	Zymolytic Grain Extract (ZGE) Significantly Extends the Lifespan and Enhances the Environmental Stress Resistance of <i>Caenorhabditis elegans</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 3489.	1.8	8
419	Contribution of gut microbiota to metabolism of dietary glycine betaine in mice and in vitro colonic fermentation. <i>Microbiome</i> , 2019, 7, 103.	4.9	65
420	The Effect of Whole-Grain Intake on Biomarkers of Subclinical Inflammation: A Comprehensive Meta-analysis of Randomized Controlled Trials. <i>Advances in Nutrition</i> , 2020, 11, 52-65.	2.9	20
421	Alterations in gut microflora populations and brush border functionality following intra-amniotic administration (<i>Gallus gallus</i>) of wheat bran prebiotic extracts. <i>Food and Function</i> , 2019, 10, 4834-4843.	2.1	22
422	The impact of Tartary buckwheat extract on the nutritional property of starch in a whole grain context. <i>Journal of Cereal Science</i> , 2019, 89, 102798.	1.8	17
423	Enzyme Treatment Alters the Anti-Inflammatory Activity of the Water Extract of Wheat Germ In Vitro and In Vivo. <i>Nutrients</i> , 2019, 11, 2490.	1.7	8
424	Bioaccessible phenolics and flavonoids from wheat flour products subjected to different processing variables. <i>Cereal Chemistry</i> , 2019, 96, 1068-1078.	1.1	3
425	Plant Foods, Antioxidant Biomarkers, and the Risk of Cardiovascular Disease, Cancer, and Mortality: A Review of the Evidence. <i>Advances in Nutrition</i> , 2019, 10, S404-S421.	2.9	114

#	ARTICLE	IF	CITATIONS
426	Planting Locations with Higher Temperature Produce More Bioactive Compounds and Antioxidant Capacities of Wheat. <i>Agronomy</i> , 2019, 9, 538.	1.3	4
427	Whole Grain Wheat Consumption Affects Postprandial Inflammatory Response in a Randomized Controlled Trial in Overweight and Obese Adults with Mild Hypercholesterolemia in the Graandiosos Study. <i>Journal of Nutrition</i> , 2019, 149, 2133-2144.	1.3	33
428	Effect of Ethiopian Orthodox Christian (EtOC) religious fasting with vegan diet on changes of blood metabolites and body composition: an observational study. <i>Nutrire</i> , 2019, 44, .	0.3	2
429	Glycaemic, gastrointestinal, hormonal and appetitive responses to pearl millet or oats porridge breakfasts: a randomised, crossover trial in healthy humans. <i>British Journal of Nutrition</i> , 2019, 122, 1142-1154.	1.2	21
430	Anti-hypertensive Effect of Cereal Antioxidant Ferulic Acid and Its Mechanism of Action. <i>Frontiers in Nutrition</i> , 2019, 6, 121.	1.6	88
431	Comparative Nutrient Profiling of Retail Goat and Cow Milk. <i>Nutrients</i> , 2019, 11, 2282.	1.7	52
432	Steeping and germination of wheat (<i>Triticum aestivum</i> L.). I. Unlocking the impact of phytate and cell wall hydrolysis on bio-accessibility of iron and zinc elements. <i>Journal of Cereal Science</i> , 2019, 90, 102847.	1.8	12
433	Bioactive compounds, antioxidant activity and physical characteristics of wheat-prickly pear and banana biscuits. <i>Heliyon</i> , 2019, 5, e02479.	1.4	59
434	Specific Wheat Fractions Influence Hepatic Fat Metabolism in Diet-Induced Obese Mice. <i>Nutrients</i> , 2019, 11, 2348.	1.7	9
435	Overview of the Anticancer Profile of Avenanthramides from Oat. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4536.	1.8	31
436	Modification of wheat bran particle size and tissue composition affects colonisation and metabolism by human faecal microbiota. <i>Food and Function</i> , 2019, 10, 379-396.	2.1	22
437	Does intake of bread supplemented with wheat germ have a preventive role on cardiovascular disease risk markers in healthy volunteers? A randomised, controlled, crossover trial.. <i>BMJ Open</i> , 2019, 9, e023662.	0.8	5
438	Total Dietary Fiber Intake, Whole Grain Consumption, and Their Biological Effects. <i>Reference Series in Phytochemistry</i> , 2019, , 701-722.	0.2	1
439	Arsenic and Heavy Metal (Cadmium, Lead, Mercury and Nickel) Contamination in Plant-Based Foods. , 2019, , 447-490.		27
440	Wholegrains and health: Many benefits but do contaminants pose any risk?. <i>Nutrition Bulletin</i> , 2019, 44, 107-115.	0.8	8
441	Controlled sprouting in wheat increases quality and consumer acceptability of wholeâ€wheat bread. <i>Cereal Chemistry</i> , 2019, 96, 866-877.	1.1	11
442	Effects of processing on the phenolic contents, antioxidant activity and volatile profile of wheat bran tea. <i>International Journal of Food Science and Technology</i> , 2019, 54, 3156-3165.	1.3	16
443	Effect of <i>In Vitro</i> Digestion on Phytochemical Profiles and Cellular Antioxidant Activity of Whole Grains. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7016-7024.	2.4	46

#	ARTICLE	IF	CITATIONS
444	Biometric Analyses of Yield, Oil and Protein Contents of Wheat (<i>Triticum aestivum</i> L.) Genotypes in Different Environments. <i>Agronomy</i> , 2019, 9, 270.	1.3	16
445	Glucose- and Lipid-Related Biomarkers Are Affected in Healthy Obese or Hyperglycemic Adults Consuming a Whole-Grain Pasta Enriched in Prebiotics and Probiotics: A 12-Week Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2019, 149, 1714-1723.	1.3	37
446	Mediterranean Diet Pyramid: A Proposal for Italian People. A Systematic Review of Prospective Studies to Derive Serving Sizes. <i>Nutrients</i> , 2019, 11, 1296.	1.7	32
447	Structural-mechanical characteristics of fruit jam enriched with fibers. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
448	Hypoglycemic effects of wheat bran alkyresorcinols in high-fat/high-sucrose diet and low-dose streptozotocin-induced type 2 diabetic male mice and protection of pancreatic β cells. <i>Food and Function</i> , 2019, 10, 3282-3290.	2.1	18
449	Concentrations of phytoestrogens in conventional, organic and free-range retail milk in England. <i>Food Chemistry</i> , 2019, 295, 1-9.	4.2	9
450	Development of a low-fat, high-fibre snack: effect of bran particle sizes and processing conditions. <i>Heliyon</i> , 2019, 5, e01364.	1.4	10
451	Biochemical characterization and technofunctional properties of bioprocessed wheat bran protein isolates. <i>Food Chemistry</i> , 2019, 289, 103-111.	4.2	45
452	Types of Carbohydrates Intake during Pregnancy and Frequency of a Small for Gestational Age Newborn: A Case-Control Study. <i>Nutrients</i> , 2019, 11, 523.	1.7	7
455	The Roles of Food Processing in Translation of Dietary Guidance for Whole Grains, Fruits, and Vegetables. <i>Annual Review of Food Science and Technology</i> , 2019, 10, 569-596.	5.1	17
456	Naturally Lignan-Rich Foods: A Dietary Tool for Health Promotion?. <i>Molecules</i> , 2019, 24, 917.	1.7	204
457	Fermented Malt Beverages and Their Biomedical Health Potential: Classification, Composition, Processing, and Bio-Functional Properties. , 2019, , 369-400.		5
458	Potato product form impacts <i>in vitro</i> starch digestibility and glucose transport but only modestly impacts 24 h blood glucose response in humans. <i>Food and Function</i> , 2019, 10, 1846-1855.	2.1	10
459	Arabinoxylans-enriched fractions: From dry fractionation of wheat bran to the investigation on bread baking performance. <i>Journal of Cereal Science</i> , 2019, 87, 1-8.	1.8	28
460	Infant Cereals: Current Status, Challenges, and Future Opportunities for Whole Grains. <i>Nutrients</i> , 2019, 11, 473.	1.7	44
461	Cardioprotective Potential of Flaxseeds in Diabetes. , 2019, , 361-374.		2
462	Effects of dietary fat on gut microbiota and faecal metabolites, and their relationship with cardiometabolic risk factors: a 6-month randomised controlled-feeding trial. <i>Gut</i> , 2019, 68, 1417-1429.	6.1	422
463	Whole grain, bran and cereal fibre consumption and CVD: a systematic review. <i>British Journal of Nutrition</i> , 2019, 121, 914-937.	1.2	54

#	ARTICLE	IF	CITATIONS
465	Functional Cereal Products in the Diet for Type 2 Diabetes Patients. <i>International Journal of Food Science</i> , 2019, 2019, 1-7.	0.9	12
466	Genomic insights from the first chromosome-scale assemblies of oat (<i>Avena</i> spp.) diploid species. <i>BMC Biology</i> , 2019, 17, 92.	1.7	58
467	Vežane fenolne spojine polnozrnatih $\frac{3}{4}$ itnih pripravkov kot sestavina funkcionalnih $\frac{3}{4}$ ivil: prvi del. <i>Acta Agriculturae Slovenica</i> , 2019, 114, 269.	0.2	1
468	Biomarkers of Whole-Grain and Cereal-Fiber Intake in Human Studies: A Systematic Review of the Available Evidence and Perspectives. <i>Nutrients</i> , 2019, 11, 2994.	1.7	17
469	Prediagnosis plasma concentrations of enterolactone and survival after colorectal cancer: the Danish Diet, Cancer and Health cohort. <i>British Journal of Nutrition</i> , 2019, 122, 552-563.	1.2	9
470	Effects of Whole-Grain Consumption on Selected Biomarkers of Systemic Inflammation: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Journal of the American College of Nutrition</i> , 2019, 38, 275-285.	1.1	28
471	Gut microbiome catabolites as novel modulators of muscle cell glucose metabolism. <i>FASEB Journal</i> , 2019, 33, 1887-1898.	0.2	51
472	Determination of Free Soluble Phenolic Compounds in Grains of Ancient Wheat Varieties (<i>Triticum</i> sp. pl.) by Liquid Chromatography–Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 201-212.	2.4	13
473	Glucose Appearance Rate Rather than the Blood Glucose Concentrations Explains Differences in Postprandial Insulin Responses between Wholemeal Rye and Refined Wheat Breads—Results from a Cross-Over Meal Study. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800959.	1.5	8
474	The effect of multiple nutrients on plasma parathyroid hormone level in healthy individuals. <i>International Journal of Food Sciences and Nutrition</i> , 2019, 70, 638-644.	1.3	2
475	Flaxseed meal and oat hulls supplementation: impact on dietary fiber digestibility, and flows of fatty acids and bile acids in growing pigs ¹ . <i>Journal of Animal Science</i> , 2019, 97, 291-301.	0.2	9
476	The macronutrients' interplay. <i>Clinical Nutrition</i> , 2019, 38, 2943-2944.	2.3	3
477	Understanding the role of active components from plant sources in obesity management. <i>Journal of the Saudi Society of Agricultural Sciences</i> , 2019, 18, 168-176.	1.0	27
478	Comparative effects of different whole grains and brans on blood lipid: a network meta-analysis. <i>European Journal of Nutrition</i> , 2019, 58, 2779-2787.	1.8	28
479	Anti-hyperlipidemic and hepatoprotective properties of wheat bran with different particle sizes. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1990-1996.	1.7	5
480	Technologies for enhancement of bioactive components and potential health benefits of cereal and cereal-based foods: Research advances and application challenges. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 207-227.	5.4	45
481	Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial. <i>Gut</i> , 2019, 68, 83-93.	6.1	278
482	Barriers impairing mineral bioaccessibility and bioavailability in plant-based foods and the perspectives for food processing. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 826-843.	5.4	109

#	ARTICLE	IF	CITATIONS
503	Effect of extrusion of whole-grain maize flour on the characteristics of gluten-free cookies. <i>LWT - Food Science and Technology</i> , 2020, 132, 109931.	2.5	20
504	Cereal-Based Nonalcoholic Beverages. , 2020, , 63-99.		10
505	Whole Grain Intake and Impaired Fasting Glucose in Adolescents, National Health and Nutrition Examination Survey, 2005â€“2014. <i>Preventing Chronic Disease</i> , 2020, 17, E130.	1.7	2
506	Understanding wholeâ€“wheat flour and its effect in breads: A review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3241-3265.	5.9	70
507	Dietary Patterns, Carbohydrates, and Age-Related Eye Diseases. <i>Nutrients</i> , 2020, 12, 2862.	1.7	34
508	Nutritional breakfast quality and cardiometabolic risk factors: Health Survey of SÃ£o Paulo, a population-based study. <i>Public Health Nutrition</i> , 2021, 24, 4102-4112.	1.1	6
509	Processing in the food chain: do cereals have to be processed to add value to the human diet?. <i>Nutrition Research Reviews</i> , 2021, 34, 159-173.	2.1	15
510	Wheat Bran Extract Regulates Mast Cell-Mediated Allergic Responses In Vitro and In Vivo. <i>Molecules</i> , 2020, 25, 3997.	1.7	2
511	The effects of different dietary fiber pectin structures on the gastrointestinal immune barrier: impact via gut microbiota and direct effects on immune cells. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1364-1376.	3.2	147
512	Observations on the Malting of Ancient Wheats: Einkorn, Emmer and Spelt. <i>Fermentation</i> , 2020, 6, 125.	1.4	6
513	The Impact of Fermented Wheat Germ Extract on Porcine Epithelial Cell Line Exposed to Deoxynivalenol and T-2 Mycotoxins. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-9.	1.9	6
514	Whole Grains, Refined Grains, and Cancer Risk: A Systematic Review of Meta-Analyses of Observational Studies. <i>Nutrients</i> , 2020, 12, 3756.	1.7	62
515	Bioactive Compounds of a Wheat Bran Oily Extract Obtained with Supercritical Carbon Dioxide. <i>Foods</i> , 2020, 9, 625.	1.9	8
516	Inositols and metabolic disorders: From farm to bedside. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 252-259.	1.5	31
517	Anthocyaninâ€“Biofortified Colored Wheat Prevents High Fat Dietâ€“Induced Alterations in Mice: Nutrigenomics Studies. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1900999.	1.5	30
518	Solid state fermentation by <i>Fomitopsis pinicola</i> improves physicochemical and functional properties of wheat bran and the bran-containing products. <i>Food Chemistry</i> , 2020, 328, 127046.	4.2	30
519	Wheat Bran Intake Enhances the Secretion of Bacteria-Binding IgA in a Lumen of the Intestinal Tract by Increasing Short Chain Fatty Acid Production Through Modulation of Gut Microbiota. <i>Natural Product Communications</i> , 2020, 15, 1934578X2091779.	0.2	5
520	A review of nutrition and dietary interventions in oncology. <i>SAGE Open Medicine</i> , 2020, 8, 205031212092687.	0.7	25

#	ARTICLE	IF	CITATIONS
521	Effect of Extrusion Processing Conditions on the Phenolic Compound Content and Antioxidant Capacity of Sorghum (<i>Sorghum bicolor</i> (L.) Moench) Bran. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 252-257.	1.4	26
522	Bioaccessibility and gut metabolism of phenolic compounds of breads added with green coffee infusion and enzymatically bioprocessed. <i>Food Chemistry</i> , 2020, 333, 127473.	4.2	14
523	Whole grain and dietary fiber intake and risk of colorectal cancer in the NIH-AARP Diet and Health Study cohort. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 603-612.	2.2	55
524	Consumer and health-related traits of seed from selected commercial and breeding lines of industrial hemp, <i>Cannabis sativa</i> L.. <i>Journal of Agriculture and Food Research</i> , 2020, 2, 100025.	1.2	34
525	Plant Cell Walls: Impact on Nutrient Bioaccessibility and Digestibility. <i>Foods</i> , 2020, 9, 201.	1.9	82
526	Effects of whole-grain wheat, rye, and lignan supplementation on cardiometabolic risk factors in men with metabolic syndrome: a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 864-876.	2.2	54
527	Effect of sprouting time on dough and cookies properties. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 1595-1600.	1.6	8
528	Bio-enrichment of phenolic, flavonoids content and antioxidant activity of commonly used pulses by solid-state fermentation. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 1497-1510.	1.6	17
529	Whole grain and high-fibre grain foods: How do knowledge, perceptions and attitudes affect food choice?. <i>Appetite</i> , 2020, 149, 104630.	1.8	45
530	<i>In vitro</i> evaluation of digestive enzyme inhibition and antioxidant effects of naked oat phenolic acid compound (OPC). <i>International Journal of Food Science and Technology</i> , 2020, 55, 2531-2540.	1.3	24
531	Association of dietary intake of fruit and green vegetables with PTEN and P53 mRNA gene expression in visceral and subcutaneous adipose tissues of obese and non-obese adults. <i>Gene</i> , 2020, 733, 144353.	1.0	4
532	Bioactive Components and Health Beneficial Properties of Whole Wheat Foods. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12904-12915.	2.4	44
533	Analysis of other phenolics (capsaicin, gingerol, and alkylresorcinols)., 2020, , 255-271.		4
534	Dietary fibre intake and its association with inflammatory markers in adolescents. <i>British Journal of Nutrition</i> , 2021, 125, 329-336.	1.2	5
535	Fundamental study on changes in the FODMAP profile of cereals, pseudo-cereals, and pulses during the malting process. <i>Food Chemistry</i> , 2021, 343, 128549.	4.2	26
536	Effect of stabilized wholegrain maize flours on the quality characteristics of gluten-free layer cakes. <i>LWT - Food Science and Technology</i> , 2021, 135, 109959.	2.5	10
537	Impact of pregelatinized composite flour on nutritional and functional properties of gluten-free cereal-based cake premixes. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 769-781.	1.6	2
538	Brain foods - the role of diet in brain performance and health. <i>Nutrition Reviews</i> , 2021, 79, 693-708.	2.6	21

#	ARTICLE	IF	CITATIONS
539	Fractionation, physicochemical and structural characterization of polysaccharides from barley water-soluble fiber. <i>Food Hydrocolloids</i> , 2021, 113, 106539.	5.6	13
540	Optimization of germination of white sorghum by response surface methodology for preparing porridges with biological potential. <i>CYTA - Journal of Food</i> , 2021, 19, 49-55.	0.9	6
541	Foods as First Defense Against COVID-19. , 2021, , 153-192.		1
542	Impact of Genotype, Weather Conditions and Production Technology on the Quantitative Profile of Anti-Nutritive Compounds in Rye Grains. <i>Agronomy</i> , 2021, 11, 151.	1.3	8
543	Impact of a Fermented High-Fiber Rye Diet on <i>Helicobacter pylori</i> and Cardio-Metabolic Risk Factors: A Randomized Controlled Trial Among <i>Helicobacter pylori</i> -Positive Chinese Adults. <i>Frontiers in Nutrition</i> , 2020, 7, 608623.	1.6	10
544	Functional foods modulating inflammation and metabolism in chronic diseases: a systematic review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 4371-4392.	5.4	19
545	The role of rye bran and antibiotics on the digestion, fermentation process and short-chain fatty acid production and absorption in an intact pig model. <i>Food and Function</i> , 2021, 12, 2886-2900.	2.1	0
546	Potential Role of Functional Foods and Antioxidants in Relation to Oxidative Stress and Hyperhomocysteinemia. , 2021, , 177-197.		1
547	Innovative Technologies for the Production of Semi-Finished Meat Products as a Factor in the Development of the Consumer Market. <i>SHS Web of Conferences</i> , 2021, 93, 04016.	0.1	0
548	Chemical Contents of Wheat Landraces and Their Contribution to Human Health. , 2021, , 147-167.		1
549	Cereals and Pulses: A Duet of the Mediterranean Diet for a Healthier Future. , 2021, , 151-165.		0
550	Bioactive components, enzymes inhibitory and antioxidant activities of biofortified yellow maize (<i>Zea mays</i> L.) cv. Tj ETQq1 1 0.784314 rgBT /Overl De Jos of Galati, Fascicle VI: Food Technology, 2021, 45, 86-101.	0.1	8
551	Göğüşün Olarak Kullanılan Tahıl Benzeri Ürünlerin Besin Özellikleri ve Kullanım Alanları. <i>European Journal of Science and Technology</i> , 0, , .	0.5	1
552	Whole-Grain Intake and Pancreatic Cancer Risk in The Danish, Diet, Cancer and Health Cohort. <i>Journal of Nutrition</i> , 2021, 151, 666-674.	1.3	11
553	Association between SNP Markers and 11 Vitamin Contents in Grains of a Worldwide Bread Wheat Core Collection. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4307-4318.	2.4	2
554	Higher Alkylresorcinol Concentrations, a Consequence of Whole-Grain Intake, are Inversely Associated with Gestational Diabetes Mellitus in Iceland. <i>Journal of Nutrition</i> , 2021, 151, 1159-1166.	1.3	7
555	Insights into the nutritional value and bioactive properties of quinoa (<i>Chenopodium quinoa</i>): past, present and future prospective. <i>International Journal of Food Science and Technology</i> , 2021, 56, 3726-3741.	1.3	17
556	Dietary Management of Type 2 Diabetes in the MENA Region: A Review of the Evidence. <i>Nutrients</i> , 2021, 13, 1060.	1.7	19

#	ARTICLE	IF	CITATIONS
557	PECULIARITIES OF THE COMPOSITION OF WHEAT AND RYE BRAN AND THEIR ROLE IN THE PREVENTION OF CHRONIC DISEASES OF HUMAN REVIEW. <i>Innovacii I Prodoval'ŝtvennaĀc Bezopasnost'Ē1</i> , 2021, , 41-58.	0.1	3
558	Health benefits of whole grain: effects on dietary carbohydrate quality, the gut microbiome, and consequences of processing. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 2742-2768.	5.9	71
559	Role of dietary polyphenols on gut microbiota, their metabolites and health benefits. <i>Food Research International</i> , 2021, 142, 110189.	2.9	184
560	Putative metabolites involved in the beneficial effects of wholegrain cereal: Nontargeted metabolite profiling approach. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1156-1165.	1.1	8
561	Integrated metabolomics and transcriptomics reveal the differences in fruit quality of the red and white <i>Fragaria pentaphylla</i> morphs. <i>Food Bioscience</i> , 2021, 40, 100896.	2.0	9
562	Mediterranean Diet and SARS-COV-2 Infection: Is There Any Association? A Proof-of-Concept Study. <i>Nutrients</i> , 2021, 13, 1721.	1.7	23
563	Impact of Bacterial Metabolites on Gut Barrier Function and Host Immunity: A Focus on Bacterial Metabolism and Its Relevance for Intestinal Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 658354.	2.2	171
565	Natural Phytochemicals as Novel Therapeutic Strategies to Prevent and Treat Parkinsonâ€™s Disease: Current Knowledge and Future Perspectives. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-32.	1.9	33
567	Probiotic infant cereal improves childrenâ€™s gut microbiota: Insights using the Simulator of Human Intestinal Microbial Ecosystem (SHIMEĀ®). <i>Food Research International</i> , 2021, 143, 110292.	2.9	21
568	Wheat bran, as the resource of dietary fiber: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 7269-7281.	5.4	33
572	Ferulic Acid Derivatives and Avenanthramides Modulate Endothelial Function through Maintenance of Nitric Oxide Balance in HUVEC Cells. <i>Nutrients</i> , 2021, 13, 2026.	1.7	11
573	Extraction, purification, structural characterization, and antioxidant activity of polysaccharides from Wheat Bran. <i>Journal of Molecular Structure</i> , 2021, 1233, 130096.	1.8	43
574	Phytochemical Content and Antioxidant Activity of Ancient Majorca and Carosella (<i>Triticum aestivum</i>) Tj ETQq0 0 0,rgBT /Overlock 10 Tt	1.3	6
575	The impact of dietary macronutrient intake on cognitive function and the brain. <i>Clinical Nutrition</i> , 2021, 40, 3999-4010.	2.3	50
576	Wheat aleurone layer: A site enriched with nutrients and bioactive molecules with potential nutritional opportunities for breeding. <i>Journal of Cereal Science</i> , 2021, 100, 103225.	1.8	22
577	In vitro antioxidant activity and enzyme inhibition properties of wheat whole grain, bran and flour defatted with hexane and supercritical fluid extraction. <i>LWT - Food Science and Technology</i> , 2021, 146, 111376.	2.5	13
578	Estimated Phytate Intake Is Associated with Improved Cognitive Function in the Elderly, NHANES 2013â€™2014. <i>Antioxidants</i> , 2021, 10, 1104.	2.2	9
579	Effect of low glycaemic index or load dietary patterns on glycaemic control and cardiometabolic risk factors in diabetes: systematic review and meta-analysis of randomised controlled trials. <i>BMJ</i> , The, 2021, 374, n1651.	3.0	70

#	ARTICLE	IF	CITATIONS
580	The prevalence of aflatoxins in commercial baby food products: A global systematic review, meta-analysis, and risk assessment study. <i>Trends in Food Science and Technology</i> , 2021, 114, 100-115.	7.8	32
581	Application of response surface methodology for optimization of wheat flour milling process. <i>Cereal Chemistry</i> , 2021, 98, 1215-1226.	1.1	8
582	A reverse catalytic triad Asp containing loop shaping a wide substrate binding pocket of a feruloyl esterase from <i>Lactobacillus plantarum</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 184, 92-100.	3.6	9
583	Whole grain intake and pancreatic cancer risk. <i>Hepatobiliary Surgery and Nutrition</i> , 2021, 10, 530-533.	0.7	0
584	Impact of Roasted Yellow Split Pea Flour on Dough Rheology and Quality of Fortified Wheat Breads. <i>Foods</i> , 2021, 10, 1832.	1.9	26
585	Melatonin and Phytomelatonin: Chemistry, Biosynthesis, Metabolism, Distribution and Bioactivity in Plants and Animals—An Overview. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9996.	1.8	76
586	Substitution of local Indonesian varieties of brown rice on anthropometry and blood glucose level improvement in type 2 DM patients: a pilot project. <i>Journal of Public Health Research</i> , 2021, , .	0.5	0
587	High-amylose wheat bread with reduced in vitro digestion rate and enhanced resistant starch content. <i>Food Hydrocolloids</i> , 2022, 123, 107181.	5.6	34
588	Foodomics in wheat flour reveals phenolic profile of different genotypes and technological qualities. <i>LWT - Food Science and Technology</i> , 2022, 153, 112519.	2.5	5
589	Classification and target compounds. , 2021, , 21-49.		6
590	Improving nutritional quality of wheat under changing climate scenario: challenges and progress. , 2021, , 65-79.		0
591	Dietary Fibers. , 2021, , 1431-1464.		0
592	Perspective: Why Whole Grains Should Be Incorporated into Nutrient-Profile Models to Better Capture Nutrient Density. <i>Advances in Nutrition</i> , 2021, 12, 600-608.	2.9	23
593	Introduction in wheat and breadmaking. , 2021, , 1-27.		3
595	Phytochemicals of Whole Grains and Effects on Health. , 2019, , 309-347.		2
596	Grain Quality in Breeding. , 2020, , 273-307.		7
597	Genotypic and Environmental Effects on Wheat Technological and Nutritional Quality. , 2020, , 171-204.		29
598	Cereal Grain Structure by Microscopic Analysis. <i>Food Engineering Series</i> , 2016, , 1-39.	0.3	3

#	ARTICLE	IF	CITATIONS
599	Dietary Fibre: Wheat Genes for Enhanced Human Health. , 2015, , 411-419.		1
600	Dietary Fiber. , 2013, , 469-474.		1
601	Dietary fibre basics: Health, nutrition, analysis, and applications. Food Quality and Safety, 2017, 1, 47-59.	0.6	106
602	Dietary fibre basics: Health, nutrition, analysis, and applications. Food Quality and Safety, 2017, 1, 47-59.	0.6	23
603	Minor Changes in the Composition and Function of the Gut Microbiota During a 12-Week Whole Grain Wheat or Refined Wheat Intervention Correlate with Liver Fat in Overweight and Obese Adults. Journal of Nutrition, 2021, 151, 491-502.	1.3	22
604	Malting. Contemporary Food Engineering, 2013, , .	0.2	4
605	Shifts in Developmental Timing, and Not Increased Levels of Experience-Dependent Neuronal Activity, Promote Barrel Expansion in the Primary Somatosensory Cortex of Rats Enucleated at Birth. PLoS ONE, 2013, 8, e54940.	1.1	12
606	Systematic Review and Meta-Analysis of Human Studies to Support a Quantitative Recommendation for Whole Grain Intake in Relation to Type 2 Diabetes. PLoS ONE, 2015, 10, e0131377.	1.1	72
607	Effects of Ready-to-Eat-Cereals on Key Nutritional and Health Outcomes: A Systematic Review. PLoS ONE, 2016, 11, e0164931.	1.1	43
608	Biodisponibilidad de compuestos fenÃ³licos dietÃ©ticos: RevisiÃ³n. Revista Espanola De Nutricion Humana Y Dietetica, 2016, 20, 140.	0.1	12
610	A COMPARISON OF GRAIN QUALITY IN SPRING AND WINTER WHEATS ASSOCIATED WITH MARKET CLASSES (review). Sel'skokhozyaistvennaya Biologiya, 2013, , 15-25.	0.1	3
611	Grain-Based Products, Food Structure and Health Potential: Holism Vs Reductionism. Journal of Nutritional Health & Food Engineering, 2014, 1, .	0.5	4
612	Colored grain of wheat and barley â€” a new breeding strategy of crops with grain of high nutritional value. Fiziologia Rastenij I Genetika, 2020, 52, 95-127.	0.1	4
613	Nutritional Composition of Selected Commercial Biscuits in Malaysia. Sains Malaysiana, 2015, 44, 581-591.	0.3	12
614	Ancient Wheat Diet Delays Diabetes Development in a Type 2 Diabetes Animal Model. Review of Diabetic Studies, 2014, 11, 245-257.	0.5	24
615	Immobilization of Oat Bran Polyphenols in Complex Coacervates of Whey Protein and Malthodextrin. Food Processing: Techniques and Technology, 2020, 50, 460-469.	0.3	2
616	Beneficial role of quinoa and Nigella sativa seeds as antihyperuricemia in rats. Bulletin of the National Nutrition Institute of the Arab Republic of Egypt, 2019, 53, 62-84.	0.0	1
617	Biological role and health benefits of antioxidant compounds in cereals. Biological Communications, 2020, 65, .	0.4	21

#	ARTICLE	IF	CITATIONS
618	Polyphenols-Rich Natural Products for Treatment of Diabetes. <i>Current Medicinal Chemistry</i> , 2014, 22, 14-22.	1.2	79
619	¿El Plato del Bien Comer, ¿evidencia científica o conocimiento transpuesto?. <i>Educacion Quimica</i> , 2015, , 45-71.	0.0	2
620	Propiedades y posibles aplicaciones de las proteínas de salvado de trigo. <i>CienciaUAT</i> , 2018, 12, 137.	0.3	7
621	Metabolic syndrome and the components of the Mediterranean diet. <i>Functional Foods in Health and Disease</i> , 2011, 1, 25.	0.3	2
622	THE EFFECT OF DIETARY WHEAT BRAN ON SUCROSE-INDUCED CHANGES OF SERUM GLUCOSE AND LIPIDS IN RATS. <i>Nutricion Hospitalaria</i> , 2015, 32, 1636-44.	0.2	5
623	Functional Foods: Can Food Technology Help in the Prevention and Treatment of Diabetes?. <i>Food and Nutrition Sciences (Print)</i> , 2013, 04, 827-837.	0.2	2
624	Phytochemical Components of Some Minor Cereals Associated with Diabetes Prevention and Management. <i>Journal of Biosciences and Medicines</i> , 2018, 06, 9-22.	0.1	7
625	Effects of a shift from a mixed diet to a lacto-vegetarian diet on some coronary heart disease risk markers. <i>Open Journal of Preventive Medicine</i> , 2012, 02, 16-22.	0.2	1
626	Weight loss induced by whole grain-rich diet is through a gut microbiota-independent mechanism. <i>World Journal of Diabetes</i> , 2020, 11, 26-32.	1.3	16
628	Methylation Status of Transcriptional Modulatory Genes Associated with Colorectal Cancer in Northeast China. <i>Gut and Liver</i> , 2018, 12, 173-182.	1.4	11
629	Changes of the dough rheological properties influenced by addition of potato fibre. <i>Potravinarstvo</i> , 2014, 8, 161-166.	0.5	5
630	Anticoagulant and Fibrinolytic Activities of Hwanggeumchal Sorghum In Vitro. <i>Journal of Life Science</i> , 2013, 23, 1460-1470.	0.2	7
631	Anti-inflammatory Effect of Flavonoids Kaempferol and Biochanin A-enriched Extract of Barnyard Millet (<i>Echinochloa crus-galli</i> var. <i>frumentacea</i>) Grains in LPS-stimulated RAW264.7 Cells. <i>Journal of Life Science</i> , 2014, 24, 1157-1167.	0.2	7
632	The Effects of Sugar Addition and Degree of Roast on the Bioactive Compounds and Antioxidant Activity of Turkish-Style Coffee Brews. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2018, 52, 456-466.	0.3	5
633	Vegetable milks and their fermented derivative products. <i>International Journal of Food Studies</i> , 2014, 3, .	0.5	55
634	Quantity and variety of food groups consumption and the risk of diabetes in adults: A prospective cohort study. <i>Clinical Nutrition</i> , 2021, 40, 5710-5717.	2.3	20
635	Dietary Zn deficiency, the current situation, and potential solutions. <i>Nutrition Research Reviews</i> , 0, , 1-44.	2.1	3
636	Prospective Study of Different Staple Diets of Diabetic Indian Population. <i>Annals of Neurosciences</i> , 2021, 28, 097275312110139.	0.9	0

#	ARTICLE	IF	CITATIONS
637	Chapter 2 Dietary carbohydrates and type 2 diabetes. , 2013, , 11-64.		1
638	Whole Grains from a Mechanistic View. CFW Plexus, 0, , .	0.0	2
639	Effect of Oat-Based Ready-to-Eat 70 g Break-Fast on Appetite Control, Satiety and Perspective Food Intake Versus 55 and 35 g: A Randomized, Crossover Study. Pakistan Journal of Nutrition, 2015, 14, 680-685.	0.2	0
640	Eggs Effects on HDL-C Metabolism, Inammation, and Insulin Resistance. , 2015, , 332-345.		0
641	Anti-diabetic Effects of Barnyard Millet Miryang 3 [Echinochloa esculenta (A. Braun)] Grains on Blood Glucose in C57BL/KsJ-db/db Mice. Journal of Life Science, 2015, 25, 1265-1272.	0.2	0
642	The Effect of Cell Wall Content of Wheat and Rice Brans on Biological Relative Bioavailability Value of Minerals Binding from the Broilers Diet. Journal of Nutrition & Food Sciences, 2016, 06, .	1.0	0
643	PROSPECÃO TECNOLÓGICA SOBRE O USO DO FARELO DE TRIGO NA ALIMENTAÇÃO HUMANA. Revista GEINTEC, 2016, 6, 2861-2873.	0.2	1
644	Chapter 2 Advanced Techniques in Extraction of Phenolics from Cereals, Pulses, Fruits, and Vegetables. , 2016, , 27-76.		1
645	Chapter 2 Advanced Techniques in Extraction of Phenolics from Cereals, Pulses, Fruits, and Vegetables. , 2016, , 27-76.		0
646	Proteins, Amino Acid Profile, Phytochemicals and Antioxidative Activities of Plant-based Food Materials Blends. American Journal of Food Technology, 2017, 12, 285-294.	0.2	1
647	Commonly used storage and primary processing techniques for the selected food grains in scarce rainfall zone of Andhra Pradesh. Food Science Research Journal, 2017, 8, 391-394.	0.0	0
648	Cereals. Practical Issues in Geriatrics, 2018, , 139-172.	0.3	3
649	Rye and oat flour enriched baked wheat chips: bioactive and textural properties. Quality Assurance and Safety of Crops and Foods, 2018, 10, 35-40.	1.8	1
650	Pflanzliche Lebensmittel. , 2019, , 67-94.		0
651	Consumption of Traditional Saudi Foods and Their Estimated Glycaemic Index and Glycaemic Load. Pakistan Journal of Nutrition, 2018, 17, 518-523.	0.2	2
652	Możliwość wykorzystania produktów ubocznych przemysłu zbożowo-młynarskiego. Przemysł Spożywczy, 2018, 1, 38-41.	0.1	0
653	Digestible and Non-digestible Polysaccharide Roles in Reformulating Foods for Health. , 2019, , 65-88.		0
654	APPLICATION OF CO-BIOPROCESSING TECHNIQUES (ENZYMATIC HYDROLYSIS AND FERMANTATION) FOR IMPROVING THE NUTRITIONAL VALUE OF WHEAT BRAN AS FOOD FUNCTIONAL INGREDIENTS. EUREKA Life Sciences, 2019, 5, 31-45.	0.1	4

#	ARTICLE	IF	CITATIONS
655	Nutritional value of germinated quinoa seeds and their protective effects on rats' health injected by nicotine. <i>Egyptian Journal of Food Science</i> , 2019, .	0.0	4
656	Effect of Germination Processing on Bioactive Compounds of Cereals and Legumes. , 2020, , 283-306.		0
657	Dietary Fiber in Cereals, Legumes, Pseudocereals and Other Seeds. <i>Food Engineering Series</i> , 2020, , 87-122.	0.3	5
658	Investigation of the changes in bran mineral content according to the years and growth conditions in bread wheat genotypes. <i>International Journal of Agriculture Environment and Food Sciences</i> , 0, , 287-295.	0.2	0
659	Configured for the Human Gut Microbiota: Molecular Mechanisms of Dietary Î²-Glucan Utilization. <i>ACS Chemical Biology</i> , 2021, 16, 2087-2102.	1.6	22
660	Effect of extrusion conditions and honey on functionality and bioactive composition of whole wheat flour-based expanded snacks. <i>Journal of Food Processing and Preservation</i> , 2022, 46, e16132.	0.9	11
661	Changing Nutrition Scenario: Colored Wheat“ A New Perspective. , 2021, , 71-88.		2
662	Changes in the microstructure, polypeptide composition and antioxidant activity of wheat grains after fermentation. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 613, 012086.	0.2	0
663	Fruit and vegetable by-products' flours as ingredients: A review on production process, health benefits and technological functionalities. <i>LWT - Food Science and Technology</i> , 2022, 154, 112707.	2.5	38
664	The Ingredients of the Covering Layers. , 2020, , 227-230.		0
665	Dietary Fiber. , 2020, , 977-980.e2.		0
666	Sprouting bioprocess as a sustainable tool for enhancing durum wheat (<i>Triticum durum</i>) nutrients and bioactive compounds. <i>Najfnr</i> , 2020, 4, 252-259.	0.1	0
667	Postprandial blood glucose and insulin responses to breads formulated with different wheat evolutionary populations (<i>Triticum aestivum</i> L.): A randomized controlled trial on healthy subjects. <i>Nutrition</i> , 2022, 94, 111533.	1.1	6
668	Comparative Study of Nutritional Value of Wheat, Maize, Sorghum, Millet, and Fonio: Some Cereals Commonly Consumed in CÔte d'Ivoire. <i>European Scientific Journal</i> , 2020, 16, .	0.0	4
670	Cereals and children's health. <i>Rossiyskiy Vestnik Perinatologii I Pediatrii</i> , 2020, 65, 162-169.	0.1	0
671	Role of cereal bioactive compounds in the prevention of age-related diseases. , 2022, , 247-286.		1
672	Dietary Enteromorpha Polysaccharide Enhances Intestinal Immune Response, Integrity, and Caecal Microbial Activity of Broiler Chickens. <i>Frontiers in Nutrition</i> , 2021, 8, 783819.	1.6	23
673	The association between carbohydrate quality index and anthropometry, blood glucose, lipid profile and blood pressure in people with type 1 diabetes mellitus: a cross-sectional study in Iran. <i>Journal of Diabetes and Metabolic Disorders</i> , 2021, 20, 1349-1358.	0.8	6

#	ARTICLE	IF	CITATIONS
674	The Beneficial Effect of Coarse Cereals on Chronic Diseases through Regulating Gut Microbiota. <i>Foods</i> , 2021, 10, 2891.	1.9	13
677	Application of wheat bran based biomaterials and nano-catalyst in textile wastewater. <i>Journal of King Saud University - Science</i> , 2022, 34, 101775.	1.6	9
678	Changes in Phytochemical Compounds and Antioxidant Activity of Two Irradiated Sorghum (Sorghum) Tj ETQq0 0 0 rgBT /Overlock 10 T Fermentation, 2022, 8, 60.	1.4	4
679	¹ H NMR-Based Chemometrics to Gain Insights Into the Bran of Radiation-Induced Colored Wheat Mutant. <i>Frontiers in Nutrition</i> , 2021, 8, 806744.	1.6	4
680	Yoghurt as a starter in sourdough fermentation to improve the technological and functional properties of sourdough-wheat bread. <i>Journal of Functional Foods</i> , 2022, 88, 104877.	1.6	15
681	Chronic diseases are first associated with the degradation and artificialization of food matrices rather than with food composition: calorie quality matters more than calorie quantity. <i>European Journal of Nutrition</i> , 2022, 61, 2239-2253.	1.8	25
682	Rye Flour and Rye Bran: New Perspectives for Use. <i>Processes</i> , 2022, 10, 293.	1.3	12
683	Antioxidant Potential of Cookies Formulated with Date Seed Powder. <i>Foods</i> , 2022, 11, 448.	1.9	29
684	Comparative sequencing and SNP marker validation for oat stem rust resistance gene <i>Pg6</i> in a diverse collection of <i>Avena</i> accessions. <i>Theoretical and Applied Genetics</i> , 2022, 135, 1307-1318.	1.8	2
685	Resistant starch type 2 and whole grain maize flours enrich different intestinal bacteria and metatranscriptomes. <i>Journal of Functional Foods</i> , 2022, 90, 104982.	1.6	4
686	Bidirectional regulation of bile acid on colorectal cancer through bile acid-gut microbiota interaction. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 10994-11003.	0.0	1
687	Isolation and Study of the Nutritional Variability of Peripheral Layers of Barley Grains During Development. <i>Advanced Research in Life Sciences</i> , 2022, 6, 1-11.	0.4	0
688	Ferulic and coumaric acids in the cereal grain: Occurrence, biosynthesis, biological and technological functions. <i>Advances in Botanical Research</i> , 2022, , 169-213.	0.5	1
689	Hepatic PRMT1 ameliorates diet-induced hepatic steatosis via induction of PGC1 α . <i>Theranostics</i> , 2022, 12, 2502-2518.	4.6	11
690	Nutritional Quality of Wholegrain Cereal-Based Products Sold on the Italian Market: Data from the FLIP Study. <i>Nutrients</i> , 2022, 14, 798.	1.7	3
691	Varying Dietary Component Ratios and Lingonberry Supplementation May Affect the Hippocampal Structure of ApoE ϵ^4/ϵ^4 Mice. <i>Frontiers in Nutrition</i> , 2022, 9, 565051.	1.6	2
692	Current and emerging trends in cereal snack bars: implications for new product development. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 610-629.	1.3	6
693	A wheat aleurone-rich diet improves oxidative stress but does not influence glucose metabolism in overweight/obese individuals: Results from a randomized controlled trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 715-726.	1.1	4

#	ARTICLE	IF	CITATIONS
694	Microbial Metabolite Regulation of Epithelial Cell-Cell Interactions and Barrier Function. <i>Cells</i> , 2022, 11, 944.	1.8	15
695	General Health Benefits and Pharmacological Activities of <i>Triticum aestivum</i> L. <i>Molecules</i> , 2022, 27, 1948.	1.7	155
696	Consumption of whole grains and risk of type 2 diabetes: A comprehensive systematic review and doseâ€‘response metaâ€‘analysis of prospective cohort studies. <i>Food Science and Nutrition</i> , 2022, 10, 1950-1960.	1.5	10
697	Î±-Amylase interaction with soluble fibre: Insights from diffusion experiment using fluorescence recovery after photobleaching (FRAP) and permeation experiment using ultrafiltration membrane. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2022, 28, 100319.	1.5	1
698	Association between Grain and Legume Consumption and the Risk of Coronary Artery Obstruction among Jordanians Based on Angiography Results. <i>Preventive Nutrition and Food Science</i> , 2021, 26, 400-407.	0.7	2
699	Biological functions of lignans in plants. <i>Agriculture</i> , 2021, 67, 155-165.	0.2	1
700	Iron Bioavailability from Infant Cereals Containing Whole Grains and Pulses: A Stable Isotope Study in Malawian Children. <i>Journal of Nutrition</i> , 2022, 152, 826-834.	1.3	3
701	Fiber Preparation from Micronized Oat By-Products: Antioxidant Properties and Interactions between Bioactive Compounds. <i>Molecules</i> , 2022, 27, 2621.	1.7	7
702	Colored grain of wheat and barley â€‘ a new breeding strategy of crops with grain of high nutritional value. <i>Fiziologia Rastenij i Genetika</i> , 2020, 52, 95-127.	0.1	0
705	DHPPA, a major plasma alkylresorcinol metabolite reflecting whole-grain wheat and rye intake, and risk of metabolic syndrome: a caseâ€‘control study. <i>European Journal of Nutrition</i> , 2022, , 1.	1.8	1
707	Reply to S-S Zhou and Y Zhou. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 947-948.	2.2	0
708	Grain phenolics: critical role in quality, storage stability and effects of processing in major grain cropsâ€‘ a concise review. <i>European Food Research and Technology</i> , 2022, 248, 2197-2213.	1.6	6
709	Less Sugar and More Whole Grains in Infant Cereals: A Sensory Acceptability Experiment With Infants and Their Parents. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	0
710	Potential nutritional and functional improvement of extruded breakfast cereals based on incorporation of fruit and vegetable by-products - A review. <i>Trends in Food Science and Technology</i> , 2022, 125, 136-153.	7.8	10
711	The Impact of Cereal Grain Composition on the Health and Disease Outcomes. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	26
713	Changes in Phenolic Acids and Antioxidant Properties during Baking of Bread and Muffin Made from Blends of Hairless Canary Seed, Wheat, and Corn. <i>Antioxidants</i> , 2022, 11, 1059.	2.2	3
714	Relationship between the consumption of wholegrain and nonalcoholic fatty liver disease: The TCLSIH cohort study. <i>Clinical Nutrition</i> , 2022, 41, 1483-1490.	2.3	4
715	Effect of extrusion processing on technoâ€‘functional, textural and bioactive properties of wholeâ€‘grain corn flourâ€‘based breakfast cereals sweetened with honey. <i>Journal of Texture Studies</i> , 2022, 53, 672-683.	1.1	5

#	ARTICLE	IF	CITATIONS
716	An Insight into the Functional Benefit of Phenolic Acids from Whole Grains: An Update. <i>Current Nutrition and Food Science</i> , 2023, 19, 906-921.	0.3	1
717	Valorization of Wheat Bran by Three Fungi Solid-State Fermentation: Physicochemical Properties, Antioxidant Activity and Flavor Characteristics. <i>Foods</i> , 2022, 11, 1722.	1.9	4
718	Microbiological and Rheological Properties of Nut-Based Beverages Fermented with Kefir. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
719	Evaluation of the antioxidant status and design of the diet for sports nutrition. <i>BIO Web of Conferences</i> , 2022, 48, 01022.	0.1	0
720	The Effect of Rye-Based Foods on Postprandial Plasma Insulin Concentration: The Rye Factor. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
721	Mycotoxins of Concern in Children and Infant Cereal Food at European Level: Incidence and Bioaccessibility. <i>Toxins</i> , 2022, 14, 488.	1.5	8
722	Interaction mechanism between cereal phenolic acids and gluten protein: protein structural changes and binding mode. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 7387-7396.	1.7	4
723	Effects of Oats, Tartary Buckwheat, and Foxtail Millet Supplementation on Lipid Metabolism, Oxido-Inflammatory Responses, Gut Microbiota, and Colonic SCFA Composition in High-Fat Diet Fed Rats. <i>Nutrients</i> , 2022, 14, 2760.	1.7	19
724	Biochemical and nutritional properties of wheat bulgur: A review. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	0.9	2
727	Wheat alkylresorcinol increases fecal lipid excretion and suppresses feed efficiency in mice depending on time of supplementation. <i>Nutrition</i> , 2022, 103-104, 111796.	1.1	3
728	Alleviation of zinc deficiency in plants and humans through an effective technique; biofortification: A detailed review. <i>Acta Ecologica Sinica</i> , 2023, 43, 419-425.	0.9	13
729	Dietary Component-Induced Inflammation and Its Amelioration by Prebiotics, Probiotics, and Synbiotics. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	15
730	The effects of nutrition bio-shield superfood powder on immune system function: A clinical trial study among patients with COVID-19. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
731	Integrated transcriptional and metabolomics signature pattern of pigmented wheat to insight the seed pigmentation and other associated features. <i>Plant Physiology and Biochemistry</i> , 2022, 189, 59-70.	2.8	5
732	The effect of malting on phenolic compounds and radical scavenging activity in grains and breakfast cereals. <i>Journal of Food Science</i> , 0, , .	1.5	2
733	Chemoprevention effect of the Mediterranean diet on colorectal cancer: Current studies and future prospects. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	16
734	Economic Effects of Food Industry Waste Management in the Context of Sustainable Development. <i>Lecture Notes in Civil Engineering</i> , 2023, , 97-106.	0.3	0
735	Zawartość alkilorezorcynoli w ziarnie odmian pszenicy jarego w zależności od systemu uprawy gleby i poziomu nawożenia azotem. <i>Agronomy Science</i> , 2022, 77, 27-35.	0.1	0

#	ARTICLE	IF	CITATIONS
736	Diet and Esophageal Cancer Risk: An Umbrella Review of Systematic Reviews and Meta-Analyses of Observational Studies. <i>Advances in Nutrition</i> , 0, , .	2.9	11
737	Effect of Genotype and Environment on Food-Related Traits of Organic Winter Naked Barleys. <i>Foods</i> , 2022, 11, 2642.	1.9	1
738	The barriers to whole-grain consumption among Iranian students. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
739	Biofortification for Crop Quality Enhancement. , 2022, , 55-71.		0
742	Enzymatic treatments of raw, germinated and fermented spelt (<i>Triticum spelta</i> L.) seeds improve the accessibility and antioxidant activity of their phenolics. <i>LWT - Food Science and Technology</i> , 2022, 169, 114046.	2.5	9
743	Perfis e tendÃªncias dietÃ©ticas ocidentais. , 2021, , 303-324.		0
744	Nutritional prospects of wheatgrass (<i>Triticum aestivum</i>) and its effects in treatment and chemoprevention. <i>Exploration of Medicine</i> , 0, , 432-442.	1.5	1
745	Microbiome-metabolome analysis reveals alterations in the composition and metabolism of caecal microbiota and metabolites with dietary Enteromorpha polysaccharide and Yeast glycoprotein in chickens. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
746	The Wheat Aleurone Layer: Optimisation of Its Benefits and Application to Bakery Products. <i>Foods</i> , 2022, 11, 3552.	1.9	4
747	â€œPotatoâ€”Powerhouse for Many Nutrients. <i>Potato Research</i> , 0, , .	1.2	0
748	A Retrospective on the Innovative Sustainable Valorization of Cereal Bran in the Context of Circular Bioeconomy Innovations. <i>Sustainability</i> , 2022, 14, 14597.	1.6	8
749	Ancient Wheat Varieties and Sourdough Fermentation as a Tool to Increase Bioaccessibility of Phenolics and Antioxidant Capacity of Bread. <i>Foods</i> , 2022, 11, 3985.	1.9	6
750	The ability of yoghurt supplemented with dietary fibers or brans extracted from wheat or rice to reduce serum lipids and enhance liver function in male hypercholesterolemic rats. <i>Journal of Food Biochemistry</i> , 2022, 46, .	1.2	3
751	Magnesium-Rich Indonesian Brown Rice â€”Sintanurâ€™ Improves Insulin Sensitivity in High Fat High Fructose Diet-Induced Obesity Sprague Dawley Rats. <i>WSEAS Transactions on Systems</i> , 2022, 21, 257-267.	0.2	1
752	Effects of Quinoa Intake on Markers of Cardiovascular Risk: A Systematic Literature Review and Meta-Analysis. <i>Food Reviews International</i> , 2024, 40, 1-19.	4.3	0
753	Application of Phytochemicals in Therapeutic, Food, Flavor, and Cosmetic Industries. , 2022, , 85-108.		0
754	Interplay between Lignans and Gut Microbiota: Nutritional, Functional and Methodological Aspects. <i>Molecules</i> , 2023, 28, 343.	1.7	5
755	Production and evaluation of microbiological & rheological characteristics of kefir beverages made from nuts. <i>Food Bioscience</i> , 2023, 52, 102367.	2.0	3

#	ARTICLE	IF	CITATIONS
756	Asian fermented legumes, pulses, and oil seed-based products. , 2023, , 85-95.		0
757	Anthocyanins: Potential Therapeutic Approaches towards Obesity and Diabetes Mellitus Type 2. <i>Molecules</i> , 2023, 28, 1237.	1.7	7
758	The comparison of polymorphism among <i>Avena</i> species revealed by retrotransposon-based DNA markers and soluble carbohydrates in seeds. <i>Journal of Applied Genetics</i> , 0, , .	1.0	0
759	Processing colored grains to optimize product quality. , 2023, , 267-286.		0
760	Anthocyanins and its health benefits. , 2023, , 161-184.		2
761	Diversity of fibers in common foods: Key to advancing dietary research. <i>Food Hydrocolloids</i> , 2023, 139, 108495.	5.6	15
762	Partial substitution of red or processed meat with plant-based foods and the risk of type 2 diabetes. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
763	Wheat bran layers: composition, structure, fractionation, and potential uses in foods. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-24.	5.4	4
764	Biofortification of Wheat Using Current Resources and Future Challenges. , 2023, , 173-208.		0
765	Development of Bangle Rhizome and Purple Sweet Potato Flour Biscuit and Its in vivo Antioxidant Activity in High-Fat Diet-Induced Rats. <i>Journal of Tropical Life Science</i> , 2023, 13, 45-50.	0.1	0
766	Pigmented Millets: Nutritional Quality and Potential Benefits for Human Health. , 2023, , 181-206.		0
767	A comparison of the effects of resistant starch types on glycemic response in individuals with type 2 diabetes or prediabetes: A systematic review and meta-analysis. <i>Frontiers in Nutrition</i> , 0, 10, .	1.6	3
768	Screening and Application of Novel Homofermentative Lactic Acid Bacteria Results in Low-FODMAP Whole-Wheat Bread. <i>Fermentation</i> , 2023, 9, 336.	1.4	0
769	Feeding broilers with wheat germ, hops and grape seed extract mixture improves growth performance. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	2
770	Evaluation of antioxidant and antimicrobial activities of whole flours obtained from different species of <i>Triticum</i> genus. <i>European Food Research and Technology</i> , 0, , .	1.6	1
771	Bioprocessed Wholegrain Spelt Flour Improves the Quality and Physicochemical Characteristics of Wheat Bread. <i>Molecules</i> , 2023, 28, 3428.	1.7	1
772	Using Inflammatory Biological Age To Evaluate the Preventing Aging Effect of a Polyphenol-Probiotic-Enhanced Dietary Pattern in Adults Aged 50 Years and Older. <i>Journal of Agricultural and Food Chemistry</i> , 0, , .	2.4	2
774	Technological and nutritional characteristics of bran-supplemented spaghetti and reduction of phytic acid content. <i>European Food Research and Technology</i> , 0, , .	1.6	0

#	ARTICLE	IF	CITATIONS
775	Adaptation to abiotic stress factors and their effects on cereal and pseudocereal grain quality. , 2023, , 339-358.		2
785	Nut Milks and Nut Kefirs as Functional Foods. Reference Series in Phytochemistry, 2023, , 1-31.	0.2	0
786	ErnÄhrung: Wie Sie durch ErnÄhrung Krankheiten vorbeugen und Ihre LeistungsfÄhigkeit stÄrken. , 2023, , 135-190.		0
803	Cereal Based Fermented Products. , 2023, , 253-266.		0
816	Biofortification of crops to achieve food and nutritional security. , 2024, , 1-17.		0