Quercetin, a flavonoid antioxidant, prevents and protection oxidative stress and ?-cell damage in rat pancreas

Pharmacological Research 51, 117-123

DOI: 10.1016/j.phrs.2004.06.002

Citation Report

#	Article	IF	Citations
1	Quercetin Decreases Oxidative Stress, NF- \hat{l}° B Activation, and iNOS Overexpression in Liver of Streptozotocin-Induced Diabetic Rats. Journal of Nutrition, 2005, 135, 2299-2304.	1.3	266
2	Oxidation of liposomal membrane suppressed by flavonoids: Quantitative structure–activity relationship. Bioorganic and Medicinal Chemistry, 2005, 13, 6477-6484.	1.4	51
3	Effect of multiple freeze–thaw cycles of cytoplasm samples on the activity of antioxidant enzymes. Journal of Pharmacological and Toxicological Methods, 2005, 52, 302-305.	0.3	11
4	Hypoglycemic effect of Egyptian Morus alba root bark extract: Effect on diabetes and lipid peroxidation of streptozotocin-induced diabetic rats. Journal of Ethnopharmacology, 2005, 100, 333-338.	2.0	211
5	A review on the role of antioxidants in the management of diabetes and its complications. Biomedicine and Pharmacotherapy, 2005, 59, 365-373.	2.5	698
6	Role of caffeic acid phenethyl ester, an active component of propolis, against NAOH-induced esophageal burns in rats. International Journal of Pediatric Otorhinolaryngology, 2006, 70, 1731-1739.	0.4	19
7	Slow Acting Protein Extract from Fruit Pulp of Momordica charantia with Insulin Secretagogue and Insulinomimetic Activities. Biological and Pharmaceutical Bulletin, 2006, 29, 1126-1131.	0.6	100
8	Antihyperglycaemic and Antioxidant Effect of Rutin, a Polyphenolic Flavonoid, in Streptozotocin-Induced Diabetic Wistar Rats. Basic and Clinical Pharmacology and Toxicology, 2006, 98, 97-103.	1.2	392
9	Effects of $(\hat{a}^{\hat{a}})$ -epigallocatechin-3-gallate on pancreatic beta-cell damage in streptozotocin-induced diabetic rats. European Journal of Pharmacology, 2006, 541, 115-121.	1.7	32
10	Rutin improves glucose homeostasis in streptozotocin diabetic tissues by altering glycolytic and gluconeogenic enzymes. Journal of Biochemical and Molecular Toxicology, 2006, 20, 96-102.	1.4	147
11	Angiotensin II Type 1 Receptor Blockade Improves Â-Cell Function and Glucose Tolerance in a Mouse Model of Type 2 Diabetes. Diabetes, 2006, 55, 367-374.	0.3	168
12	Bis(quercetinato)oxovanadium IV Reverses Metabolic Changes in Streptozotocin-Induced Diabetic Mice. Review of Diabetic Studies, 2007, 4, 33-33.	0.5	15
13	Cytoprotective Effects of KIOM-79 on Streptozotocin Induced Cell Damage by Inhibiting ERK and AP-1. Biological and Pharmaceutical Bulletin, 2007, 30, 852-858.	0.6	24
14	Quercetin, a flavonoid antioxidant, modulates endothelium-derived nitric oxide bioavailability in diabetic rat aortas. Nitric Oxide - Biology and Chemistry, 2007, 16, 442-447.	1.2	87
15	Experimental diabetes treated with Achillea santolina: Effect on pancreatic oxidative parameters. Journal of Ethnopharmacology, 2007, 112, 13-18.	2.0	99
16	Flavonoids as potential therapeutic agents for type 1 diabetes. Medical Hypotheses, 2007, 69, 955.	0.8	10
17	Protective effect of Lycium barbarum polysaccharides on streptozotocin-induced oxidative stress in rats. International Journal of Biological Macromolecules, 2007, 40, 461-465.	3.6	195
18	Molecular Action Mechanism against Apoptosis by Aqueous Extract from Guava Budding Leaves Elucidated with Human Umbilical Vein Endothelial Cell (HUVEC) Model. Journal of Agricultural and Food Chemistry, 2007, 55, 8523-8533.	2.4	31

#	ARTICLE	IF	Citations
19	Quercetin Increases Oxidative Stress Resistance and Longevity inSaccharomyces cerevisiae. Journal of Agricultural and Food Chemistry, 2007, 55, 2446-2451.	2.4	122
20	Diets Rich in Polyphenols and Vitamin A Inhibit the Development of Type I Autoimmune Diabetes in Nonobese Diabetic Mice, 3. Journal of Nutrition, 2007, 137, 1216-1221.	1.3	86
21	Cytoprotective Effect by Antioxidant Activity of Quercetin in INS-1 Cell Line. The Journal of Korean Diabetes Association, 2007, 31, 383.	0.1	2
22	The effects of quercetin on bone minerals, biomechanical behavior, and structure in streptozotocin-induced diabetic rats. Cell Biochemistry and Function, 2007, 25, 747-752.	1.4	29
23	Antidiabetic and antioxidative effects of <i>Annona squamosa</i> leaves are possibly mediated through quercetinâ€3â€Oâ€glucoside. BioFactors, 2007, 31, 201-210.	2.6	107
24	Anxiety and cognitive effects of quercetin liposomes in rats. Nanomedicine: Nanotechnology, Biology, and Medicine, 2008, 4, 70-78.	1.7	180
25	KIOM-4 protects RINm5F pancreatic \hat{l}^2 -Cells against streptozotocin induced oxidative stress in vitro. Biotechnology and Bioprocess Engineering, 2008, 13, 150-157.	1.4	6
26	Transcriptome and proteome profiling of colon mucosa from quercetin fed F344 rats point to tumor preventive mechanisms, increased mitochondrial fatty acid degradation and decreased glycolysis. Proteomics, 2008, 8, 45-61.	1.3	68
27	Combined treatment with naringin and vitamin C ameliorates streptozotocinâ€induced diabetes in male Wistar rats. Journal of Applied Toxicology, 2008, 28, 806-813.	1.4	93
28	Determination of active ingredients in hawthorn and hawthorn piece by capillary electrophoresis with electrochemical detection. Journal of Analytical Chemistry, 2008, 63, 75-81.	0.4	20
29	Quercetin Ameliorates Metabolic Syndrome and Improves the Inflammatory Status in Obese Zucker Rats. Obesity, 2008, 16, 2081-2087.	1.5	381
30	Bioactivity of Flavonoids on Insulinâ€Secreting Cells. Comprehensive Reviews in Food Science and Food Safety, 2008, 7, 299-308.	5.9	82
31	Dimethoate induced biochemical perturbations in rat pancreas and its attenuation by cashew nut skin extract. Pesticide Biochemistry and Physiology, 2008, 90, 58-65.	1.6	40
32	Encapsulation of Quercetin and Myricetin in Cyclodextrins at Acidic pH. Journal of Agricultural and Food Chemistry, 2008, 56, 255-259.	2.4	77
33	Mitigation of Azathioprine-Induced Oxidative Hepatic Injury by the Flavonoid Quercetin in Wistar Rats. Toxicology Mechanisms and Methods, 2008, 18, 653-660.	1.3	7
34	Antidiabetic Activity of Extracts from Needle, Bark, and Cone of (i) Picea glauca (i): Organ-Specific Protection from Glucose Toxicity and Glucose Deprivation. Pharmaceutical Biology, 2008, 46, 126-134.	1.3	16
35	Kaempferol and quercetin isolated from Euonymus alatus improve glucose uptake of 3T3-L1 cells without adipogenesis activity. Life Sciences, 2008, 82, 615-622.	2.0	276
36	Possible use of quercetin, an antioxidant, for protection of cells suffering from overload of intracellular Ca2+: A model experiment. Life Sciences, 2008, 83, 164-169.	2.0	80

3

#	ARTICLE	IF	CITATIONS
37	Antidiabetic effect of alcoholic extract of Caralluma sinaica L. on streptozotocin-induced diabetic rabbits. Journal of Ethnopharmacology, 2008, 117, 215-220.	2.0	69
38	Quercetin ameliorates gamma radiation-induced DNA damage and biochemical changes in human peripheral blood lymphocytes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 654, 1-7.	0.9	52
39	Dietary diphenyl diselenide reduces the STZ-induced toxicity. Food and Chemical Toxicology, 2008, 46, 186-194.	1.8	58
40	Enhancement of Glucose Toxicity by Hyperbaric Oxygen Exposure in Diabetic Rats. Tohoku Journal of Experimental Medicine, 2008, 216, 127-132.	0.5	10
41	Antidiabetic activity of Trichosanthes cucumerina in normal and streptozotocin–induced diabetic rats. International Journal of Biological and Chemical Sciences, 2009, 3, .	0.1	10
42	The Effect of Beer and Its Non-alcoholic Constituents on the Exocrine and Endocrine Pancreas as Well as on Gastrointestinal Hormones., 2009,, 587-601.		1
43	Type 2 Diabetes and Glycemic Response to Grapes or Grape Products ,. Journal of Nutrition, 2009, 139, 1794S-1800S.	1.3	108
44	Seasonal Phytochemical Variation of Anti-Glycation Principles in Lowbush Blueberry (Vaccinium) Tj ETQq1 1 0.78	843]4 rgB ⁻	T /Qyerlock 1
45	Protective effect of berberine on beta cells in streptozotocin- and high-carbohydrate/high-fat diet-induced diabetic rats. European Journal of Pharmacology, 2009, 606, 262-268.	1.7	161
46	Pancreatic tissue protective nature of D-Pinitol studied in streptozotocin-mediated oxidative stress in experimental diabetic rats. European Journal of Pharmacology, 2009, 622, 65-70.	1.7	36
47	Quercetinâ€induced upregulation of human GCLC gene is mediated by <i>cis</i> â€regulatory element for early growth response proteinâ€1 (EGR1) in INSâ€1 betaâ€cells. Journal of Cellular Biochemistry, 2009, 108, 1346-1355.	1.2	12
48	Dietary quercetin alleviates diabetic symptoms and reduces streptozotocinâ€induced disturbance of hepatic gene expression in mice. Molecular Nutrition and Food Research, 2009, 53, 859-868.	1.5	167
49	Effect of Guava (<i>Psidium guajava</i> L.) Leaf Extract on Glucose Uptake in Rat Hepatocytes. Journal of Food Science, 2009, 74, H132-8.	1.5	51
50	Quercitrin, a bioflavonoid improves glucose homeostasis in streptozotocinâ€induced diabetic tissues by altering glycolytic and gluconeogenic enzymes. Fundamental and Clinical Pharmacology, 2010, 24, 357-364.	1.0	62
51	Effect of selenium on pancreatic proinflammatory cytokines in streptozotocin-induced diabetic mice. Journal of Nutritional Biochemistry, 2009, 20, 530-536.	1.9	54
52	3′,4′-Dihydroxyflavonol prevents diabetes-induced endothelial dysfunction in rat aorta. Life Sciences, 2009, 85, 54-59.	2.0	28
53	Sesquiterpenoids from antidiabetic Psacalium decompositum block ATP sensitive potassium channels. Journal of Ethnopharmacology, 2009, 123, 489-493.	2.0	7
54	Antihyperglycemic and insulin secretory activity of Costus pictus leaf extract in streptozotocin induced diabetic rats and in in vitro pancreatic islet culture. Journal of Ethnopharmacology, 2009, 123, 470-474.	2.0	41

#	Article	IF	Citations
55	Rutin alters fatty acid composition in diabetic tissues. Nutrition and Food Science, 2009, 39, 655-662.	0.4	2
56	Protective effect of rutin on lipids, lipoproteins, lipid metabolizing enzymes and glycoproteins in streptozotocin-induced diabetic rats. Journal of Pharmacy and Pharmacology, 2010, 58, 1373-1383.	1.2	66
57	Combined effect of total alkaloids from Feculae Bombycis and natural flavonoids on diabetesâ€. Journal of Pharmacy and Pharmacology, 2010, 59, 1145-1150.	1,2	22
58	Antidiabetic activity of Croton klozchianus in rats and direct stimulation of insulin secretion in-vitro. Journal of Pharmacy and Pharmacology, 2010, 60, 371-376.	1.2	8
59	Protection of protein carbonyl formation by quercetin in erythrocytes subjected to oxidative stress. Medicinal Chemistry Research, 2010, 19, 186-192.	1.1	18
60	Antihyperglycemic, antihyperlipidemic, and antioxidant effects of Chaenomeles sinensis fruit extract in streptozotocin-induced diabetic rats. European Food Research and Technology, 2010, 231, 415-421.	1.6	37
61	Amelioration of Streptozotocin-Induced Diabetes by Agrocybe chaxingu Polysaccharide. Molecules and Cells, 2010, 29, 349-354.	1.0	32
62	Hypoglycemic effect of polysaccharides produced by submerged mycelial culture of Laetiporus sulphureus on streptozotocininduced diabetic rats. Biotechnology and Bioprocess Engineering, 2010, 15, 173-181.	1.4	28
63	Influences of crude extract of tea leaves, Camellia sinensis, on streptozotocin diabetic male albino mice. Saudi Journal of Biological Sciences, 2010, 17, 295-301.	1.8	48
64	Lack of beneficial metabolic effects of quercetin in adult spontaneously hypertensive rats. European Journal of Pharmacology, 2010, 627, 242-250.	1.7	30
65	Quercetin enhances adiponectin secretion by a PPAR- \hat{I}^3 independent mechanism. European Journal of Pharmaceutical Sciences, 2010, 41, 16-22.	1.9	82
66	Protective effect of tetrahydrocurcumin and chlorogenic acid against streptozotocin–nicotinamide generated oxidative stress induced diabetes. Journal of Functional Foods, 2010, 2, 134-142.	1.6	79
67	Simultaneous determination of eleven bioactive compounds in Saururus chinensis from different harvesting seasons by HPLC-DAD. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 1142-1146.	1.4	27
68	Curcumin, resveratrol and flavonoids as anti-inflammatory, cyto- and DNA-protective dietary compounds. Toxicology, 2010, 278, 88-100.	2.0	174
69	Comparative study of the binding characteristics to and inhibitory potencies towards PARP and in vivo antidiabetogenic potencies of taurine, 3-aminobenzamide and nicotinamide. Journal of Biomedical Science, 2010, 17, S16.	2.6	30
70	Antihyperglycaemic and protective effects of flavonoids on streptozotocin–induced diabetic rats. Phytotherapy Research, 2010, 24, S133-8.	2.8	110
71	Beneficial effects of quercetin on sperm parameters in streptozotocinâ€induced diabetic male rats. Phytotherapy Research, 2010, 24, 1285-1291.	2.8	141
72	Quercetin potentiates insulin secretion and protects INSâ€1 pancreatic βâ€cells against oxidative damage via the ERK1/2 pathway. British Journal of Pharmacology, 2010, 161, 799-814.	2.7	209

#	ARTICLE	IF	Citations
73	Anti-Diabetic Agents from Natural Products â€" An Update from 2004 to 2009. Current Topics in Medicinal Chemistry, 2010, 10, 434-457.	1.0	102
74	Islets and their antioxidant defense. Islets, 2010, 2, 225-235.	0.9	90
75	Impact of Dietary Polyphenols on Carbohydrate Metabolism. International Journal of Molecular Sciences, 2010, 11, 1365-1402.	1.8	873
76	Quercetin supplementation does not alter antioxidant status in humans. Free Radical Research, 2010, 44, 224-231.	1.5	61
77	Protective and Anticataract Effects of the Aqueous Extract of Cleistocalyx operculatus Flower Buds on $\hat{1}^2$ -Cells of Streptozotocin-Diabetic Rats. Journal of Agricultural and Food Chemistry, 2010, 58, 4162-4168.	2.4	21
78	The flavonoid-rich fraction of Coreopsis tinctoria promotes glucose tolerance regain through pancreatic function recovery in streptozotocin-induced glucose-intolerant rats. Journal of Ethnopharmacology, 2010, 132, 483-490.	2.0	84
79	Antidiabetic and antioxidant effects of extracts from Potentilla discolor Bunge on diabetic rats induced by high fat diet and streptozotocin. Journal of Ethnopharmacology, 2010, 132, 518-524.	2.0	98
80	Flavonols and cardiovascular disease. Molecular Aspects of Medicine, 2010, 31, 478-494.	2.7	315
81	Minor components of pulses and their potential impact on human health. Food Research International, 2010, 43, 461-482.	2.9	396
82	Influence of rutin treatment on biochemical alterations in experimental diabetes. Biomedicine and Pharmacotherapy, 2010, 64, 214-219.	2.5	122
83	Brown alga Ecklonia cava attenuates type 1 diabetes by activating AMPK and Akt signaling pathways. Food and Chemical Toxicology, 2010, 48, 509-516.	1.8	100
84	Reversal by quercetin of corticotrophin releasing factor induced anxiety- and depression-like effect in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 955-960.	2.5	92
85	Ameliorative effect of quercetin on memory dysfunction in streptozotocin-induced diabetic rats. Neurobiology of Learning and Memory, 2010, 94, 293-302.	1.0	130
86	Effects of Pancreas Transplantation on Oxidative Stress in Pulmonary Tissue from Alloxan-Induced Diabetic Rats. Transplantation Proceedings, 2010, 42, 2087-2091.	0.3	4
87	Design and Development of Nanovehicle-Based Delivery Systems for Preventive or Therapeutic Supplementation with Flavonoids. Current Medicinal Chemistry, 2010, 17, 74-95.	1.2	126
88	Dried leaf extract of <i>Olea europaea </i> ameliorates islet-directed autoimmunity in mice. British Journal of Nutrition, 2010, 103, 1413-1424.	1.2	28
89	Taurine Is More Effective than Melatonin on Cytochrome P450 2E1 and Some Oxidative Stress Markers in Streptozotocin-Induced Diabetic Rats. Journal of Agricultural and Food Chemistry, 2011, 59, 4995-5000.	2.4	15
90	Attenuation of Oxidative Damage in Alloxan Induced Diabetic Rabbits Following Administration of the Extract of the Leaves of Vernonia amygdalina Free Radicals and Antioxidants, 2011, 1, 94-101.	0.2	9

#	Article	IF	CITATIONS
91	Quercetin in combination with vitamins (C and E) improve oxidative stress and hepatic injury in cadmium intoxicated rats. Biomedicine and Preventive Nutrition, 2011 , 1 , 1 - 7 .	0.9	21
92	Flavonoid rich fraction of Pilea \hat{A} microphylla (L.) attenuates metabolic abnormalities and improves pancreatic function in C57BL/KsJ-db/db mice. Biomedicine and Preventive Nutrition, 2011, 1, 268-272.	0.9	8
93	Anti-Diabetic Agents of Natural Origin: A Retrospective Account of Some Promising Chemotypes. , 2011, , 519-599.		1
94	RhoB Loss Prevents Streptozotocin-Induced Diabetes and Ameliorates Diabetic Complications in Mice. American Journal of Pathology, 2011, 178, 245-252.	1.9	14
95	Effect of sitagliptin plus metformin on \hat{l}^2 -cell function, islet integrity and islet gene expression in Zucker diabetic fatty rats. Diabetes Research and Clinical Practice, 2011, 92, 213-222.	1.1	23
96	Centaurium erythrea (Gentianaceae) leaf extract alleviates streptozotocin-induced oxidative stress and \hat{l}^2 -cell damage in rat pancreas. Journal of Ethnopharmacology, 2011, 135, 243-250.	2.0	68
97	Opuntia humifusa stems lower blood glucose and cholesterol levels in streptozotocin-induced diabetic rats. Nutrition Research, 2011, 31, 479-487.	1.3	55
98	Antidiabetic Activity of <i>Terminalia sericea</i> Constituents. Natural Product Communications, 2011, 6, 1934578X1100601.	0.2	19
99	Effects of daily quercetin-rich supplementation on cardiometabolic risks in male smokers. Nutrition Research and Practice, 2011, 5, 28.	0.7	102
100	Antioxidant Activity of <i> Artocarpus heterophyllus < /i > Lam. (Jack Fruit) Leaf Extracts: Remarkable Attenuations of Hyperglycemia and Hyperlipidemia in Streptozotocin-Diabetic Rats. Scientific World Journal, The, 2011, 11, 788-800.</i>	0.8	48
101	Efeito do extrato aquoso de alecrim (Rosmarinus officinalis L.) sobre o estresse oxidativo em ratos diabéticos. Revista De Nutricao, 2011, 24, 121-130.	0.4	10
102	Quercetin attenuates fasting and postprandial hyperglycemia in animal models of diabetes mellitus. Nutrition Research and Practice, $2011, 5, 107$.	0.7	139
103	3′,4′-Dihydroxyflavonol Reduces Superoxide and Improves Nitric Oxide Function in Diabetic Rat Mesenteric Arteries. PLoS ONE, 2011, 6, e20813.	1.1	43
104	Oral Administration of Ethyl Acetate-Soluble Portion of Terminalia chebula Conferring Protection from Streptozotocin-Induced Diabetic Mellitus and Its Complications. Biological and Pharmaceutical Bulletin, 2011, 34, 1702-1709.	0.6	18
105	SIMULTANEOUS EXTRACTION AND ANALYSIS OF FOUR POLYPHENOLS FROM LEAVES OF LYCIUM BARBARUM L Journal of Food Biochemistry, 2011, 35, 914-931.	1.2	20
106	Antioxidant treatment with quercetin ameliorates erectile dysfunction in streptozotocin-induced diabetic rats. Journal of Bioscience and Bioengineering, 2011, 112, 215-218.	1.1	48
107	Antihyperglycaemic, antilipid peroxidative and antioxidant effects of gallic acid on streptozotocin induced diabetic Wistar rats. European Journal of Pharmacology, 2011, 650, 465-471.	1.7	210
108	DNA-protective effects of quercetin or naringenin in alloxan-induced diabetic mice. European Journal of Pharmacology, 2011, 656, 110-118.	1.7	91

#	ARTICLE	IF	CITATIONS
109	Anti-diabetic effects of pentamethylquercetin in neonatally streptozotocin-induced diabetic rats. European Journal of Pharmacology, 2011, 668, 347-353.	1.7	24
110	Oral administration of quercetin inhibits bone loss in rat model of diabetic osteopenia. European Journal of Pharmacology, 2011, 670, 317-324.	1.7	61
111	Effects of treatment with St. John's Wort on blood glucose levels and pain perceptions of streptozotocin-diabetic rats. Fìtoterapìâ, 2011, 82, 576-584.	1.1	34
112	Molecular mechanisms of early growth response proteinâ€1 (EGRâ€1) expression by quercetin in INSâ€1 betaâ€cells. Journal of Cellular Biochemistry, 2012, 113, 1559-1568.	1.2	5
113	Role of Quercetin in Preventing Thioacetamide-Induced Liver Injury in Rats. Toxicologic Pathology, 2011, 39, 949-957.	0.9	99
114	Neuronal cell protective effect of aerial parts of Chinese lizard's tail (Saururus chinensis (Lour.)) Tj ETQq1 1 ().784314 1.2	rgBJT /Overloo
116	Antioxidant rich flavonoids from Oreocnide integrifolia enhance glucose uptake and insulin secretion and protects pancreatic \hat{l}^2 -cells from streptozotocin insult. BMC Complementary and Alternative Medicine, 2011, 11, 126.	3.7	18
117	Onion peel extracts ameliorate hyperglycemia and insulin resistance in high fat diet/streptozotocin-induced diabetic rats. Nutrition and Metabolism, 2011, 8, 18.	1.3	114
118	Effects of gallic acid on brain lipid peroxide and lipid metabolism in streptozotocinâ€induced diabetic Wistar rats. Journal of Biochemical and Molecular Toxicology, 2011, 25, 101-107.	1.4	42
119	Hepatoprotective activity of quercetin against acrylonitrileâ€induced hepatotoxicity in rats. Journal of Biochemical and Molecular Toxicology, 2011, 25, 386-392.	1.4	36
120	Antioxidant compounds from a South Asian beverage and medicinal plant, Cassia auriculata. Food Chemistry, 2011, 125, 221-225.	4.2	50
121	Structure-Activity Relationships of Flavonoids. Current Organic Chemistry, 2011, 15, 2641-2657.	0.9	43
122	Exogenous Superoxide Dismutase: Action on Liver Oxidative Stress in Animals with Streptozotocin-Induced Diabetes. Experimental Diabetes Research, 2011, 2011, 1-6.	3.8	57
123	Quercetin, A Powerful Antioxidant Bioflavonoid, Attenuates Renal Dysfunction In Long-term Experimental Diabetes Mellitus Marmara Medical Journal, 2011, , .	0.1	1
124	Rodent Models for Metabolic Syndrome Research. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-14.	3.0	281
125	Ameliorative potential of Vigna mungo seeds on hyperglycemia mediated oxidative stress and hyperlipidemia in STZ diabetic rats. International Journal of Green Pharmacy, 2011, 5, 266.	0.1	1
126	Evaluation of Anti-Diabetic Activities of Hovenia Dulcis Thunb. Advanced Materials Research, 2012, 554-556, 1827-1830.	0.3	2
127	Quercetin, a Powerful Antioxidant Bioflavonoid, Prevents Oxidative Damage in Different Tissues of Long-Term Diabetic Rats. Balkan Medical Journal, 2012, 29, 49-55.	0.3	10

#	Article	IF	CITATIONS
128	In vitro free radical scavenging and anti-hyperglycemic activities of Achyranthes aspera extract in alloxan-induced diabetic mice. Drug Discoveries and Therapeutics, 2012 , , .	0.6	12
129	Treatment with Aqueous Extract from i>Croton cajucara i>Benth Reduces Hepatic Oxidative Stress in Streptozotocin-Diabetic Rats. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-7.	3.0	12
130	Guards and Culprits in the Endoplasmic Reticulum: Glucolipotoxicity and $\langle i \rangle \hat{l}^2 \langle i \rangle$ -Cell Failure in Type II Diabetes. Experimental Diabetes Research, 2012, 2012, 1-9.	3.8	35
131	Effect of quercetin on postprandial glucose excursion after mono- and disaccharides challenge in normal and diabetic rats. Journal of Diabetes Mellitus, 2012, 02, 82-87.	0.1	19
132	Protective effects of Chrysanthemi Flos extract against streptozotocin-induced oxidative damage in diabetic mice. Journal of Medicinal Plants Research, 2012, 6, .	0.2	4
133	Apigenin Attenuates 2-Deoxy-D-ribose-Induced Oxidative Cell Damage in HIT-T15 Pancreatic .BETACells. Biological and Pharmaceutical Bulletin, 2012, 35, 121-126.	0.6	54
134	Therapeutic Potential of Moringa oleifera Leaves in Chronic Hyperglycemia and Dyslipidemia: A Review. Frontiers in Pharmacology, 2012, 3, 24.	1.6	307
135	The molecular mechanisms of pancreatic \hat{l}^2 -cell glucotoxicity: Recent findings and future research directions. Molecular and Cellular Endocrinology, 2012, 364, 1-27.	1.6	229
136	Quercetin offers cardioprotection against progression of experimental autoimmune myocarditis by suppression of oxidative and endoplasmic reticulum stress via endothelin-1/MAPK signalling. Free Radical Research, 2012, 46, 154-163.	1.5	48
137	Effects of taurine and/or ginseng and their mixture on lipid profile and some parameters indicative of myocardial status in streptozotocin-diabetic rats. Journal of Basic and Applied Zoology, 2012, 65, 267-273.	0.4	13
138	Hepatic nitrosative stress in experimental diabetes. Journal of Diabetes and Its Complications, 2012, 26, 378-381.	1.2	10
139	Pharmacological Review of <i>Caralluma </i> R.Br. with Special Reference to Appetite Suppression and Anti-Obesity. Journal of Medicinal Food, 2012, 15, 108-119.	0.8	41
140	Protective effect of dietary flavonoid quercetin against lipemic-oxidative hepatic injury in hypercholesterolemic rats. Pharmaceutical Biology, 2012, 50, 1019-1025.	1.3	48
141	Increased secretion of insulin and proliferation of islet \hat{l}^2 -cells in rats with mesenteric lymph duct ligation. Biochemical and Biophysical Research Communications, 2012, 425, 266-272.	1.0	2
142	Flavonoids protect pancreatic beta-cells from cytokines mediated apoptosis through the activation of PI3-kinase pathway. Cytokine, 2012, 59, 65-71.	1.4	47
143	Metabolic Effects of Sulforaphane Oral Treatment in Streptozotocin-Diabetic Rats. Journal of Medicinal Food, 2012, 15, 795-801.	0.8	38
144	Hypoglycemic and antilipidemic properties of kombucha tea in alloxan-induced diabetic rats. BMC Complementary and Alternative Medicine, 2012, 12, 63.	3.7	115
145	Oxidative stress in the etiology of age-associated decline in glucose metabolism. Longevity & Healthspan, 2012, 1, 7.	6.7	21

#	Article	IF	CITATIONS
146	Bioassay-Guided Antidiabetic Study of Phaleria macrocarpa Fruit Extract. Molecules, 2012, 17, 4986-5002.	1.7	27
147	Quercetin suppresses NF-κB and MCP-1 expression in a high glucose-induced human mesangial cell proliferation model. International Journal of Molecular Medicine, 2012, 30, 119-25.	1.8	26
148	Effect of Quercetin on the Endocrine Pancreas of the Experimentally Induced Diabetes in Male Albino Rats: A Histological and Immunohistochemical Study. Journal of Diabetes & Metabolism, 2012, 03, .	0.2	25
149	Gossypin, a flavonol glucoside protects pancreatic beta-cells from glucotoxicity in streptozotocin-induced experimental diabetes in rats. Biomedicine and Preventive Nutrition, 2012, 2, 239-245.	0.9	12
150	Antidiabetic, antihyperlipidemic and antioxidant effects of the flavonoid rich fraction of Pilea microphylla (L.) in high fat diet/streptozotocin-induced diabetes in mice. Experimental and Toxicologic Pathology, 2012, 64, 651-658.	2.1	141
151	Effects of physiological quercetin metabolites on interleukin- $1\hat{l}^2$ -induced inducible NOS expression. Journal of Nutritional Biochemistry, 2012, 23, 1394-1402.	1.9	31
152	Amaranthus spinosus L. (Amaranthaceae) leaf extract attenuates streptozotocin-nicotinamide induced diabetes and oxidative stress in albino rats: A histopathological analysis. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, S1647-S1652.	0.5	18
153	Antihyperglycemic and antioxidant effects of a flavanone, naringenin, in streptozotocin–nicotinamide-induced experimental diabetic rats. Journal of Physiology and Biochemistry, 2012, 68, 307-318.	1.3	107
154	Plants and Natural Compounds with Antidiabetic Action. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2012, 40, 314.	0.5	106
155	Mitochondria and Antioxidants: The Active Players in Islet Oxidative Stress., 0,,.		0
156	Evaluation of lipid profile and oxidative stress in STZ-induced rats treated with antioxidant vitamin. Brazilian Archives of Biology and Technology, 2012, 55, 527-536.	0.5	41
157	The protective effects of cinnamon and sugar tea extract on diabetic rats with interrelationships between oxidative stress and DNA damage. African Journal of Pharmacy and Pharmacology, 2012, 6, 3012-3017.	0.2	1
158	Quercetin attenuates lindane induced oxidative stress in wistar rats. Molecular Biology Reports, 2012, 39, 6895-6905.	1.0	44
159	Antidiabetic activity of gossypin, a pentahydroxyflavone glucoside, in streptozotocinâ€induced experimental diabetes in rats. Journal of Diabetes, 2012, 4, 41-46.	0.8	23
160	Effects of pH on the ability of flavonoids to act as Pickering emulsion stabilizers. Colloids and Surfaces B: Biointerfaces, 2012, 92, 84-90.	2.5	114
161	Quercetin decreases inflammatory response and increases insulin action in skeletal muscle of ob/ob mice and in L6 myotubes. European Journal of Pharmacology, 2012, 689, 285-293.	1.7	66
162	Development of quercetin nanoformulation and in vivo evaluation using streptozotocin induced diabetic rat model. Drug Delivery and Translational Research, 2012, 2, 112-123.	3.0	68
163	Antihyperlipidemic Components of <i>Cassia auriculata</i> Aerial Parts: Identification Through <i>In Vitro</i> Studies. Phytotherapy Research, 2013, 27, 152-155.	2.8	50

#	Article	IF	Citations
164	Alleviating effects of morin against experimentally-induced diabetic osteopenia. Diabetology and Metabolic Syndrome, 2013, 5, 5.	1.2	62
165	Antioxidant and anti-inflammatory effects of quercetin in functional and morphological alterations in streptozotocin-induced diabetic rats. Research in Veterinary Science, 2013, 95, 389-397.	0.9	49
166	Taurine 8. Advances in Experimental Medicine and Biology, 2013, , .	0.8	1
167	Modulating efficacy of Rebaudioside A, a diterpenoid on antioxidant and circulatory lipids in experimental diabetic rats. Environmental Toxicology and Pharmacology, 2013, 36, 472-483.	2.0	25
168	Alternanthera paronychioides protects pancreatic \hat{l}^2 -cells from glucotoxicity by its antioxidant, antiapoptotic and insulin secretagogue actions. Food Chemistry, 2013, 139, 362-370.	4.2	19
169	A mixture of extracts from Peruvian plants (black maca and yacon) improves sperm count and reduced glycemia in mice with streptozotocin-induced diabetes. Toxicology Mechanisms and Methods, 2013, 23, 509-518.	1.3	30
170	Mangiferin from <i> Salacia chinensis </i> > Prevents Oxidative Stress and Protects Pancreatic <i> \hat{i}^2 </i> - Cells in Streptozotocin-Induced Diabetic Rats. Journal of Medicinal Food, 2013, 16, 719-727.	0.8	52
171	Antihyperglycaemic efficacy of kombucha in streptozotocin-induced rats. Journal of Functional Foods, 2013, 5, 1794-1802.	1.6	45
172	Tempol ameliorates cardiac fibrosis in streptozotocin-induced diabetic rats: role of oxidative stress in diabetic cardiomyopathy. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 1071-1080.	1.4	40
173	Jaboticaba (Myrciaria jaboticaba (Vell.) Berg), a Brazilian grape-like fruit, improves plasma lipid profile in streptozotocin-mediated oxidative stress in diabetic rats. Food Research International, 2013, 54, 650-659.	2.9	84
174	Recent advances in understanding the anti-diabetic actions of dietary flavonoids. Journal of Nutritional Biochemistry, 2013, 24, 1777-1789.	1.9	415
175	Higher Dietary Flavonol Intake Is Associated with Lower Incidence of Type 2 Diabetes. Journal of Nutrition, 2013, 143, 1474-1480.	1.3	98
176	Evaluation of antidiabetic antihyperlipidemic and pancreatic regeneration, potential of aerial parts of Clitoria ternatea. Revista Brasileira De Farmacognosia, 2013, 23, 819-829.	0.6	30
177	Quercetin inhibits transcriptional up-regulation of histamine H1 receptor via suppressing protein kinase C-δ/extracellular signal-regulated kinase/poly(ADP-ribose) polymerase-1 signaling pathway in HeLa cells. International Immunopharmacology, 2013, 15, 232-239.	1.7	28
178	Quercetin vs chrysin. Human and Experimental Toxicology, 2013, 32, 1058-1066.	1.1	51
179	Octaphlorethol A, a novel phenolic compound isolated from Ishige foliacea, protects against streptozotocin-induced pancreatic $\hat{\Gamma}^2$ cell damage by reducing oxidative stress and apoptosis. Food and Chemical Toxicology, 2013, 59, 643-649.	1.8	35
180	Modulation of adipose tissue inflammation by bioactive food compounds. Journal of Nutritional Biochemistry, 2013, 24, 613-623.	1.9	270
181	Influence of treatment with quercetin on lipid parameters and oxidative stress of pregnant diabetic rats. Canadian Journal of Physiology and Pharmacology, 2013, 91, 171-177.	0.7	18

#	Article	IF	CITATIONS
182	Transduced Tat-glyoxalase protein attenuates streptozotocin-induced diabetes in a mouse model. Biochemical and Biophysical Research Communications, 2013, 430, 294-300.	1.0	21
183	The potential role of combined antioxidant treatment on pancreas of STZ-diabetic mice. Experimental and Toxicologic Pathology, 2013, 65, 255-262.	2.1	7
184	Quercetin and quercitrin protect against cytokine-induced injuries in RINm5F \hat{l}^2 -cells via the mitochondrial pathway and NF- \hat{l}^2 B signaling. International Journal of Molecular Medicine, 2013, 31, 265-271.	1.8	69
185	Pharmacokinetic interaction study between quercetin and valsartan in rats and in vitro /i>models. Drug Development and Industrial Pharmacy, 2013, 39, 865-872.	0.9	57
186	Quercetin induces insulin secretion by direct activation of Lâ€type calcium channels in pancreatic beta cells. British Journal of Pharmacology, 2013, 169, 1102-1113.	2.7	92
187	Antioxidant and anti-inflammatory effects of Urtica pilulifera extracts in type2 diabetic rats. Journal of Ethnopharmacology, 2013, 145, 269-277.	2.0	24
188	Quercetin intake during lactation modulates the AMP-activated protein kinase pathway in the livers of adult male rat offspring programmed by maternal protein restriction. Journal of Nutritional Biochemistry, 2013, 24, 118-123.	1.9	8
189	Chemical profiles and hypoglycemic activities of mulberry leaf extracts vary with ethanol concentration. Food Science and Biotechnology, 2013, 22, 1-5.	1.2	9
190	Antidiabetic Effects of Punica granatum L (Pomegranate)., 2013,, 355-369.		6
191	Herbal Therapies for Type 2 Diabetes Mellitus: Chemistry, Biology, and Potential Application of Selected Plants and Compounds. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-33.	0.5	148
192	Quercetin Preserves $\langle i \rangle \hat{l}^2 \langle i \rangle$ -Cell Mass and Function in Fructose-Induced Hyperinsulinemia through Modulating Pancreatic Akt/FoxO1 Activation. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-12.	0.5	38
193	Effect of Gelam Honey on the Oxidative Stress-Induced Signaling Pathways in Pancreatic Hamster Cells. International Journal of Endocrinology, 2013, 2013, 1-10.	0.6	27
194	Antidiabetic and Cardioprotective Effects of Amla (Emblica officinalis Gaertn) and its Phytochemicals. , 2013, , 583-600.		4
195	Antihyperglycemic, antilipid peroxidation, and insulin secretory activities of Otostegia persicashoot extract in streptozotocin-induced diabetic rats and in vitro C187 pancreatic \hat{l}^2 -cells. Pharmaceutical Biology, 2013, 51, 253-259.	1.3	17
196	The association effect of insulin and clonazepam on oxidative stress in liver of an experimental animal model of diabetes and depression. Pharmaceutical Biology, 2013, 51, 533-538.	1.3	12
197	The Effects of Taurine and Thiotaurine on Oxidative Stress in the Aorta and Heart of Diabetic Rats. Advances in Experimental Medicine and Biology, 2013, 775, 345-369.	0.8	10
198	Effects of Quercetin Supplementation on Endurance Performance and Maximal Oxygen Consumption: A Meta-Analysis. International Journal of Sport Nutrition and Exercise Metabolism, 2013, 23, 73-82.	1.0	24
199	A Systematic Review of Oxidative Stress and Safety of Antioxidants in Diabetes: Focus on Islets and Their Defense. Diabetes and Metabolism Journal, 2013, 37, 106.	1.8	163

#	Article	IF	Citations
200	Anti-hyperglycemic Properties of Moringa oleifera Lam. Aqueous Leaf Extract in Normal and Mildly Diabetic Mice. British Journal of Pharmacology and Toxicology, 2013, 4, 106-109.	0.3	10
201	Oxidative Stress and Diabetic Complications: The Role of Antioxidant Vitamins and Flavonoids. , 2014, , .		20
202	<i>Chlorophytum borivilianum</i> Root Extract Maintains near Normal Blood Glucose, Insulin and Lipid Profile Levels and Prevents Oxidative Stress in the Pancreas of Streptozotocin-Induced Adult Male Diabetic Rats. International Journal of Medical Sciences, 2014, 11, 1172-1184.	1.1	25
203	Antidiabetic Activity of Benzopyrone Analogues in Nicotinamide-Streptozotocin Induced Type 2 Diabetes in Rats. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	25
204	<i>Psoralea corylifolia</i> L. Seed Extract Ameliorates Streptozotocin-Induced Diabetes in Mice by Inhibition of Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-9.	1.9	43
205	Protective effect of Commiphora wightii in metabolic activity of streptozotocin (STZ) induced diabetes in rats. Journal of Diabetes and Endocrinology, 2014, 5, 19-28.	0.5	3
206	Relationship between flavonoids intake and metabolic syndrome in Korean women with polycystic ovary syndrome. Journal of Nutrition and Health, 2014, 47, 176.	0.2	7
207	Antioxidant effect of pomegranate against streptozotocin-nicotinamide generated oxidative stress induced diabetic rats. Toxicology Reports, 2014, 1, 915-922.	1.6	65
208	Effect of <i>Semecaprus anacardium </i> on Diabetes-Induced Alterations in the Activities of Marker Enzymes and Antioxidant Enzymes in Type 2 Diabetes Induced Cardiac Vascular Damage Model in Rats. Journal of Dietary Supplements, 2014, 11, 347-360.	1.4	1
209	Diabetic encephalopathyâ€related depression: experimental evidence that insulin and clonazepam restore antioxidant status in rat brain. Cell Biochemistry and Function, 2014, 32, 711-719.	1.4	14
210	Hypoglycemic effect of white (Morus alba L.) and black (Morus nigra L.) mulberry fruits in diabetic rat. European Journal of Chemistry, 2014, 5, 65-72.	0.3	14
211	Pioglitazone, quercetin and hydroxy citric acid effect on hepatic biomarkers in Non Alcoholic Steatohepatitis. Pharmacognosy Research (discontinued), 2014, 6, 153.	0.3	18
212	Immunomodulatory Effect of Red Onion (<i>Allium cepa</i> Linn) Scale Extract on Experimentally Induced Atypical Prostatic Hyperplasia in Wistar Rats. Mediators of Inflammation, 2014, 2014, 1-13.	1.4	39
213	Preliminary <i>In Vitro</i> and <i>In Vivo</i> Evaluation of Antidiabetic Activity of <i>Ducrosia anethifolia</i> Boiss. and Its Linear Furanocoumarins. BioMed Research International, 2014, 2014, 1-13.	0.9	39
214	Antihyperglycemic Activity of <i>Houttuynia cordata </i> Thunb. in Streptozotocin-Induced Diabetic Rats. Advances in Pharmacological Sciences, 2014, 2014, 1-12.	3.7	24
215	<i>Moringa oleifera</i> leaf extract ameliorates alloxan-induced diabetes in rats by regeneration of \hat{l}^2 cells and reduction of pyruvate carboxylase expression. Biochemistry and Cell Biology, 2014, 92, 413-419.	0.9	56
216	Combination therapy with spironolactone and candesartan protects against streptozotocin-induced diabetic nephropathy in rats. European Journal of Pharmacology, 2014, 744, 173-182.	1.7	25
217	Antioxidant -Rich Natural Products and Diabetes Mellitus. , 0, , .		6

#	Article	IF	CITATIONS
218	Cissus quadrangularisextract attenuates hyperglycaemia-mediated oxidative stress in streptozotocin-induced diabetic rats. Redox Report, 2014, 19, 214-220.	1.4	12
219	Comparative Effects of Some Medicinal Plants:Anacardium occidentale, Eucalyptus globulus, Psidium guajava,andXylopia aethiopicaExtracts in Alloxan-Induced Diabetic Male Wistar Albino Rats. Biochemistry Research International, 2014, 2014, 1-13.	1.5	12
220	Spice plant Allium cepa: Dietary supplement for treatment of type 2 diabetes mellitus. Nutrition, 2014, 30, 1128-1137.	1.1	118
221	Quercetin can reduce insulin resistance without decreasing adipose tissue and skeletal muscle fat accumulation. Genes and Nutrition, 2014, 9, 361.	1.2	58
222	Antihyperlipidemic and antiinflammatory effect of Bhallataka nuts in ameliorating the alterations in lipid metabolism and inflammation in diabetes-induced cardiac damage in rats. Comparative Clinical Pathology, 2014, 23, 1593-1601.	0.3	3
223	The antioxidant effect of the Malaysian Gelam honey on pancreatic hamster cells cultured under hyperglycemic conditions. Clinical and Experimental Medicine, 2014, 14, 185-195.	1.9	22
224	Hypoglycaemic effects of Ajuga extract in vitro and in vivo. Journal of Functional Foods, 2014, 6, 224-230.	1.6	22
225	Effects of N-adamantyl-4-methylthiazol-2-amine on hyperglycemia, hyperlipidemia and oxidative stress in streptozotocin-induced diabetic rats. European Journal of Pharmacology, 2014, 736, 26-34.	1.7	30
226	Rutin and quercetin enhance glucose uptake in L6 myotubes under oxidative stress induced by tertiary butyl hydrogen peroxide. Food Chemistry, 2014, 158, 546-554.	4.2	53
227	Medicinal plants used in treatment and management of cancer in Kakamega County, Kenya. Journal of Ethnopharmacology, 2014, 151, 1040-1055.	2.0	192
228	Influence of Dietary Polyphenols on Carbohydrate Metabolism., 2014,, 95-111.		5
229	Dietary Quercetin and other Polyphenols. , 2014, , 163-175.		4
230	Role of red grape polyphenols as antidiabetic agents. Integrative Medicine Research, 2014, 3, 119-125.	0.7	37
231	Synergistic effect of quercetin and quinic acid by alleviating structural degeneration in the liver, kidney and pancreas tissues of STZ-induced diabetic rats: A mechanistic study. Food and Chemical Toxicology, 2014, 71, 183-196.	1.8	85
232	The flavonols quercetin and $3\hat{a}\in^2$, $4\hat{a}\in^2$ -dihydroxyflavonol reduce platelet function and delay thrombus formation in a model of type 1 diabetes. Diabetes and Vascular Disease Research, 2014, 11, 174-181.	0.9	20
233	Combination therapy with losartan and l-carnitine protects against endothelial dysfunction of streptozotocin-induced diabetic rats. European Journal of Pharmacology, 2014, 744, 10-17.	1.7	17
234	Mice In Vivo Toxicity Studies for Monohaloacetamides Emerging Disinfection Byproducts Based on Metabolomic Methods. Environmental Science & Environmental Science & 2014, 48, 8212-8218.	4.6	64
235	Influence of flavonoid-rich fruit and vegetable intake on diabetic retinopathy and diabetes-related biomarkers. Journal of Diabetes and Its Complications, 2014, 28, 767-771.	1.2	59

#	Article	IF	CITATIONS
236	Notch1-Nuclear Factor $\hat{I}^{\circ}B$ Involves in Oxidative Stress-Induced Alcoholic Steatohepatitis. Alcohol and Alcoholism, 2014, 49, 10-16.	0.9	14
237	Antidiabetogenic and antioxidative effects of octaphlorethol a isolated from the brown algae Ishige foliacea in streptozotocin-induced diabetic mice. Food Science and Biotechnology, 2014, 23, 1261-1266.	1.2	11
238	The use of plants in the traditional management of diabetes in Nigeria: Pharmacological and toxicological considerations. Journal of Ethnopharmacology, 2014, 155, 857-924.	2.0	274
239	Plants Fagonia cretica L. and Hedera nepalensis K. Koch contain natural compounds with potent dipeptidyl peptidase-4 (DPP-4) inhibitory activity. Journal of Ethnopharmacology, 2014, 156, 26-32.	2.0	72
240	Antioxidant Activity and Delayed Aging Effects of Hot Water Extract from <i>Chamaecyparis obtusa</i> var. <i>formosana</i> Leaves. Journal of Agricultural and Food Chemistry, 2014, 62, 4159-4165.	2.4	22
241	Role of Bioactive Food Components in Diabetes Prevention: Effects on Beta-Cell Function and Preservation. Nutrition and Metabolic Insights, 2014, 7, NMI.S13589.	0.8	49
242	Antidiabetic properties of dietary flavonoids: a cellular mechanism review. Nutrition and Metabolism, 2015, 12, 60.	1.3	364
243	A Hydroxylated Lupeol-Based Triterpenoid Ester Isolated from the Scurrula parasitica Parasitic on Nerium indicum. Helvetica Chimica Acta, 2015, 98, 627-632.	1.0	8
244	Pharmacological Activation of Nrf2 Pathway Improves Pancreatic Islet Isolation and Transplantation. Cell Transplantation, 2015, 24, 2273-2283.	1.2	25
245	Flavonols in the Prevention of Diabetes-induced Vascular Dysfunction. Journal of Cardiovascular Pharmacology, 2015, 65, 532-544.	0.8	38
246	Anti-Hyperglycemic and Antioxidant Effect of Saraca asoca (Roxb. De Wilde) Flowers in Streptozotocin-Nicotinamide Induced Diabetic Rats: A Therapeutic Study. Journal of Bioanalysis & Biomedicine, 2015, 01, .	0.1	5
247	Hypoglycaemic Activity of <i>Acalypha fruticosa</i> Forssk Extracts in Normal Rabbits. Tropical Journal of Pharmaceutical Research, 2015, 14, 1445.	0.2	3
248	Plant-Derived Compounds Targeting Pancreatic Beta Cells for the Treatment of Diabetes. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-12.	0.5	68
249	Anti-diabetic Effect of FriedelanTriterpenoids in Streptozotocin Induced Diabetic Rat. Natural Product Communications, 2015, 10, 1934578X1501001.	0.2	1
250	Natural Flavonoids as Potential Herbal Medication for the Treatment of Diabetes Mellitus and its Complications. Natural Product Communications, 2015, 10, 1934578X1501000.	0.2	35
251	Antidiabetic Effect of the Aqueous Extract Mixture of Andrographis paniculata and Syzygium polyanthum Leaf. European Journal of Medicinal Plants, 2015, 6, 82-91.	0.5	12
252	3,4-dihydroxyphenylacetic acid, a microbiota-derived metabolite of quercetin, protects against pancreatic $\hat{1}^2$ -cells dysfunction induced by high cholesterol. Experimental Cell Research, 2015, 334, 270-282.	1.2	63
253	Effects of selenium on endothelial dysfunction and metabolic profile in low dose streptozotocin induced diabetic rats fed a high fat diet. Biotechnic and Histochemistry, 2015, 90, 506-515.	0.7	30

#	Article	IF	Citations
254	A glowing antioxidant from tasar silk cocoon. RSC Advances, 2015, 5, 104563-104573.	1.7	5
255	The effect of caraway (Carum carvi L.) on the blood antioxidant enzymes and lipid peroxidation in streptozotocin-induced diabetic rats. Comparative Clinical Pathology, 2015, 24, 1197-1203.	0.3	8
256	Quercetin protects against acetaminophen-induced hepatorenal toxicity by reducing reactive oxygen and nitrogen species. Pathophysiology, 2015, 22, 49-55.	1.0	48
257	Tyrosol, a phenolic compound, ameliorates hyperglycemia by regulating key enzymes of carbohydrate metabolism in streptozotocin induced diabetic rats. Chemico-Biological Interactions, 2015, 229, 44-54.	1.7	54
258	Docosahexaenoic acid ester of phloridzin inhibit lipopolysaccharide-induced inflammation in THP-1 differentiated macrophages. International Immunopharmacology, 2015, 25, 199-206.	1.7	27
260	The molecular basis of the antidiabetic action of quercetin in cultured skeletal muscle cells and hepatocytes. Pharmacognosy Magazine, $2015,11,74$.	0.3	131
261	Neuro-protective effects of cerium and yttrium oxide nanoparticles on high glucose-induced oxidative stress and apoptosis in undifferentiated PC12 cells. Neurological Research, 2015, 37, 624-632.	0.6	61
262	Neuroprotective Effects of Rutin in Streptozotocin-Induced Diabetic Rat Retina. Journal of Molecular Neuroscience, 2015, 56, 440-448.	1.1	83
263	Trans-anethole, a terpenoid ameliorates hyperglycemia by regulating key enzymes of carbohydrate metabolism in streptozotocin induced diabetic rats. Biochimie, 2015, 112, 57-65.	1.3	63
264	Edible freshwater macrophytes: a source of anticancer and antioxidative natural productsâ€"a mini-review. Phytochemistry Reviews, 2015, 14, 443-457.	3.1	20
265	Protection of pancreatic \hat{l}^2 -cell function by dietary polyphenols. Phytochemistry Reviews, 2015, 14, 933-959.	3.1	18
266	Melatonin, quercetin and resveratrol attenuates oxidative hepatocellular injury in streptozotocin-induced diabetic rats. Human and Experimental Toxicology, 2015, 34, 859-868.	1.1	27
267	Pyrroloquinoline quinone ameliorates oxidative stress and lipid peroxidation in the brain of streptozotocin-induced diabetic mice. Canadian Journal of Physiology and Pharmacology, 2015, 93, 71-79.	0.7	12
268	Carbon tetrachloride-induced lipid peroxidation and hyperglycemia in rat. Toxicology and Industrial Health, 2015, 31, 546-553.	0.6	23
269	Nephroprotective activities of quercetin with potential relevance to oxidative stress induced by valproic acid. Protoplasma, 2015, 252, 209-217.	1.0	44
270	Influence of mulberry leaf extract on serum adiponectin, visfatin and lipid profile levels in type 2 diabetic rats. Brazilian Archives of Biology and Technology, 2016, 59, .	0.5	6
271	Gelam Honey Attenuates the Oxidative Stress-Induced Inflammatory Pathways in Pancreatic Hamster Cells. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-13.	0.5	15
272	Changes in Oxidative Stress and Antioxidant Enzyme Activities in Streptozotocin-Induced Diabetes Mellitus in Rats: Role of <i>Alhagi maurorum </i> Extracts. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-8.	1.9	55

#	Article	IF	CITATIONS
273	Diabetic Osteoporosis: A Review of Its Traditional Chinese Medicinal Use and Clinical and Preclinical Research. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-13.	0.5	33
274	Antioxidant Enzyme Activities and Lipid Oxidation in Rape (Brassica campestris L.) Bee Pollen Added to Salami during Processing. Molecules, 2016, 21, 1439.	1.7	16
275	Polyphenols and Glycemic Control. Nutrients, 2016, 8, 17.	1.7	364
276	Benzbromarone, Quercetin, and Folic Acid Inhibit Amylin Aggregation. International Journal of Molecular Sciences, 2016, 17, 964.	1.8	38
277	The Protective Effect of Antioxidants Consumption on Diabetes and Vascular Complications. Diseases (Basel, Switzerland), 2016, 4, 24.	1.0	60
278	Effect of Allâ€Trans Retinoic Acid on the Pancreas of Streptozotocinâ€Induced Diabetic Rat. Anatomical Record, 2016, 299, 334-351.	0.8	8
279	Quercetin Stimulates Insulin Secretion and Reduces the Viability of Rat INS-1 Beta-Cells. Cellular Physiology and Biochemistry, 2016, 39, 278-293.	1.1	65
280	Protective Effects of Selenium, Vitamin E, and Purple Carrot Anthocyanins on d-Galactose-Induced Oxidative Damage in Blood, Liver, Heart and Kidney Rats. Biological Trace Element Research, 2016, 173, 433-442.	1.9	45
281	Neuroprotective effect of ischemic preconditioning via modulating the expression of adropin and oxidative markers against transient cerebral ischemia in diabetic rats. Peptides, 2016, 79, 31-38.	1.2	24
282	Antidepressantâ€like effects of quercetin in diabetic rats are independent of hypothalamic–pituitary–adrenal axis. Acta Neuropsychiatrica, 2016, 28, 23-30.	1.0	35
283	Protective effect of cyanidin against glucose- and methylglyoxal-induced protein glycation and oxidative DNA damage. International Journal of Biological Macromolecules, 2016, 93, 814-821.	3.6	26
284	Co-encapsulation of tamoxifen citrate and quercetin using 2HP-Î ² -cyclodextrin: a response surface experimental design. RSC Advances, 2016, 6, 111517-111525.	1.7	10
285	Chapter^>4: Obesity., 2016,, 88-105.		0
286	The impact of dietary flavonoid supplementation on smoking-induced inflammatory process and fibrinolytic impairment. Atherosclerosis, 2016, 251, 266-272.	0.4	13
287	Quercetin promotes the apoptosis of fibroblast-like synoviocytes in rheumatoid arthritis by upregulating lncRNA MALAT1. International Journal of Molecular Medicine, 2016, 38, 1507-1514.	1.8	106
288	Protective effects of quercetin against arsenic-induced testicular damage in rats. Andrologia, 2016, 48, 1202-1213.	1.0	53
289	Protective effect of aqueous seed extract of Vitis Vinifera against oxidative stress, inflammation and apoptosis in the pancreas of adult male rats with diabetes mellitus. Biomedicine and Pharmacotherapy, 2016, 81, 439-452.	2.5	28
290	Quercetin induces caspase-dependent extrinsic apoptosis through inhibition of signal transducer and activator of transcription 3 signaling in HER2-overexpressing BT-474 breast cancer cells. Oncology Reports, 2016, 36, 31-42.	1.2	78

#	Article	IF	CITATIONS
291	Mechanisms by which cocoa flavanols improve metabolic syndrome and related disorders. Journal of Nutritional Biochemistry, 2016, 35, 1-21.	1.9	74
292	Synergistic effect of quercetin and 6-gingerol treatment in streptozotocin induced type 2 diabetic rats and poloxamer P-407 induced hyperlipidemia. RSC Advances, 2016, 6, 12235-12242.	1.7	19
293	Investigation of quercetinâ€induced HepG2 cell apoptosisâ€associated cellular biophysical alterations by atomic force microscopy. Scanning, 2016, 38, 100-112.	0.7	28
294	Beneficial effects of quercetin on renal injury and oxidative stress caused by ciprofloxacin in rats. Human and Experimental Toxicology, 2016, 35, 276-281.	1.1	20
295	Management of diabetic complications through fruit flavonoids as a natural remedy. Critical Reviews in Food Science and Nutrition, 2017, 57, 1411-1422.	5.4	33
296	Antihyperglycemic Effect of Quercetin in Ovariectomized Rats Treated with Tamoxifen. Journal of Medicinal Food, 2017, 20, 235-242.	0.8	7
297	Protective effect of resveratrol against inflammation, oxidative stress and apoptosis in pancreas of aged SAMP8 mice. Experimental Gerontology, 2017, 90, 61-70.	1.2	44
298	Processing optimization and anti-oxidative activity of enzymatic extractable polysaccharides from Pleurotus djamor. International Journal of Biological Macromolecules, 2017, 98, 469-478.	3.6	21
299	Longâ€term dietary quercetin enrichment as a cardioprotective countermeasure in mdx mice. Experimental Physiology, 2017, 102, 635-649.	0.9	16
301	Therapeutic Efficacy of Catharanthus roseus in Type 1 and Type 2 Diabetes Mellitus in Wistar Rats. , 201-246.		0
302	Fasudil ameliorates endothelial dysfunction in streptozotocin-induced diabetic rats: a possible role of Rho kinase. Naunyn-Schmiedeberg's Archives of Pharmacology, 2017, 390, 801-811.	1.4	17
303	Hepatoprotective Properties of a Polyphenol-Enriched Fraction from <i>Annona crassiflora</i> Mart.ÂFruit Peel against Diabetes-Induced Oxidative and Nitrosative Stress. Journal of Agricultural and Food Chemistry, 2017, 65, 4428-4438.	2.4	46
304	Antidiabetic properties of Capparis spinosa L. and its components. Biomedicine and Pharmacotherapy, 2017, 92, 293-302.	2.5	49
305	Differential toxicity of arsenic on renal oxidative damage and urinary metabolic profiles in normal and diabetic mice. Environmental Science and Pollution Research, 2017, 24, 17485-17492.	2.7	13
306	Mechanistic insights into the effects of quercetin and/or GLP-1 analogue liraglutide on high-fat diet/streptozotocin-induced type 2 diabetes in rats. Biomedicine and Pharmacotherapy, 2017, 92, 331-339.	2.5	42
307	The effect of hesperidin and quercetin on oxidative stress, NF-κB and SIRT1 levels in a STZ-induced experimental diabetes model. Biomedicine and Pharmacotherapy, 2017, 90, 500-508.	2.5	121
308	Protein extract from the fruit pulp of Momordica dioica shows anti-diabetic, anti-lipidemic and antioxidant activity in diabetic rats. Journal of Functional Foods, 2017, 33, 181-187.	1.6	20
309	Anti-hyperglycaemic activity of <i>Moringa oleifera</i> is partly mediated by carbohydrase inhibition and glucose-fibre binding. Bioscience Reports, 2017, 37, .	1.1	37

#	ARTICLE	IF	Citations
310	Enzymatic Synthesis of a Novel Kaempferol-3- $(1\hat{a}^4)$ - $(1\hat{a}^4$	2.4	21
311	Quercetin potentiates transdifferentiation of bone marrow mesenchymal stem cells into the beta cells in vitro. Journal of Endocrinological Investigation, 2017, 40, 513-521.	1.8	21
312	Oral delivery of quercetin in oil-in-water nanoemulsion: In vitro characterization and in vivo anti-obesity efficacy in mice. Journal of Functional Foods, 2017, 38, 571-581.	1.6	51
313	Effects of ciprofloxacin on fetal rat liver during pregnancy and protective effects of quercetin. Biotechnic and Histochemistry, 2017, 92, 481-486.	0.7	10
314	Furan induced ovarian damage in non-diabetic and diabetic rats and cellular protective role of lycopene. Archives of Gynecology and Obstetrics, 2017, 296, 1027-1037.	0.8	22
315	Antihyperglycaemic and organic protective effects on pancreas, liver and kidney by polysaccharides from Hericium erinaceus SG-02 in streptozotocin-induced diabetic mice. Scientific Reports, 2017, 7, 10847.	1.6	22
316	Changes in the Pancreas in Experimental Diabetes and the Effect of Lycopene on These Changes: Proliferating, Apoptotic, and Estrogen Receptor \hat{l}_{\pm} Positive Cells. Anatomical Record, 2017, 300, 2000-2007.	0.8	5
317	Polyphenols and their benefits: A review. International Journal of Food Properties, 0, , 1-42.	1.3	157
318	Neuroprotective effects of Moringa oleifera: Bio-guided GC-MS identification of active compounds in diabetic neuropathic pain model. Chinese Journal of Integrative Medicine, 2017, , 1.	0.7	17
319	Anti-hypoglycemic and hepatocyte-protective effects of hyperoside from Zanthoxylum bungeanum leaves in mice with high-carbohydrate/high-fat diet and alloxan-induced diabetes. International Journal of Molecular Medicine, 2018, 41, 77-86.	1.8	26
320	Hypoglycemic effect of silychristin A from Silybum marianum fruit via protecting pancreatic islet \hat{l}^2 cells from oxidative damage and inhibiting $\hat{l}\pm$ -glucosidase activity in vitro and in rats with type 1 diabetes. Journal of Functional Foods, 2017, 38, 168-179.	1.6	14
321	Beneficial roles of honey polyphenols against some human degenerative diseases: A review. Pharmacological Reports, 2017, 69, 1194-1205.	1.5	122
322	Comparative toxicity of chloro- and bromo-nitromethanes in mice based on a metabolomic method. Chemosphere, 2017, 185, 20-28.	4.2	22
323	Averrhoa bilimbi fruits attenuate hyperglycemia-mediated oxidative stress in streptozotocin-induced diabetic rats. Journal of Food and Drug Analysis, 2017, 25, 360-368.	0.9	25
324	Rutin suppresses human-amylin/hIAPP misfolding and oligomer formation in-vitro, and ameliorates diabetes and its impacts in human-amylin/hIAPP transgenic mice. Biochemical and Biophysical Research Communications, 2017, 482, 625-631.	1.0	28
325	An Overview of Herbal Products and Secondary Metabolites Used for Management of Type Two Diabetes. Frontiers in Pharmacology, 2017, 8, 436.	1.6	131
326	Gene-Diet Interactions in Type 2 Diabetes: The Chicken and Egg Debate. International Journal of Molecular Sciences, 2017, 18, 1188.	1.8	48
327	Unfolding Novel Mechanisms of Polyphenol Flavonoids for Better Glycaemic Control: Targeting Pancreatic Islet Amyloid Polypeptide (IAPP). Nutrients, 2017, 9, 788.	1.7	28

#	Article	IF	CITATIONS
328	Ameliorating Effects of Bacillus subtilis ANSB060 on Growth Performance, Antioxidant Functions, and Aflatoxin Residues in Ducks Fed Diets Contaminated with Aflatoxins. Toxins, 2017, 9, 1.	1.5	175
329	Extraction, characterization and evaluation of Eruca sativa against streptozotocin-induced diabetic nephropathy in rat. Bangladesh Journal of Pharmacology, 2017, 12, 216-227.	0.1	5
330	Bioactive Components in Moringa Oleifera Leaves Protect against Chronic Disease. Antioxidants, 2017, 6, 91.	2.2	271
331	The Effectiveness of Various Salacca Vinegars as Therapeutic Agent for Management of Hyperglycemia and Dyslipidemia on Diabetic Rats. International Journal of Food Science, 2017, 2017, 1-7.	0.9	8
332	Inhibition of TLR4 protects rat islets against lipopolysaccharide-induced dysfunction. Molecular Medicine Reports, 2017, 15, 805-812.	1.1	12
333	Protein kinase C-δ signaling regulates glucagon secretion from pancreatic islets. Journal of Medical Investigation, 2017, 64, 122-128.	0.2	8
334	Effects of Berberine chloride on the liver of streptozotocin-induced diabetes in albino Wistar rats. Biomedicine and Pharmacotherapy, 2018, 99, 227-236.	2.5	36
335	Antidiabetic and renoprotective effect of Anogeissus acuminata leaf extract on experimentally induced diabetic nephropathy. Journal of Basic and Clinical Physiology and Pharmacology, 2018, 29, 359-364.	0.7	16
336	Balanites aegyptiaca ameliorates insulin secretion and decreases pancreatic apoptosis in diabetic rats: Role of SAPK/JNK pathway. Biomedicine and Pharmacotherapy, 2018, 102, 1084-1091.	2.5	19
337	Insulin- and quercetin-loaded liquid crystalline nanoparticles: implications on oral bioavailability, antidiabetic and antioxidant efficacy. Nanomedicine, 2018, 13, 521-537.	1.7	25
338	Oxyresveratrol prevents lipopolysaccharide/d-galactosamine-induced acute liver injury in mice. International Immunopharmacology, 2018, 56, 105-112.	1.7	37
339	Haemato-protective influence of dietary fenugreek (Trigonella foenum-graecum L.) seeds is potentiated by onion (Allium cepa L.) in streptozotocin-induced diabetic rats. Biomedicine and Pharmacotherapy, 2018, 98, 372-381.	2.5	7
340	New robust sensitive fluorescence spectroscopy coupled with PLSR for estimation of quercetin in Ziziphus mucronata and Ziziphus sativa. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 194, 152-157.	2.0	8
341	Association of NF-E2 Related Factor 2 (Nrf2) and inflammatory cytokines in recent onset Type 2 Diabetes Mellitus. Scientific Reports, 2018, 8, 5126.	1.6	86
342	Protective effects of purple carrot extract (Daucus carota) against rat tongue carcinogenesis induced by 4-nitroquinoline 1-oxide. Medical Oncology, 2018, 35, 54.	1.2	14
343	Evaluation of antioxidant and anticancer activities of chemical constituents of the Saururus chinensis root extracts. Saudi Journal of Biological Sciences, 2018, 25, 1387-1392.	1.8	28
344	Anti-diabetic activity of quercetin extracted from Phyllanthus emblica L. fruit: In silico and in vivo approaches. Journal of Pharmaceutical Analysis, 2018, 8, 109-118.	2.4	101
345	Protective effects of dietary polyphenols from black soybean seed coats on islet and renal function in streptozotocinâ€induced diabetic rats. Journal of the Science of Food and Agriculture, 2018, 98, 2350-2359.	1.7	2

#	Article	IF	Citations
346	Differential Impact of Flavonoids on Redox Modulation, Bioenergetics, and Cell Signaling in Normal and Tumor Cells: A Comprehensive Review. Antioxidants and Redox Signaling, 2018, 29, 1633-1659.	2.5	39
347	Higher dietary total antioxidant capacity is inversely related to prediabetes: A case-control study. Nutrition, 2018, 46, 20-25.	1.1	27
348	Quercetin improves endothelial function in diabetic rats through inhibition of endoplasmic reticulum stress-mediated oxidative stress. European Journal of Pharmacology, 2018, 819, 80-88.	1.7	45
349	Preparation and characterization of hydroxyapatite nanoparticles carrying insulin and gallic acid for insulin oral delivery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 353-364.	1.7	46
350	Comparative evaluation of pancreatic histopathology of rats treated with olanzapine, risperidone and streptozocin. Brazilian Journal of Pharmaceutical Sciences, 2018, 54, .	1.2	4
351	In vivo efficacy of Dialium guineense fruit pulp on hemeoxygenase-1 and angiotensin converting enzyme in experimental diabetes. Journal of Medicinal Plants Research, 2018, 12, 483-492.	0.2	0
352	Antimicrobial and Hepatoprotective Activities of Edible Mushrooms. Fungal Biology, 2018, , 81-113.	0.3	1
353	Puerarin promotes MIN6 cell survival by reducing cellular reactive oxygen species. Molecular Medicine Reports, 2018, 17, 7281-7286.	1.1	5
354	Calorie Restriction Effect of Heat-Processed Onion Extract (ONI) Using In Vitro and In Vivo Animal Models. International Journal of Molecular Sciences, 2018, 19, 874.	1.8	10
355	Natural Products for the Management of Diabetes. Studies in Natural Products Chemistry, 2018, 59, 323-374.	0.8	4
356	Protective effect of wax apple (Syzygium samarangense (Blume) Merr. & Derry) against streptozotocin-induced pancreatic AY-cell damage in diabetic rats. Biomedicine and Pharmacotherapy, 2018, 108, 634-645.	2.5	32
357	Characterization of Apoptosis, Autophagy and Oxidative Stress in Pancreatic Islets Cells and Intestinal Epithelial Cells Isolated from Equine Metabolic Syndrome (EMS) Horses. International Journal of Molecular Sciences, 2018, 19, 3068.	1.8	3
358	Oral formulation of DPP-4 inhibitor plus Quercetin improves metabolic homeostasis in type 1 diabetic rats. Scientific Reports, 2018, 8, 15310.	1.6	7
359	Design, optimization, characterization and in-vivo evaluation of Quercetin enveloped Soluplus®/P407 micelles in diabetes treatment. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, S546-S555.	1.9	42
360	Possible therapeutic potential of berberine in the treatment of STZ plus HFD-induced diabetic osteoporosis. Biomedicine and Pharmacotherapy, 2018, 108, 280-287.	2.5	36
361	Evaluation of the glycemic effect of <i>Ceratonia siliqua </i> pods (Carob) on a streptozotocin-nicotinamide induced diabetic rat model. PeerJ, 2018, 6, e4788.	0.9	26
362	Quercetin induced cell apoptosis and altered gene expression in AGS human gastric cancer cells. Environmental Toxicology, 2018, 33, 1168-1181.	2.1	68
363	In-Vitro Analysis of Glucose and Quercetin Effects on m-TOR and Nrf-2 Expression in HepG2 Cell Line (Diabetes and Cancer Connection). Nutrition and Cancer, 2018, 70, 770-775.	0.9	18

#	Article	IF	CITATIONS
364	In vitro antioxidant activity, \hat{l} ±-glucosidase inhibitory potential and in vivo protective effect of Asparagus stipularis Forssk aqueous extract against high-fructose diet-induced metabolic syndrome in rats. Journal of Functional Foods, 2018, 47, 521-530.	1.6	11
365	Hypoglycaemic and Antioxidant Effects of Propolis of Chihuahua in a Model of Experimental Diabetes. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	0.5	51
366	Dietary Flavonoids in the Prevention of T2D: An Overview. Nutrients, 2018, 10, 438.	1.7	73
367	Antidiabetic and antihyperlipidemic effects of the flower extract of Eriobotrya japonica in streptozotocin-induced diabetic mice and the potential bioactive constituents in vitro. Journal of Functional Foods, 2018, 49, 122-136.	1.6	11
368	Nutraceutical Impact on the Pathophysiology of Diabetes Mellitus., 2018,, 329-341.		0
369	Antidiabetic and hypolipidemic activities of eburicoic acid, a triterpenoid compound from Antrodia camphorata, by regulation of Akt phosphorylation, gluconeogenesis, and PPARα in streptozotocin-induced diabetic mice. RSC Advances, 2018, 8, 20462-20476.	1.7	11
370	Hesperidin, a citrus flavonoid ameliorates hyperglycemia by regulating key enzymes of carbohydrate metabolism in streptozotocin-induced diabetic rats. Toxicology Mechanisms and Methods, 2019, 29, 644-653.	1.3	37
371	Natural Hydrogen Sulfide Donors from Allium sp. as a Nutraceutical Approach in Type 2 Diabetes Prevention and Therapy. Nutrients, 2019, 11, 1581.	1.7	32
372	Phytochemical analysis, cellular antioxidant and \hat{l} ±-glucosidase inhibitory activities of various herb plant organs. Industrial Crops and Products, 2019, 141, 111771.	2.5	21
373	Changes of the stability and bioactivity of quercetin and myricetin in BGC-823 cells in response to heat treatment and Fe2+/Cu2+ addition. Journal of Food Measurement and Characterization, 2019, 13, 3285-3297.	1.6	4
374	Flavonoids and Their Anti-Diabetic Effects: Cellular Mechanisms and Effects to Improve Blood Sugar Levels. Biomolecules, 2019, 9, 430.	1.8	320
375	Evaluation of antidiabetic activity of the ethanol extract of Momordica charantia L. and the identification of charantine by gas chromatography coupled with Mass spectrometry. Journal of Medicinal Plants Research, 2019, 13, 321-328.	0.2	0
376	Antidiabetic and Antihyperlipidemic Effects of Sulphurenic Acid, a Triterpenoid Compound from Antrodia camphorata, in Streptozotocin-Induced Diabetic Mice. International Journal of Molecular Sciences, 2019, 20, 4897.	1.8	14
377	Diosmin Nanocrystal–Loaded Wafers for Treatment of Diabetic Ulcer: InÂVitro and InÂVivo Evaluation. Journal of Pharmaceutical Sciences, 2019, 108, 1857-1871.	1.6	25
378	Flavonoids for preserving pancreatic beta cell survival and function: A mechanistic review. Biomedicine and Pharmacotherapy, 2019, 111, 947-957.	2.5	94
379	Antidiabetic effect of quercetin: A systematic review and meta-analysis of animal studies. Food and Chemical Toxicology, 2019, 125, 494-502.	1.8	108
380	Antioxidant Exploration in Cardamom Rhizome Potential as a Functional Food Ingredient. IOP Conference Series: Earth and Environmental Science, 2019, 217, 012019.	0.2	1
381	Hypolipidemic Action of Medicinal Plant Extracts for Experimental Diabetes Mellitus. Pharmaceutical Chemistry Journal, 2019, 53, 239-242.	0.3	4

#	Article	IF	CITATIONS
382	The protective effect of <i>Satureja bachtiarica</i> hydroalcoholic extract on streptozotocinâ€induced diabetes through modulating glucose transporter 2 and 4 expression and inhibiting oxidative stress. Pharmaceutical Biology, 2019, 57, 318-327.	1.3	13
383	Quercetin Enhances the Function and Reduces Apoptosis of Mouse Islets. Transplantation Proceedings, 2019, 51, 1451-1457.	0.3	2
384	Berberine ameliorates diabetic neuropathic pain in a rat model: involvement of oxidative stress, inflammation, and \hat{l}_{4} -opioid receptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 1141-1149.	1.4	22
385	Flavonoids and Insulin-Resistance: From Molecular Evidences to Clinical Trials. International Journal of Molecular Sciences, 2019, 20, 2061.	1.8	49
386	Chinese Medicine <i>FTZ</i> Recipe Protects against High-Glucose-Induced Beta Cell Injury through Alleviating Oxidative Stress. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-14.	0.5	17
387	Long non-coding RNAs are emerging targets of phytochemicals for cancer and other chronic diseases. Cellular and Molecular Life Sciences, 2019, 76, 1947-1966.	2.4	188
388	Phytochemical composition, antioxidant and in vivo antidiabetic activities of the hydroethanolic extract of Eugenia florida DC. (Myrtaceae) leaves. South African Journal of Botany, 2019, 123, 317-332.	1.2	13
389	Anti-diabetic effect of metformin combined with peanut (Arachis hypogaea L.) on streptozotocin induced diabetic rats. Journal of Bangladesh Society of Physiologists, 2019, 13, 59-67.	0.0	1
390	Curcumin and (â^')- Epigallocatechin-3-Gallate Protect Murine MIN6 Pancreatic Beta-Cells Against Iron Toxicity and Erastin-Induced Ferroptosis. Pharmaceuticals, 2019, 12, 26.	1.7	82
391	The Genus Allium (Amaryllidaceae: Alloideae): Features, Phytoconstituents, and Mechanisms of Antidiabetic Potential of Allium cepa and Allium sativum. , 2019, , 137-154.		10
392	<p>Effect of kiwifruit on metabolic health in patients with cardiovascular risk factors: a systematic review and meta-analysis</p> . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 171-180.	1.1	6
393	Effects of Propolis Extract and Propolis-Derived Compounds on Obesity and Diabetes: Knowledge from Cellular and Animal Models. Molecules, 2019, 24, 4394.	1.7	40
394	Modulating impacts of quercetin/sitagliptin combination on streptozotocin-induced diabetes mellitus in rats. Toxicology and Applied Pharmacology, 2019, 365, 30-40.	1.3	62
395	<i>Anabasis aretioides</i> Coss. & Moq. phenolic compounds exhibit <i>in vitro</i> hypoglycemic, antioxidant and antipathogenic properties. Journal of Basic and Clinical Physiology and Pharmacology, 2019, 30, 251-257.	0.7	4
396	Histochemistry, phenolic content, antioxidant, and anti-diabetic activities of Vernonia amygdalinaleaf extract. Journal of Food Biochemistry, 2019, 43, e12737.	1.2	21
397	Targeting Type 1 Diabetes: Selective Approaches for New Therapies. Biochemistry, 2019, 58, 214-233.	1.2	16
398	Flavonoids Alleviating Insulin Resistance through Inhibition of Inflammatory Signaling. Journal of Agricultural and Food Chemistry, 2019, 67, 5361-5373.	2.4	39
399	A Natural Phenolic Compound Quercetin Showed the Usefulness by Targeting Inflammatory, Oxidative Stress Markers and Augment 5-HT Levels in One of the Animal Models of Depression in Mice. Drug Research, 2019, 69, 392-400.	0.7	36

#	Article	IF	CITATIONS
400	Induction of superoxide anion radical-scavenging capacity in an argan press cake-suspension by fermentation using Lactobacillus plantarum Argan-L1. LWT - Food Science and Technology, 2019, 100, 56-61.	2.5	12
401	The nutraceutical potential of <i>Lepidium sativum L. </i> seed flavonoid-rich extract in managing metabolic syndrome components. Journal of Food Biochemistry, 2019, 43, e12725.	1.2	11
402	The role of flavonoids in autoimmune diseases: Therapeutic updates., 2019, 194, 107-131.		113
403	Mitigating effects of antioxidant properties of <i> Artemisia herba alba </i> aqueous extract on hyperlipidemia and oxidative damage in alloxan-induced diabetic rats. Archives of Physiology and Biochemistry, 2019, 125, 163-173.	1.0	22
404	Galangin controls streptozotocin-caused glucose homeostasis and reverses glycolytic and gluconeogenic enzyme changes in rats. Archives of Physiology and Biochemistry, 2020, 126, 101-106.	1.0	11
405	The genus Tamarix: Traditional uses, phytochemistry, and pharmacology. Journal of Ethnopharmacology, 2020, 246, 112245.	2.0	39
406	The neuroprotective effect and action mechanism of polyphenols in diabetes mellitus-related cognitive dysfunction. European Journal of Nutrition, 2020, 59, 1295-1311.	1.8	25
407	Dietary plant flavonoids in prevention of obesity and diabetes. Advances in Protein Chemistry and Structural Biology, 2020, 120, 159-235.	1.0	62
408	Quercetin modulates hyperglycemia by improving the pancreatic antioxidant status and enzymes activities linked with glucose metabolism in type 2 diabetes model of rats: In silico studies of molecular interaction of quercetin with hexokinase and catalase. Journal of Food Biochemistry, 2020, 44, e13127.	1.2	15
409	Potential of Moringa oleifera to Improve Glucose Control for the Prevention of Diabetes and Related Metabolic Alterations: A Systematic Review of Animal and Human Studies. Nutrients, 2020, 12, 2050.	1.7	35
410	Dietary supplementation of Bacillus subtilis PB6 improves sow reproductive performance and reduces piglet birth intervals. Animal Nutrition, 2020, 6, 278-287.	2.1	34
411	A Novel Promising Frontier for Human Health: The Beneficial Effects of Nutraceuticals in Cardiovascular Diseases. International Journal of Molecular Sciences, 2020, 21, 8706.	1.8	32
412	Two responses to MeJA induction of R2R3-MYB transcription factors regulate flavonoid accumulation in Glycyrrhiza uralensis Fisch. PLoS ONE, 2020, 15, e0236565.	1.1	23
413	Therapeutic effects of different doses of prebiotic (isolated from Saccharomyces cerevisiae) in comparison to n-3 supplement on glycemic control, lipid profiles and immunological response in diabetic rats. Diabetology and Metabolic Syndrome, 2020, 12, 69.	1.2	9
414	Dietary Total Antioxidant Capacity and Gestational Diabetes Mellitus: A Case-Control Study. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-9.	1.9	12
415	Mechanism of antidiabetic effects of Plicosepalus Acaciae flower in streptozotocin-induced type 2 diabetic rats, as complementary and alternative therapy. BMC Complementary Medicine and Therapies, 2020, 29, 290.	1.2	10
416	A Review on Oxidative Stress, Diabetic Complications, and the Roles of Honey Polyphenols. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-16.	1.9	45
417	New insights into the <i>inÂvitro</i> , <i>in situ</i> and <i>inÂvivo</i> antihyperglycemic mechanisms of gallic acid and <i>p</i> -coumaric acid. Archives of Physiology and Biochemistry, 2022, 128, 1188-1194.	1.0	16

#	Article	IF	Citations
418	Protective Impacts of Moringa oleifera Leaf Extract against Methotrexate-Induced Oxidative Stress and Apoptosis on Mouse Spleen. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-13.	0.5	7
419	Dhanwantaram kashayam, an Ayurvedic polyherbal formulation, reduces oxidative radicals and reverts lipids profile towards normal in diabetic rats. Biochemistry and Biophysics Reports, 2020, 22, 100755.	0.7	9
420	Protective and therapeutic effects of Phoenix dactylifera leaf extract on pancreatic \hat{l}^2 -cells and diabetic parameters in streptozotocin-induced diabetic rats. Comparative Clinical Pathology, 2020, 29, 847-854.	0.3	5
421	Antidiabetic effect of Equisetum giganteum L. extract on alloxan-diabetic rabbit. Journal of Ethnopharmacology, 2020, 260, 112898.	2.0	12
422	The Potential of Anti-Diabetic RÄkau RongoÄ•(MÄøri Herbal Medicine) to Treat Type 2 Diabetes Mellitus (T2DM) Mate Huka: A Review. Frontiers in Pharmacology, 2020, 11, 935.	1.6	6
423	The evaluation of early stage oxidative status in streptozotocin induced diabetes in rats. Archives of Physiology and Biochemistry, 2022, 128, 1474-1478.	1.0	1
425	Leptin and Nutrition in Gestational Diabetes. Nutrients, 2020, 12, 1970.	1.7	45
426	New combination therapy of gliclazide and quercetin for protection against STZ-induced diabetic rats. Life Sciences, 2020, 247, 117458.	2.0	16
427	Advanced Research on the Antioxidant Activity and Mechanism of Polyphenols from Hippophae Species—A Review. Molecules, 2020, 25, 917.	1.7	77
428	The Effects and Mechanism of Quercetin Dietary Supplementation in Streptozotocin-Induced Hyperglycemic Arbor Acre Broilers. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	1.9	25
429	Antioxidant and Anti-Proliferative Properties of Hagenia abyssinica Roots and Their Potentially Active Components. Antioxidants, 2020, 9, 143.	2.2	19
430	6-Methoxyflavanone abates cisplatin-induced neuropathic pain apropos anti-inflammatory mechanisms: A behavioral and molecular simulation study. European Journal of Pharmacology, 2020, 872, 172972.	1.7	27
431	Hydroalcoholic extract of Achillea millefolium improved blood glucose, liver enzymes and lipid profile compared to metformin in streptozotocin-induced diabetic rats. Lipids in Health and Disease, 2020, 19, 81.	1.2	15
432	Tropisetron improves pancreas function and increases insulin synthesis and secretion in the STZ-induced diabetic rats: involvement of UCP2/ZnT8 pathway. Journal of Pharmacy and Pharmacology, 2020, 72, 1082-1091.	1.2	9
433	Microencapsulation as a tool to counteract the typical low bioavailability of polyphenols in the management of diabetes. Food and Chemical Toxicology, 2020, 139, 111248.	1.8	54
434	Anti-hyperglycemic activity of myricetin, through inhibition of DPP-4 and enhanced GLP-1 levels, is attenuated by co-ingestion with lectin-rich protein. PLoS ONE, 2020, 15, e0231543.	1.1	26
435	Effect of dapagliflozin alone and in combination with insulin in a rat model of type 1 diabetes. Journal of Veterinary Medical Science, 2020, 82, 467-474.	0.3	10
436	Hypoglycemic polysaccharides from Auricularia auricula and Auricularia polytricha inhibit oxidative stress, NF-ΰB signaling and proinflammatory cytokine production in streptozotocin-induced diabetic mice. Food Science and Human Wellness, 2021, 10, 87-93.	2.2	38

#	ARTICLE	IF	CITATIONS
437	Semi-modified okara whey diet increased insulin secretion in diabetic rats fed a basal or high fat diet. Food Science and Biotechnology, 2021, 30, 107-116.	1.2	7
438	Polyherbal mixture ameliorates hyperglycemia, hyperlipidemia and histopathological changes of pancreas, kidney and liver in a rat model of type 1 diabetes. Journal of Ethnopharmacology, 2021, 265, 113210.	2.0	32
439	Polydatin mitigates pancreatic \hat{l}^2 -cell damage through its antioxidant activity. Biomedicine and Pharmacotherapy, 2021, 133, 111027.	2.5	12
440	In vitro and in vivo antidiabetic activity of Tamarix stricta Boiss.: Role of autophagy. Journal of Ethnopharmacology, 2021, 269, 113692.	2.0	7
442	Science-Led Innovation for Searching and Creating Values in Natural Gene Pool of Millets for Agri-Food Nutrition and Health., 2021,, 219-237.		3
443	The Role of Heat Shock Proteins in Type 1 Diabetes. Frontiers in Immunology, 2020, 11, 612584.	2.2	10
444	Anti-diabetic Role of Adropin in Streptozotocin Induced Diabetic Rats via Alteration of PI3K/Akt and Insulin Signaling Pathway. Journal of Oleo Science, 2021, 70, 657-664.	0.6	7
445	Antidiabetic Activity of Widely Used Medicinal Plants in the Sri Lankan Traditional Healthcare System: New Insight to Medicinal Flora in Sri Lanka. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	0.5	13
446	Potential of Natural Bioactive Compounds in Management of Diabetes: Review of Preclinical and Clinical Evidence. Current Pharmacology Reports, 2021, 7, 107-122.	1.5	5
447	INVESTIGATION OF THE EFFECT OF BLACK SEED OIL ON DIABETES-INDUCED - TESTICULAR DAMAGE: A HISTOPATHOLOGICAL STUDY. , 2021, , 29-31.		0
448	Bee Bread Can Alleviate Lipid Abnormalities and Impaired Bone Morphology in Obese Zucker Diabetic Rats. Molecules, 2021, 26, 2616.	1.7	10
449	Signalling and putative therapeutic molecules on the regulation of synoviocyte signalling in rheumatoid arthritis. Bone and Joint Research, 2021, 10, 285-297.	1.3	10
450	Effects of Quercetin and Coenzyme Q10 on Biochemical, Molecular, and Morphological Parameters of Skeletal Muscle in Trained Diabetic Rats. Current Molecular Pharmacology, 2021, 15, 239-251.	0.7	2
451	Vernonia amygdalina stimulates muscle glucose uptake and modulates redox activities and functional chemistry in oxidative hepatic injury. Journal of Food Biochemistry, 2021, , e13794.	1.2	2
452	Effects of cisplatin and acacetin on total antioxidant status, apoptosis and expression of $\langle i \rangle$ OCTN3 $\langle i \rangle$ in mouse testis. Biotechnic and Histochemistry, 2022, 97, 185-191.	0.7	5
453	Quality Characteristics and Antioxidant Activity of Rye Cookies Supplemented with Sea Buckthorn Leaf Powder. Journal of the Korean Society of Food Science and Nutrition, 2021, 50, 464-475.	0.2	7
454	Higher dietary total antioxidant capacity (TAC) reduces the risk of cardio-metabolic risk factors among adults: An updated systematic review and meta-analysis. International Journal for Vitamin and Nutrition Research, 2021, , 1-15.	0.6	1
455	Essential Oils Downregulate Pro-Inflammatory Cytokines and Nitric Oxide-Mediated Oxidative Stress in Alloxan-Induced Diabetogenic Rats. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2021, 21, 756-767.	0.6	1

#	Article	IF	CITATIONS
456	A review of dietary phytochemicals and their relation to oxidative stress and human diseases. Chemosphere, 2021, 271, 129499.	4.2	69
457	The Use of Natural Compounds as a Strategy to Counteract Oxidative Stress in Animal Models of Diabetes Mellitus. International Journal of Molecular Sciences, 2021, 22, 7009.	1.8	13
458	Dietary phytochemicals modulate intestinal epithelial barrier dysfunction and autoimmune diseases. Food Frontiers, 2021, 2, 357-382.	3.7	31
459	Progress towards a molecular-level understanding of Curcuma alismatifolia. European Journal of Horticultural Science, 2021, 86, 328-334.	0.3	4
460	Quercetin improves oxidative stress-induced pancreatic beta cell alterations via mTOR-signaling. Molecular and Cellular Biochemistry, 2021, 476, 3879-3887.	1.4	14
461	Moringa oleifera Lam. in Diabetes Mellitus: A Systematic Review and Meta-Analysis. Molecules, 2021, 26, 3513.	1.7	12
462	Study on the Antianxiety Mechanism of Suanzaoren Decoction Based on Network Pharmacology and Molecular Docking. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-28.	0.5	0
463	Regulatory effects of quercetin on testicular histopathology induced by cyanide in Wistar rats. Heliyon, 2021, 7, e07662.	1.4	5
464	Establishment of long-term high-fat diet and low dose streptozotocin-induced experimental type-2 diabetes mellitus model of insulin resistance and evaluation of seed extracts of Syzygium cumini. Journal of HerbMed Pharmacology, 2021, 10, 331-338.	0.4	3
465	Fruit and vegetable consumption and the risk of type 2 diabetes: a systematic review and doseâ€"response meta-analysis of prospective studies. BMJ Nutrition, Prevention and Health, 2021, 4, 519-531.	1.9	47
466	Botanical Interventions to Improve Glucose Control and Options for Diabetes Therapy. SN Comprehensive Clinical Medicine, 2021, 3, 2465-2491.	0.3	5
467	Quercetin delivery characteristics of chitosan nanoparticles prepared with different molecular weight polyanion cross-linkers. Carbohydrate Polymers, 2021, 267, 118157.	5.1	19
468	Propolis and Its Gastroprotective Effects on NSAID-Induced Gastric Ulcer Disease: A Systematic Review. Nutrients, 2021, 13, 3169.	1.7	12
469	Moroccan antidiabetic medicinal plants: Ethnobotanical studies, phytochemical bioactive compounds, preclinical investigations, toxicological validations and clinical evidences; challenges, guidance and perspectives for future management of diabetes worldwide. Trends in Food Science and Technology, 2021, 115, 147-254.	7.8	53
470	KCNQ Potassium Channels as Targets of Botanical Folk Medicines. Annual Review of Pharmacology and Toxicology, 2022, 62, 447-464.	4.2	14
471	Ethnobotanical, phytochemical, toxicology and anti-diabetic potential of Senna occidentalis (L.) link; A review. Journal of Ethnopharmacology, 2022, 283, 114663.	2.0	7
472	Natural Polyphenols as Modulators of the Fibrillization of Islet Amyloid Polypeptide. Advances in Experimental Medicine and Biology, 2020, 1250, 159-176.	0.8	4
473	Green synthesis of gold nanoparticle using Eclipta alba and its antidiabetic activities through regulation of Bcl-2 expression in pancreatic cell line. Journal of Drug Delivery Science and Technology, 2020, 58, 101786.	1.4	30

#	Article	IF	CITATIONS
474	Optimization of fermentation conditions Protaetia brevitarsis seulensis larvae using Bacillus subtilis. Korean Journal of Food Preservation, 2019, 26, 123-133.	0.2	1
475	Antidiabetic and Hypolipidemic Effects of 5,7-Dimethoxyflavone in Streptozotocin-Induced Diabetic Rats. Medical Science Monitor, 2019, 25, 9893-9901.	0.5	3
476	Effects of Quercetin and Genistein on Boar Sperm Characteristics and Porcine IVF Embyo Developments. Journal of Animal Reproduciton and Biotechnology, 2014, 29, 141-148.	0.3	13
477	Pharmacological and Antioxidant Actions of Garlic and - or Onion in Non Alcoholic Fatty Liver Disease (Nafld) in Rats. Journal of the Egyptian Society of Parasitology, 2014, 44, 295-308.	0.1	28
478	Dracaena arborea leaf extract: A phytotherapeutic option for ameliorating oxidative stress-mediated endocrine and testicular disorders in alloxan-induced diabetic rats. Journal of Coastal Life Medicine, 2015, 3, 809-814.	0.2	1
479	(â^')-Epicatechin-3-O-β-D-allopyranoside from Davallia formosana prevents diabetes and dyslipidemia in streptozotocin-induced diabetic mice. PLoS ONE, 2017, 12, e0173984.	1.1	18
480	Antidiabetic Principles, Phospholipids And Fixed Oil of Kodo Millet (Paspalum scrobiculatum Linn.). Indian Journal of Applied Research, 2011, 4, 13-15.	0.0	8
481	Anti-Diabetic Activity of Dried Moringa Oleifera Leaves in Normal and Streptozotocin (Stz)-Induced Diabetic Male Rats. Indian Journal of Applied Research, 2011, 3, 18-23.	0.0	7
482	Polyphenol-Based Design of Functional Olive Leaf Infusions. Food Technology and Biotechnology, 2019, 57, 171-182.	0.9	11
483	Jabuticaba (Myrciaria jaboticaba (Vell.) O. Berg) peel powder produced by convective drying process: a rich anthocyanin product. Fruits, 2018, 73, 201-208.	0.3	17
484	Polyphenols: Potential Future Arsenals in the Treatment of Diabetes. Current Pharmaceutical Design, 2016, 22, 549-565.	0.9	54
485	Natural Products Derived from the Mediterranean Diet with Antidiabetic Activity: from Insulin Mimetic Hypoglycemic to Nutriepigenetic Modulator Compounds. Current Pharmaceutical Design, 2019, 25, 1760-1782.	0.9	8
486	Flavonoids as Potential Therapeutic Agents for the Management of Diabetic Neuropathy. Current Pharmaceutical Design, 2020, 26, 5468-5487.	0.9	11
487	Beneficial Effects of Quercetin on Obesity and Diabetes. The Open Nutraceuticals Journal, 2011, 4, 189-198.	0.2	147
488	Evaluation of Antidiabetic and Antioxidant Effects of Seabuckthorn (Hippophae rhamnoides L.) in Streptozotocin-Nicotinamide Induced Diabetic Rats. The Open Conference Proceedings Journal, 2011, 5, 53-58.	0.6	17
489	Structure-activity relationships of preventive effects of flavonoids in alloxan-induced diabetes mellitus in rats. Journal of Animal and Feed Sciences, 2008, 17, 411-421.	0.4	12
490	Inhibition of the hepatic glucose output is responsible for the hypoglycemic effect of Crataegus aronia against type 2 diabetes mellitus in rats. Archives of Biological Sciences, 2018, 70, 277-287.	0.2	7
491	Effects of quercetin and vitamin E on ovariectomy-induced oxidative stress in rat serum and tibia. Archives of Biological Sciences, 2020, 72, 95-104.	0.2	3

#	Article	IF	CITATIONS
492	Preventive Effects of Flavonoids on Alloxan-Induced Diabetes Mellitus in Rats. Acta Veterinaria Brno, 2008, 77, 175-182.	0.2	41
493	Hypoglycemic and Hypolipidemic Effects of Myrtus communis, Trachyspermum copticum and Ferula gummosa Essential Oils on Streptozotocin Induced Diabetic Rats. Nutrition and Food Sciences Research, 2019, 6, 1-8.	0.3	5
494	Pioglitazone, extract of compound Danshen dripping pill, and quercetin ameliorate diabetic nephropathy in diabetic rats. Journal of Endocrinological Investigation, 2013, 36, 422-7.	1.8	21
495	Biomedical Properties of Propolis on Diverse Chronic Diseases and Its Potential Applications and Health Benefits. Nutrients, 2021, 13, 78.	1.7	35
496	Effects of Leaf Extract of Urtica pilulifera L. on Male Reproductive System of Streptozotocin-Diabetic Rats. American Journal of Pharmacology and Toxicology, 2009, 4, 22-28.	0.7	9
497	Protective Effect of Solanum surattense Leaf-Extract on Blood Glucose, Oxidative Stress and Hepatic Marker Enzymes in STZ-Diabetic Rats. Asian Journal of Biochemistry, 2007, 2, 247-255.	0.5	5
498	Effects of 7-Hydroxy-2-(4-hydroxy-3-methoxyphenyl)-chromen-4 -one from Swietenia macrophylla King Seed on Oxidized LDL, HOMA Beta and Glucagon like Peptide 1 (GLP-1) Gene Expression in Type 2 Diabetic Rats. Asian Journal of Biochemistry, 2017, 12, 85-90.	0.5	2
499	Antidiabetic, Antihyperlipidemic and Antioxidant Effects of Artemisia herba alba Extract on Experimental Diabetes. International Journal of Pharmacology, 2015, 11, 552-560.	0.1	5
500	Effects of Extract of Green Tea and Ginseng on Pancreatic Beta Cells and Levels of Serum Glucose, Insulin, Cholesterol and Triglycerides in Rats with Experimentally Streptozotocin-Induced Diabetes: A Histochemical and Immunohistochemical Study. Journal of Animal and Veterinary Advances, 2010, 9, 102-107.	0.1	22
501	Antihyperglycemic Effect of Solanum surattense Leaf-Extract in Streptozotocin Induced Diabetic Rats. Journal of Pharmacology and Toxicology, 2007, 2, 621-629.	0.4	7
502	Protective Role of Melatonin in Streptozotocin Induced Pancreatic Damages in Diabetic Wistar Rat. Pakistan Journal of Biological Sciences, 2018, 21, 423-431.	0.2	9
503	Protective effects of a wheat germ rich diet against the toxic influence of profenofos on rat tissue lipids and oxidative pentose phosphate shunt enzymes. Grasas Y Aceites, 2011, 62, 344-352.	0.3	5
504	Identification of 5-Hydroxy-3,6,7,8,3´,4´-Hexamethoxyflavone from Hizikia fusiforme Involved in the Induction of the Apoptosis Mediators in Human AGS Carcinoma Cells. Journal of Microbiology and Biotechnology, 2012, 22, 1665-1672.	0.9	7
505	Free radical scavenging activity of (i) Calotropis (i) (i) gigantea (i) on streptozotocin-induced diabetic rats. Indian Journal of Pharmaceutical Sciences, 2009, 71, 615.	1.0	26
506	Antidiabetic and antioxidant activity of Rhizophora mucronata leaves (Indian sundarban mangrove): An in vitro and in vivo study. AYU: an International Quarterly Journal of Research in Ayurveda, 2016, 37, 76.	0.3	13
507	The effects of hesperidin and quercetin on serum tumor necrosis factor-alpha and interleukin-6 levels in streptozotocin-induced diabetes model. Pharmacognosy Magazine, 2018, 14, 167.	0.3	37
508	Effects of Quercetin Administration on the Pregnancy Outcome of Diabetic Rats. Journal of Diabetes & Metabolism, 2012, 03, .	0.2	4
509	The Effect of Metformin versus Vitamin E on the Testis of Adult Diabetic Albino Rats: Histological, Biochemical and Immunohistochemistry Study. Advances in Reproductive Sciences, 2018, 06, 113-132.	0.3	5

#	Article	IF	CITATIONS
510	Effects of Indole-3-Carbinol and Flavonoids Administered Separately and in Combination on Nitric Oxide Production and iNOS Expression in Rats. Chinese Medicine, 2010, 01, 5-17.	1.0	3
511	Isolated Soy Protein-Based Diet Ameliorates Glycemia and Antioxidants Enzyme Activities in Streptozotocin-Induced Diabetes. Food and Nutrition Sciences (Print), 2014, 05, 2089-2096.	0.2	4
512	The antioxidative effects of some medicinal plants as hypoglycemic agents on chromosomal aberration and abnormal nucleic acids metabolism produced by diabetes stress in male adult albino rats. Journal of Diabetes Mellitus, 2011, 01, 6-14.	0.1	11
513	Searching for anti-hyperglycemic phytomolecules of Tecoma stans. European Journal of Chemistry, 2016, 7, 397-404.	0.3	17
514	Effect of Oenanthe javanica Ethanolic Extracts on Antioxidant Activity and Melanogenesis in Melanoma Cells. Journal of Life Science, 2013, 23, 1428-1435.	0.2	3
515	Effect of compounds isolated from Filicium decipiens and Ventilago madraspatana against diabetic nephropathy in streptozotocin induced diabetic rats. Indian Journal of Pharmaceutical Education and Research, 2015, 49, 146-151.	0.3	7
516	Hypoglycemic Effect of Combination of Azadirachta indica A. Juss. and Gynura procumbens (Lour.) Merr. Ethanolic Extracts Standardized by Rutin and Quercetin in Alloxan-induced Hyperglycemic Rats. Advanced Pharmaceutical Bulletin, 2014, 4, 613-8.	0.6	28
517	Protective Effect of Quercetin on Morphological and Histometrical Changes of Placenta in Streptozotocin-Induced Diabetic Rat. Zahedan Journal of Researches in Medical Sciences, 2019, 22, .	0.1	1
518	Pistacia atlantica's effect on ovary damage and oxidative stress in streptozotocin-induced diabetic rats. Jornal Brasileiro De Reproducao Assistida, 2020, 25, 28-33.	0.3	5
519	Onion peel extracts ameliorate oxidative stress in streptozotocin-induced diabetic rats. Serbian Journal of Experimental and Clinical Research, 2013, 14, 101-108.	0.2	4
520	Contents of Phenolic Compounds and trans-Resveratrol in Different Parts of Korean New Grape Cultivars. Korean Journal of Food Science and Technology, 2013, 45, 708-713.	0.0	13
521	Antioxidant Potential of Quercetin: Remarkable Protection against Hypercholesterolemia in Rats. British Journal of Medicine and Medical Research, 2014, 4, 4382-4391.	0.2	4
522	Hypoglycemic and hypolipidaemic effects of some common plants extract in Type 2 diabetic patients at Eldabba area (North Sudan) IOSR Journal of Pharmacy and Biological Sciences, 2013, 8, 38-43.	0.1	3
523	Trigonella foenum-graecum and Its Bioactive Compounds Having Potential Antidiabetic Activity. , 2021, , 447-480.		1
524	Quercetin decreases sterile inflammation proteins NLRP3 and caspase 1 in clone-9 cell line damaged by hydrogen peroxide. Rendiconti Lincei, 2021, 32, 911-919.	1.0	2
526	Comparative Study of the Protective Effects of Taurine and Melatonin on Cytochrome P450 2E1 and some Oxidative Stress Markers in Streptozotocin-induced Diabetic Rats. Bulletin of Egyptian Society for Physiological Sciences, 2010, 30, 165-182.	0.0	0
527	Chromosomal aberrations and nucleic acids systems affected by some Egyptian medicinal plants used in treating female pregnant diabetic rats. American Journal of Molecular Biology, 2011, 01, 26-32.	0.1	4
529	Modulating effects of quercetin on aldehyde oxidase (OX-LDL) and hepatocytes injury in Streptozotocin-induced diabetic rat. Journal of Cell and Animal Biology, 2012, 6, .	0.2	0

#	Article	IF	CITATIONS
530	EVALUATION OF ANTIDIABETIC, ANTIHYPERLIPIDEMIC AND ANTIOXIDANT ACTIVITIES OF THE METHANOLIC EXTRACT OF Bauhinia variegata AND Enterolobium cyclocarpum LEAVES IN STREPTOZOTOCIN DIABETIC RATS. Journal of Agricultural Chemistry and Biotechnology, 2012, 3, 261-275.	0.0	0
531	Hypoglycemic and Hypolipidemic Effects of Orostachys japonicus with Medicinal Herbs in Streptozotocin-Induced Diabetic Rats. Journal of the Korean Society of Food Science and Nutrition, 2013, 42, 587-594.	0.2	6
532	Quercetin Uygulamasının Egzersiz, Serbest Radikal Ve Antioksidan Enzim Düzeyleri Üzerine Etkisi. International Journal of Science Culture and Sport, 2014, 2, 775-775.	0.1	1
533	Free Radicals and Islet Function. , 2014, , 3339-3360.		0
534	Effect of hydroalcoholic extract of Echium amoenum on glycemic control and body weight of streptozotocin-induced diabetic male Rats. Pars of Jahrom University of Medical Sciences, 2015, 13, 37-44.	0.1	0
535	KANDUNGAN FLAVONOID, TOTAL FENOL, DAN ANTIOKSIDAN SNACK BAR SORGUM SEBAGAI ALTERNATIF MAKANAN SELINGAN PENDERITA DIABETES MELLITUS TIPE 2. Journal of Nutrition College, 2015, 4, 342-349.	0.1	2
536	In vitro α-amylase Inhibitory Effect and Antioxidant Activity of Teucrium barbeyanum (A Libyan Ayurvedic) Tj ETQo	10,0,0 rgB	T Overlock 1
538	Ø¥Ø¶Ø§ÙØ© المستخلصات النØ"اتية الى کرات اللØÈ… الØ"	ùøaù‰	ÙgÙØ¹Ø§l
540	Anti diabetic potential of some selected traditionally used Medicinal Plants in Western Ghats of India w.s.r to Prameha. International Journal of Ayurvedic and Herbal Medicine, 0, , .	0.0	1
541	Protective Effects of Quercetin on Hyperglycemia and Stress Proteins Expression in Rats with Streptozocin-Induced Diabetes. MurÄqibat/hÄ•yi NuvÄ«n, 2018, 15, .	0.3	4
542	تأثير بعض النÙ^اتج الثانÙ^ية للصناعات الغذائية) Ø !��,È%	ℴὺℳℊℊℴ
543	Comparative Study of Different Solvents Extract of Persea americana Leaf on Alloxan Induced Hyperglycemic Rats. Asian Journal of Biological Sciences, 2018, 12, 67-72.	0.2	3
544	Emerging Roles of Nutraceuticals from Selected Fermented Foods in Lifestyle-Related Disease Prevention. , 2020, , 479-488.		0
545	Ø⁻راسات کميائية Ù^تغذÙ^ية على مستخلصات المنتجØ	اØ⊕اÙ,	,ø«Ø§Ù†Ù°Ù
546	Effects of the administration of brewed Robusta coffee leaves on total antioxidant status in rats with high-fat, high-fructose diet-induced metabolic syndrome. Potravinarstvo, 0, 14, 258-263.	0.5	3
547	The Possible Protective Effect of Selenium on Pancreas of Adult Male Albino Rats Treated with Bleomycin Sulfate. The Egyptian Journal of Hospital Medicine, 2020, 80, 1035-1043.	0.0	0
548	In Vitro Antioxidant Properties, Glucose-Diffusion Effects, α-Amylase Inhibitory Activity, and Antidiabetogenic Effects of C. Europaea Extracts in Experimental Animals. Antioxidants, 2021, 10, 1747.	2.2	6
549	Achillea arabica Kotschy. Liyolifilize Etanolik Ekstresinin Streptozotosin ile Diyabet OluÅŸturulan Ratların Adacık β Hücreleri Üzerindeki Koruyucu Etkileri. KahramanmaraÅŸ SütÃsü İmam Üniversi Ve DoÄŸa Dergisi, 0, , .	it e s⊉Tarı	:n 3

#	Article	IF	CITATIONS
550	Ameliorative effects of Allium cepa Linn. scaly leaves extract on reproductive dysfunctions in streptozotocin-induced diabetic Wistar rats. Journal of Istanbul Veterinary Sciences, 2020, 4, 136-144.	0.3	O
551	Effect of Quercetin on filiform and fungiform papillae of the tongue of albino rats with induced diabetes. Egyptian Dental Journal, 2020, 66, 197-211.	0.1	2
552	Polyphenols and Flavonoids from Honey: A Special Focus on Diabetes. , 2020, , 1-20.		2
553	Cytoprotective Effect by Antioxidant Activity of Quercetin in INS-1 Cell Line. The Journal of Korean Diabetes Association, 2007, 31, 383.	0.1	0
554	Hypoglycemic, antidyslipidemic, and antioxidant activities of methanol extract of Struchium sparganophora leaves in alloxan-induced oxidative stress-mediated diabetes in rats. Future Journal of Pharmaceutical Sciences, 2020, 6, .	1.1	1
555	Alpha lipoic Acid prevents pancreatic islet cells damage and dyslipidemia in streptozotocin-induced diabetic rats. The Malaysian Journal of Medical Sciences, 2007, 14, 47-53.	0.3	7
556	Effects of supplementation on blood lipids, hepatic enzymes and nitric oxide levels in type 2 diabetic patients: A double blind, randomized clinical trial. Avicenna Journal of Phytomedicine, 2016, 6, 686-695.	0.1	13
557	rhizomes possess anti-hypertriglyceridemic, but not hypoglycemic or hepatoprotective effect in experimental diabetes. Avicenna Journal of Phytomedicine, 2017, 7, 1-9.	0.1	15
558	Study of the Antidiabetic Activity of Fruits Aqueous Extract on the Alloxan-Diabetic Wistar Rats. Iranian Journal of Pharmaceutical Research, 2019, 18, 358-368.	0.3	15
559	Antidiabetes effect of Noni Fruit (Morinda citrifolia L.) on mice with Oral Glucose Tolerance Method and Streptozotocin Induction Method. Research Journal of Pharmacy and Technology, 2021, , 5067-5071.	0.2	2
560	Efficacy of flavonoids on biomarkers of type 2 diabetes mellitus: a systematic review and meta-analysis of randomized controlled trials. Critical Reviews in Food Science and Nutrition, 2023, 63, 4916-4941.	5.4	8
561	Self-nanoemulsifying composition containing curcumin, quercetin, Ganoderma lucidum extract powder and probiotics for effective treatment of type 2 diabetes mellitus in streptozotocin induced rats. International Journal of Pharmaceutics, 2022, 612, 121306.	2.6	20
562	Synergistic growth-inhibition effect of quercetin and N-Acetyl-L-cysteine against HepG2 cells relying on the improvement of quercetin stability. Food Chemistry, 2022, 374, 131729.	4.2	1
563	In vitro and in vivo antidiabetic activity, isolation of flavonoids, and in silico molecular docking of stem extract of Merremia tridentata (L.). Biomedicine and Pharmacotherapy, 2022, 146, 112611.	2.5	21
564	Quercetin for managing type 2 diabetes and its complications, an insight into multitarget therapy. Biomedicine and Pharmacotherapy, 2022, 146, 112560.	2.5	58
565	Flavonoids: Biosynthesis, Metabolism, Mechanism of Antioxidation and Clinical Implications: A Review. Agricultural Reviews, 2020, 41, .	0.1	1
566	In vivo antidiabetic activity of qwueous extract of Artemisia argyi (Chinese mugwort) in alloxan-induced diabetic rats. Tropical Journal of Pharmaceutical Research, 2020, 19, 1487-1493.	0.2	4
567	Mechanistic Insight into Oxidative Stress-Triggered Signaling Pathways and Type 2 Diabetes. Molecules, 2022, 27, 950.	1.7	97

#	Article	IF	CITATIONS
568	Effects of Isorhamnetin on Diabetes and Its Associated Complications: A Review of In Vitro and In Vivo Studies and a Post Hoc Transcriptome Analysis of Involved Molecular Pathways. International Journal of Molecular Sciences, 2022, 23, 704.	1.8	24
569	Acceleration of wound healing by quercetin in diabetic rats requires mitigation of oxidative stress and stimulation of the proliferative phase. Biotechnic and Histochemistry, 2022, 97, 461-472.	0.7	5
570	METABOLIC EFFECTS OF Î'-GLUCANS (SACCHAROMYCES CEREVISAE) PER OS ADMINISTRATION IN RATS WITH STREPTOZOTOCIN-INDUCED DIABETES. Nutricion Hospitalaria, 2015, 32, 256-64.	0.2	14
571	Mechanisms Underlying the Antidiabetic Activities of Polyphenolic Compounds: A Review. Frontiers in Pharmacology, 2021, 12, 798329.	1.6	25
572	<i>In Vitro</i> and <i>In Vivo</i> Antidiabetic Activity, Isolation of Flavonoids, and <i>In Silico</i> Molecular Docking of Stem Extract of <i>Merremia tridentata</i> (L.). SSRN Electronic Journal, 0, , .	0.4	0
573	The effects of thymoquinone and quercetin on the toxicity of acrylamide in rat glioma cells. Journal of Biochemical and Molecular Toxicology, 2022, 36, e22992.	1.4	9
574	Therapeutic Potential of Silybum Marianum and Pergularia Tomentosa Extracts from Jordanian Origin in Diabetes Mellitus. Current Bioactive Compounds, 2022, $18, \ldots$	0.2	3
575	State of the Art and Future Implications of SH003: Acting as a Therapeutic Anticancer Agent. Cancers, 2022, 14, 1089.	1.7	7
576	The Role of Nutraceutical Containing Polyphenols in Diabetes Prevention. Metabolites, 2022, 12, 184.	1.3	18
577	Exploration of stabilization mechanism of polyol-in-oil-in-water quercetin-loaded Pickering double emulsions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 646, 128820.	2.3	1
578	Hepatoprotective Effect of Actinidia deliciosa against Streptozotocin-Induced Oxidative Stress, Apoptosis, and Inflammations in Rats. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-11.	1.9	8
579	Investigation of the effects of eugenol and quercetin on bone loss in STZ-NA induced diabetic rats utilizing micro CT. Journal of Diabetes and Metabolic Disorders, 2022, 21, 637-646.	0.8	2
580	Chemical Constituents Based Approach for Management of Diabetes. Current Diabetes Reviews, 2022, 18, .	0.6	0
581	Effects of Polyphenols on Glucoseâ€Induced Metabolic Changes in Healthy Human Subjects and on Glucose Transporters. Molecular Nutrition and Food Research, 2022, 66, e2101113.	1.5	12
582	Topical nanocrystals of bioflavonoids: A new technology platform for skin ailments. International Journal of Pharmaceutics, 2022, 619, 121707.	2.6	4
583	Role of polyphenols in combating Type 2 Diabetes and insulin resistance. International Journal of Biological Macromolecules, 2022, 206, 567-579.	3.6	95
584	Antidiabetic efficacy of Trifolium alexandrinum extracts hesperetin and quercetin in ameliorating carbohydrate metabolism and activating IR and AMPK signaling in the pancreatic tissues of diabetic rats. Biomedicine and Pharmacotherapy, 2022, 149, 112838.	2.5	19
585	Alteration in glucose metabolism in the brain associated with tamoxifen treatment: Study in postmenopausal animal model. Toxicology and Applied Pharmacology, 2022, 442, 116002.	1.3	2

#	Article	IF	CITATIONS
586	Fruit and vegetable intake and risk of prediabetes and type 2 diabetes: results from a 20-year long prospective cohort study in Swedish men and women. European Journal of Nutrition, 2022, 61, 3175-3187.	1.8	14
587	Bee products and diabetes mellitus. , 2022, , 63-114.		6
588	Actinidia deliciosa Mitigates Oxidative Stress and Changes in Pancreatic \hat{l}_{\pm} -, \hat{l}^{2} -, and \hat{l} -Cells and Immunohistochemical and Histological Architecture in Diabetic Rats. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	1
589	<i>>Ferula assaâ€foetida</i> oleo gum resin ethanolic extract alleviated the pancreatic changes and antioxidant status in streptozotocinâ€induced diabetic rats: A biochemical, histopathological, and ultrastructural study. Journal of Food Biochemistry, 2022, 46, e14191.	1.2	1
590	Study on the mechanism of lupenone for treating type 2 diabetes by integrating pharmacological evaluation and network pharmacology. Pharmaceutical Biology, 2022, 60, 997-1010.	1.3	6
591	Review on Study of Bottle Gourd on Human Health. Research Journal of Topical and Cosmetic Sciences, 2022, , 44-48.	0.1	0
592	MPharmacological potential of leaf on blood glucose levels, lipid profile, and oxidative stress parameters in diabetic rats. Journal of Pharmaceutical and Biological Sciences, 2022, 10, 29-36.	0.2	0
593	Review on Study of Bottle Gourd on Human Health. Research Journal of Pharmacology and Pharmacodynamics, 2022, , 174-178.	0.1	1
594	Phytochemical Analysis Using cLC-DAD, Nutritional Importance and Assessment of Antioxidant, Antidiabetic and Anticholinesterase Activities of Ruta tuberculata Forssk Organic Extracts. Sustainability, 2022, 14, 10451.	1.6	1
595	Potential antidiabetic activity of barbigerone on glucose and inflammatory cytokine levels in streptozotocin activated diabetic rats. Journal of King Saud University - Science, 2022, 34, 102249.	1.6	3
596	Anti-Diabetic Potential of Alstonia scholaris Bark Extract Against Streptozotocin-Induced Diabetes Mellitus. International Journal of Pharmacology, 2022, 18, 1449-1455.	0.1	0
597	Opportunities and challenges of polyphenols and polysaccharides for type 1 diabetes intervention. Critical Reviews in Food Science and Nutrition, 0, , 1-13.	5.4	2
598	Diabetes, Allopathic and Alternative Methods (Kombucha) for Its Treatment. Journal of Diabetes Mellitus, 2022, 12, 187-203.	0.1	0
599	Selenoprotein F Knockout Caused Glucose Metabolism Disorder in Young Mice by Disrupting Redox Homeostasis. Antioxidants, 2022, 11, 2105.	2.2	5
600	Effectiveness of Moringa oleifera Leaves on TNF-α Expression, Insulin Levels, Glucose Levels and Follicle Count in Rattus norvegicus PCOS Model. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 0, Volume 15, 3255-3270.	1.1	8
601	Gut microbiota modulation by plant polyphenols in koi carp (Cyprinus carpio L.). Frontiers in Microbiology, $0,13,.$	1.5	5
602	Oral administration of nano-tyrosol reversed the diabetes-induced liver damage in streptozotocin-induced diabetic rats. Journal of Diabetes and Metabolic Disorders, 2023, 22, 297-305.	0.8	3
603	Coral Tree (<i>Erythrina variegata</i> L.). , 2022, , 167-178.		0

#	Article	IF	CITATIONS
604	A review on phytochemical and pharmacological facets of tropical ethnomedicinal plants as reformed DPP-IV inhibitors to regulate incretin activity. Frontiers in Endocrinology, $0,13,.$	1.5	12
605	Phytochemical and pharmacological reports of the hypoglycemic activity of the Moringa oleifera extracts. Rodriguesia, 0, 73, .	0.9	0
606	The association between dietary patterns derived by three statistical methods and type 2 diabetes risk: YaHS-TAMYZ and Shahedieh cohort studies. Scientific Reports, 2023, 13, .	1.6	0
607	Quercetin, a Plant Flavonol Attenuates Diabetic Complications, Renal Tissue Damage, Renal Oxidative Stress and Inflammation in Streptozotocin-Induced Diabetic Rats. Metabolites, 2023, 13, 130.	1.3	11
608	Comparative Insights into Four Major Legume Sprouts Efficacies for Diabetes Management and Its Complications: Untargeted versus Targeted NMR Biochemometrics Approach. Metabolites, 2023, 13, 63.	1.3	7
610	Actinidia deliciosa as a complemental therapy against nephropathy and oxidative stress in diabetic rats. Food Science and Human Wellness, 2023, 12, 1981-1990.	2.2	3
611	Antioxidant potential of Hypericum perforatum L. hairy roots extracts in the kidney of STZ-induced diabetic rats. Makedonsko Farmacevtski Bilten, 2022, 68, 183-184.	0.0	0
612	Renoprotective Effect of Thymoquinone against Streptozotocin-Induced Diabetic Nephropathy: Role of NOX2 and Nrf2 Signals. Current Molecular Pharmacology, 2023, 16, 905-914.	0.7	0
614	Rodent Models of Diabetic Retinopathy as a Useful Research Tool to Study Neurovascular Cross-Talk. Biology, 2023, 12, 262.	1.3	1
615	Ultrasonically Fabricated Beta-Carotene Nanoemulsion: Optimization, Characterization and Evaluation of Combinatorial Effect with Quercetin on Streptozotocin-Induced Diabetic Rat Model. Pharmaceutics, 2023, 15, 574.	2.0	1
616	Pharmacological Studies on the Antidiabetic, Antioxidant, and Antimicrobial Efficacies of Commiphora myrrha Resin in Streptozotocin-Induced Diabetes in Rats: A Preclinical Study. Journal of Diabetes Research, 2023, 2023, 1-12.	1.0	1
617	Arabic gum ameliorates systemic modulation in Alloxan monohydrate-induced diabetic rats. Scientific Reports, 2023, 13, .	1.6	0
619	Higher dietary flavonol and isoflavonoid intakes are associated with lower incidence of type 2 diabetes. International Journal for Vitamin and Nutrition Research, 0, , .	0.6	0
635	Pyrazole containing bioactive phytoconstituents as natural antidiabetic agents: A review. AIP Conference Proceedings, 2023, , .	0.3	0
646	Type 2 diabetes mellitus: Novel targets and multitarget-directed phytotherapy. , 2024, , 385-408.		0