

Health Benefits of Traditional Corn, Beans, and Pumpkin Hyperglycemia and Hypertension Management

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of thermal processing on phenolics, antioxidant activity and health-relevant functionality of select grain sprouts and seedlings. <i>Innovative Food Science and Emerging Technologies</i> , 2008, 9, 355-364.	2.7	181
2	EFFECT OF THERMAL PROCESSING ON THE PHENOLIC ASSOCIATED HEALTH-RELEVANT FUNCTIONALITY OF SELECTED LEGUME SPROUTS AND SEEDLINGS. <i>Journal of Food Biochemistry</i> , 2009, 33, 89-112.	1.2	18
3	Antioxidant and lipoxygenase inhibitory activities of pumpkin seed extracts. <i>Food Research International</i> , 2009, 42, 641-646.	2.9	127
4	Evaluation of Antihyperglycemia and Antihypertension Potential of Native Peruvian Fruits Using <i>In Vitro</i> Models. <i>Journal of Medicinal Food</i> , 2009, 12, 278-291.	0.8	70
5	Antioxidant activity and α -glucosidase inhibitory potential of onion (<i>Allium cepa</i> L.) extracts. <i>Food Science and Biotechnology</i> , 2010, 19, 159-164.	1.2	44
6	Antibacterial activity of carvacrol and 2-nitro-1-propanol against single and mixed populations of foodborne pathogenic bacteria in corn flour dough. <i>Food Microbiology</i> , 2010, 27, 274-279.	2.1	9
7	EFFECT OF THERMAL TREATMENT ON PHENOLIC COMPOUNDS AND FUNCTIONALITY LINKED TO TYPE 2 DIABETES AND HYPERTENSION MANAGEMENT OF PERUVIAN AND BRAZILIAN BEAN CULTIVARS (<i>PHASEOLUS VULGARIS</i> L.) USING <i>IN VITRO</i> METHODS. <i>Journal of Food Biochemistry</i> , 2010, 34, 329-355.	1.2	31
8	Obesity and type 2 diabetes in Northern Canada's remote First Nations communities: the dietary dilemma. <i>International Journal of Obesity</i> , 2010, 34, S24-S31.	1.6	41
9	<i>In Vitro</i> Potential of <i>Ascophyllum nodosum</i> Phenolic Antioxidant-Mediated α -Glucosidase and α -Amylase Inhibition. <i>Journal of Food Science</i> , 2010, 75, H97-102.	1.5	194
10	Impact of Dietary Polyphenols on Carbohydrate Metabolism. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1365-1402.	1.8	873
11	Medicinal and biological potential of pumpkin: an updated review. <i>Nutrition Research Reviews</i> , 2010, 23, 184-190.	2.1	214
12	Beans and Diabetes: <i>Phaseolus vulgaris</i> Preparations as Antihyperglycemic Agents. <i>Journal of Medicinal Food</i> , 2010, 13, 251-254.	0.8	46
13	Varietal Influences on Antihyperglycemia Properties of Freshly Harvested Apples Using <i>In Vitro</i> Assay Models. <i>Journal of Medicinal Food</i> , 2010, 13, 1313-1323.	0.8	27
14	Flavonoid content in ethanolic extracts of selected raw and traditionally processed indigenous foods consumed by vulnerable groups of Kenya: antioxidant and type II diabetes-related functional properties. <i>International Journal of Food Sciences and Nutrition</i> , 2011, 62, 465-473.	1.3	11
15	Shaddock peels (<i>Citrus maxima</i>) phenolic extracts inhibit α -amylase, α -glucosidase and angiotensin I-converting enzyme activities: A nutraceutical approach to diabetes management. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2011, 5, 148-152.	1.8	69
17	<i>In Vitro</i> and <i>In Vivo</i> Anti-Hyperglycemic Effects of Omija (<i>Schizandra chinensis</i>) Fruit. <i>International Journal of Molecular Sciences</i> , 2011, 12, 1359-1370.	1.8	48
18	Effect of Combination on the Antioxidant and Inhibitory Properties of Tropical Pepper Varieties Against α -Amylase and α -Glucosidase Activities <i>In Vitro</i> . <i>Journal of Medicinal Food</i> , 2011, 14, 1152-1158.	0.8	45
19	Inhibition of angiotensin converting enzyme (ACE) activity by polyphenols from tea (<i>Camellia sinensis</i>) and links to processing method. <i>Food and Function</i> , 2011, 2, 310.	2.1	45

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20	Maize (<i>Zea mays</i> L.). , 2011, , 173-200.		0
21	PHENOLIC EXTRACTS FROM GRAPEFRUIT PEELS (<i>CITRUS PARADISI</i>) INHIBIT KEY ENZYMES LINKED WITH TYPE 2 DIABETES AND HYPERTENSION. <i>Journal of Food Biochemistry</i> , 2011, 35, 1703-1709.	1.2	31
22	<i>In Vitro</i> and <i>In Vivo</i> Antihyperglycemic Effect of 2 Amadori Rearrangement Compounds, Arginyl- α -Fructose and Arginyl- α -Fructosyl- α -Glucose. <i>Journal of Food Science</i> , 2011, 76, H188-93.	1.5	37
23	Seasonal Variation of Phenolic Antioxidant-mediated α -glucosidase Inhibition of <i>Ascophyllum nodosum</i> . <i>Plant Foods for Human Nutrition</i> , 2011, 66, 313-319.	1.4	58
24	In vitro evaluation of phenolic-enriched maple syrup extracts for inhibition of carbohydrate hydrolyzing enzymes relevant to type 2 diabetes management. <i>Journal of Functional Foods</i> , 2011, 3, 100-106.	1.6	79
25	Antioxidant and Type 2 Diabetes Related Functional Properties of Phytic Acid Extract from Kenyan Local Food Ingredients: Effects of Traditional Processing Methods. <i>Ecology of Food and Nutrition</i> , 2011, 50, 452-471.	0.8	29
26	Effects of Processing on Antioxidant Phenolics of Cereal and Legume Grains. <i>ACS Symposium Series</i> , 2011, , 31-54.	0.5	10
27	Effects of Onion (<i>Allium cepa</i> L.) Extract Administration on Intestinal α -Glucosidases Activities and Spikes in Postprandial Blood Glucose Levels in SD Rats Model. <i>International Journal of Molecular Sciences</i> , 2011, 12, 3757-3769.	1.8	100
28	Phenolic-rich extracts from selected tropical underutilized legumes inhibit α -amylase, α -glucosidase, and angiotensin I converting enzyme in vitro. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2012, 23, 17-25.	0.7	32
29	Inhibition of key enzymes linked to type 2 diabetes and sodium nitroprusside-induced lipid peroxidation in rat pancreas by water extractable phytochemicals from some tropical spices. <i>Pharmaceutical Biology</i> , 2012, 50, 857-865.	1.3	79
30	Impact of bioprocessing on phenolic content and antioxidant activity of two edible seeds to improve hypoglycemic functionality. <i>Journal of Natural Pharmaceuticals</i> , 2012, 3, 31.	0.8	4
31	Inhibition of α -amylase and α -glucosidase activities by ethanolic extract of <i>Telfairia occidentalis</i> (fluted) Tj ETQq1 1,0,784314 rgBT /Ove 0,5		
32	Total phenolic content, antioxidant and antidiabetic properties of methanolic extract of raw and traditionally processed Kenyan indigenous food ingredients. <i>LWT - Food Science and Technology</i> , 2012, 45, 269-276.	2.5	94
33	Enzyme inhibitory and antioxidant activities of traditional medicinal plants: Potential application in the management of hyperglycemia. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 77.	3.7	98
34	In vitro inhibition activity of polyphenol-rich extracts from <i>Syzygium aromaticum</i> (L.) Merr. & Perry (Clove) buds against carbohydrate hydrolyzing enzymes linked to type 2 diabetes and Fe ²⁺ -induced lipid peroxidation in rat pancreas. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 774-781.	0.5	70
35	Inhibitory effect of polyphenol-rich extracts of jute leaf (<i>Corchorus olitorius</i>) on key enzyme linked to type 2 diabetes (α -amylase and α -glucosidase) and hypertension (angiotensin I converting) in vitro. <i>Journal of Functional Foods</i> , 2012, 4, 450-458.	1.6	192
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40	Type 2 Diabetes Relevant Bioactive Potential of Freshly Harvested and Long-Term Stored Pears Using <i>in vitro</i> Assay Models. <i>Journal of Food Biochemistry</i> , 2013, 37, 677-686.	1.2	14
41	Tocopherol from seeds of <i>Cucurbita pepo</i> against diabetes: Validation by <i>in vivo</i> experiments supported by computational docking. <i>Journal of the Formosan Medical Association</i> , 2013, 112, 676-690.	0.8	52
42	Antioxidant activity and inhibition of key enzymes linked to type-2 diabetes and hypertension by <i>Azadirachta indica</i> -yogurt. <i>Journal of Saudi Chemical Society</i> , 2013, 17, 295-301.	2.4	91
43	Immunostimulatory effect of artificial feed supplemented with indigenous plants on <i>Clarias gariepinus</i> against <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2013, 35, 1924-1931.	1.6	24
44	Aqueous Extracts of Two Varieties of Ginger (<i>Zingiber officinale</i>) Inhibit Angiotensin Converting Enzyme, Iron(II), and Sodium Nitroprusside-Induced Lipid Peroxidation in the Rat Heart <i>In Vitro</i> . <i>Journal of Medicinal Food</i> , 2013, 16, 641-646.	0.8	42
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46	Soybean phenolic-rich extracts inhibit key-enzymes linked to type 2 diabetes (α -amylase and α -glucosidase) and hypertension (angiotensin I converting enzyme) <i>in vitro</i> . <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 305-309.	2.1	271
47	Antioxidant properties of legumes and their morphological fractions as affected by cooking. <i>Food Science and Biotechnology</i> , 2013, 22, 187-194.	1.2	17
48	Bioactive Natural Constituents from Food Sources – Potential Use in Hypertension Prevention and Treatment. <i>Critical Reviews in Food Science and Nutrition</i> , 2013, 53, 615-630.	5.4	127
49	Antioxidant properties of sand roasted and steam cooked Bengal gram (<i>Cicer arietinum</i>). <i>Food Science and Biotechnology</i> , 2013, 22, 183-188.	1.2	11
50	Antioxidative Properties and Inhibition of Key Enzymes Relevant to Type-2 Diabetes and Hypertension by Essential Oils from Black Pepper. <i>Advances in Pharmacological Sciences</i> , 2013, 2013, 1-6.	3.7	38
51	Sensory Qualities, Antioxidant Activities, and <i>in vitro</i> Inhibition of Enzymes Relevant to Type-2 Diabetes by Biscuits Produced from 5 Wheat-Bambara Groundnut Flour Blends. <i>International Journal of Food Engineering</i> , 2013, 9, 17-28.	0.7	15
52	Aqueous Extracts of Roselle (<i>Hibiscus sabdariffa</i> Linn.) Varieties Inhibit α -Amylase and α -Glucosidase Activities <i>In Vitro</i> . <i>Journal of Medicinal Food</i> , 2013, 16, 88-93.	0.8	59
53	Effects of <i>Syzygium aromaticum</i> -Derived Triterpenes on Postprandial Blood Glucose in Streptozotocin-Induced Diabetic Rats Following Carbohydrate Challenge. <i>PLoS ONE</i> , 2013, 8, e81632.	1.1	60
54	Inhibitory effects of methanolic extracts of two eggplant species from South-western Nigeria on starch hydrolysing enzymes linked to type-2 diabetes. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 1575-1584.	0.2	21
55	Inhibitory potential of <i>Gossypium arboreum</i> leaf extracts on diabetes key enzymes, α -amylase and α -glucosidase. <i>Bangladesh Journal of Pharmacology</i> , 2013, 8, .	0.1	19

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56	Antioxidative properties and inhibition of key enzymes linked to type-2 diabetes by snake tomato (<i>Tricosanthes cucumerina</i>) and two tomato (<i>Lycopersicon esculentum</i>) varieties. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 2358-2365.	0.2	9
57	Inhibition of α -amylase and α -glucosidase activities by ethanolic extract of <i>Amaranthus cruentus</i> leaf as affected by blanching. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 1026-1032.	0.2	6
58	Phytochemistry and mode of action of some tropical spices in the management of type-2 diabetes and hypertension. <i>African Journal of Pharmacy and Pharmacology</i> , 2013, 7, 332-346.	0.2	33
59	Molecular Weight Dependent Glucose Lowering Effect of Low Molecular Weight Chitosan Oligosaccharide (GO2KA1) on Postprandial Blood Glucose Level in SD Rats Model. <i>International Journal of Molecular Sciences</i> , 2013, 14, 14214-14224.	1.8	48
60	Antioxidative Activity and Inhibition of Key Enzymes Linked to Type-2 Diabetes (α -Glucosidase and α -Amylase) in Rats. <i>Journal of Food Science and Technology</i> , 2014, 47, 101-106.	0.9	66
61	Bioactive Peptides in Cereals and Legumes: Agronomical, Biochemical and Clinical Aspects. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21120-21135.	1.8	141
62	Inhibitory effect of polyphenolic-rich extract from <i>Cola nitida</i> (Kolanut) seed on key enzyme linked to type 2 diabetes and Fe ²⁺ induced lipid peroxidation in rat pancreas in vitro. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, S405-S412.	0.5	16
63	Influence of pressure cooking on antioxidant activity of wild (<i>Ensete superbum</i>) and commercial banana (<i>Musa paradisiaca</i> var. Monthan) unripe fruit and flower. <i>Journal of Food Science and Technology</i> , 2014, 51, 2517-2525.	1.4	17
64	Effect of fermented soybean condiment supplemented diet on α -amylase and α -glucosidase activities in Streptozotocin-induced diabetic rats. <i>Journal of Functional Foods</i> , 2014, 9, 1-9.	1.6	56
65	Functional foods against metabolic syndrome (obesity, diabetes, hypertension and dyslipidemia) and cardiovascular disease. <i>Trends in Food Science and Technology</i> , 2014, 35, 114-128.	7.8	166
66	Effects of blackberry juice on growth inhibition of foodborne pathogens and growth promotion of <i>Lactobacillus</i> . <i>Food Control</i> , 2014, 37, 15-20.	2.8	50
68	Inhibitory effect of banana (<i>Musa</i> sp. var. Nanjangud rasa bale) flower extract and its constituents Umbelliferone and Lupeol on α -glucosidase, aldose reductase and glycation at multiple stages. <i>South African Journal of Botany</i> , 2014, 95, 54-63.	1.2	87
69	Antihyperglycemic, hypolipidemic, hepatoprotective and antioxidative effects of dietary clove (<i>Syzygium aromaticum</i>) bud powder in a high-fat diet/streptozotocin-induced diabetes rat model. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 2726-2737.	1.7	90
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74	Alpha-Glucosidase Inhibition and Hypoglycemic Activities of <i>Sweitenia mahagoni</i> Seed Extract. <i>HAYATI Journal of Biosciences</i> , 2015, 22, 73-78.	0.1	14

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75	Synthesis and Evaluation of a Series of Oleanolic Acid Saponins as α -Glucosidase and α -Amylase Inhibitors. <i>Archiv Der Pharmazie</i> , 2015, 348, 615-628.	2.1	15
76	<i>In vitro</i> studies on the antimicrobial, antioxidant and antidiabetic potential of <i>Cephalaria gigantea</i> . <i>Bangladesh Journal of Pharmacology</i> , 2015, 10, .	0.1	18
77	Caffeic and chlorogenic acids inhibit key enzymes linked to type 2 diabetes (in vitro): a comparative study. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015, 26, 165-170.	0.7	221
78	Potential role of bioactive compounds of <i>Phaseolus vulgaris</i> L. on lipid-lowering mechanisms. <i>Food Research International</i> , 2015, 76, 92-104.	2.9	50
79	Antidiabetic potential of marine algae by inhibiting key metabolic enzymes. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 148-159.	1.1	47
80	Blueberry extract inhibits carbohydrate-hydrolyzing enzymes and these inhibitory activities are not proanthocyanidin dependent. <i>Journal of the Korean Society for Applied Biological Chemistry</i> , 2015, 58, 127-136.	0.9	9
81	Ethanol extract of mango (<i>Mangifera indica</i> L.) peel inhibits α -amylase and α -glucosidase activities, and ameliorates diabetes related biochemical parameters in Streptozotocin (STZ)-induced diabetic rats. <i>Journal of Food Science and Technology</i> , 2015, 52, 7883-7893.	1.4	59
82	In-vitro antioxidant and antidiabetic potentials of <i>Dianthus basuticus</i> Burtt Davy whole plant extracts. <i>Journal of Herbal Medicine</i> , 2015, 5, 158-164.	1.0	27
83	Selected Tea and Tea Pomace Extracts Inhibit Intestinal α -Glucosidase Activity in Vitro and Postprandial Hyperglycemia in Vivo. <i>International Journal of Molecular Sciences</i> , 2015, 16, 8811-8825.	1.8	32
84	Investigation of antihyperglycaemic activity of banana (<i>Musa</i> sp. var. Nanjangud rasa bale) pseudostem in normal and diabetic rats. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 165-173.	1.7	26
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89	Stimulation of Phenolics, Antioxidant and α -Glucosidase Inhibitory Activities During Barley (<i>Hordeum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	32
90	Antidiabetic activity of silver nanoparticles from green synthesis using <i>Lonicera japonica</i> leaf extract. <i>RSC Advances</i> , 2016, 6, 40162-40168.	1.7	149
91	In vitro starch digestibility, α -amylase and α -glucosidase inhibitory capacities of raw and processed forms of three varieties of Livingstone potato (<i>Plectranthus esculentus</i>). <i>Innovative Food Science and Emerging Technologies</i> , 2016, 37, 37-43.	2.7	31
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94	Inhibitory effect of aqueous extract of different parts of <i>Gossypium herbaceum</i> on key enzymes linked with type 2 diabetes and oxidative stress in rat pancreas in vitro. Beni-Suef University Journal of Basic and Applied Sciences, 2016, 5, 180-186.	0.8	4
95	Antioxidant activity and inhibitory effect of polyphenolic-rich extract from <i>Betonica officinalis</i> and <i>Impatiens noli-tangere</i> herbs on key enzyme linked to type 2 diabetes. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 1-7.	2.7	12
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99	Hypoglycaemic potential of leaf extracts of <i>Lonchocarpus cyanescens</i> (Schum. and Thonn) Benth. Transactions of the Royal Society of South Africa, 2016, 71, 1-6.	0.8	5
100	Phenolic constituents and modulatory effects of <i>Raffia</i> palm leaf (<i>Raphia hookeri</i>) extract on carbohydrate hydrolyzing enzymes linked to type-2 diabetes. Journal of Traditional and Complementary Medicine, 2017, 7, 494-500.	1.5	30
101	Review of antidiabetic fruits, vegetables, beverages, oils and spices commonly consumed in the diet. Journal of Ethnopharmacology, 2017, 201, 26-41.	2.0	65
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103	In vitro biological assessment of <i>Homalium zeylanicum</i> and isolation of lucidenic acid A triterpenoid. Toxicology Reports, 2017, 4, 274-281.	1.6	13
104	In vitro, in vivo and in silico anti-hyperglycemic inhibition by sinigrin. Asian Pacific Journal of Tropical Medicine, 2017, 10, 372-379.	0.4	15
105	Kinetics of inhibition of carbohydrate-metabolizing enzymes and mitigation of oxidative stress by <i>Eucomis humilis</i> Baker bulb. Beni-Suef University Journal of Basic and Applied Sciences, 2017, 6, 57-63.	0.8	2
106	Effects of water extractable phytochemicals of mahogany (<i>Swietenia macrophylla</i>) and axlewood (<i>Anogeissus leiocarpus</i>) stem bark on some enzymes implicated in erectile dysfunction and type-2 diabetes. Journal of Food Biochemistry, 2017, 41, e12430.	1.2	4
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108	Inhibition study of red rice polyphenols on pancreatic α -amylase activity by kinetic analysis and molecular docking. Journal of Cereal Science, 2017, 76, 186-192.	1.8	47
109	Bioaccessibility and antioxidant activity of free phenolic compounds and oligosaccharides from corn (<i>Zea mays</i> L.) and common bean (<i>Phaseolus vulgaris</i> L.) chips during in vitro gastrointestinal digestion and simulated colonic fermentation. Food Research International, 2017, 100, 304-311.	2.9	53
110	Chemical constituents and pharmacological actions of carob pods and leaves (<i>Ceratonia siliqua</i> L.) on the gastrointestinal tract: A review. Biomedicine and Pharmacotherapy, 2017, 93, 522-528.	2.5	77
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112	Inter- and Between-row Spacing on Yield and Quality of a Pumpkin Interspecific Hybrid. International Journal of Vegetable Science, 2017, 23, 151-157.	0.6	0
113	Evaluation of invitro Î±-amylase and Î±-glucosidase inhibitory potential of N 2 O 2 schiff base Zn complex. Arabian Journal of Chemistry, 2017, 10, 732-738.	2.3	31
114	Effects of Vegetables on Cardiovascular Diseases and Related Mechanisms. Nutrients, 2017, 9, 857.	1.7	113
115	Antioxidant, Enzyme-Inhibitory and Antitumor Activity of the Wild Dietary Plant Muscari comosum (L.) Mill.. International Journal of Plant Biology, 2017, 8, 6895.	1.1	12
116	Inhibitory potentials of phenolic-rich extracts from Bridelia ferruginea on two key carbohydrate-metabolizing enzymes and Fe 2+ -induced pancreatic oxidative stress. Journal of Integrative Medicine, 2018, 16, 192-198.	1.4	21
117	Effects of diets containing linseed oil or lard and supplemented with pumpkin seeds on oxidative status, blood serum metabolites, growth performance, and meat quality of naked neck chickens. Canadian Journal of Animal Science, 2018, 98, 607-618.	0.7	7
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