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Effects of curcumin on retinal oxidative stress and inflammation in diabetes

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#	Paper	IF	Citations
253	Effect of curcumin on hyperglycemia-induced vascular endothelial growth factor expression in streptozotocin-induced diabetic rat retina. <b>2007</b> , 361, 528-32		95
252	Dietary Polyphenols and Their Biological Significance. <i>International Journal of Molecular Sciences</i> , <b>2007</b> , 8, 950-988	6.3	590
251	Curcumin prevents streptozotocin-induced islet damage by scavenging free radicals: a prophylactic and protective role. <i>European Journal of Pharmacology</i> , <b>2007</b> , 577, 183-91	5.3	119
250	Oxidative stress and diabetic retinopathy: pathophysiological mechanisms and treatment perspectives. <b>2008</b> , 9, 315-27		208
249	Effect of sesamol on diabetes-associated cognitive decline in rats. 2008, 185, 411-20		77
248	Curcumin and the cellular stress response in free radical-related diseases. <b>2008</b> , 52, 1062-73		115
247	Diabetic retinopathy: a review. <b>2008</b> , 69, 1-14		17
246	Synthesis and anti-inflammatory activities of mono-carbonyl analogues of curcumin. <b>2008</b> , 18, 1525-9		110
245	Curcumin prevents and reverses cirrhosis induced by bile duct obstruction or CCl4 in rats: role of TGF-beta modulation and oxidative stress. <b>2008</b> , 22, 417-27		78
244	Oxidative stress-induced, poly(ADP-ribose) polymerase-dependent upregulation of ET-1 expression in chronic diabetic complications. <b>2008</b> , 86, 365-72		41
243	Regulation of cardiomyocyte hypertrophy in diabetes at the transcriptional level. <b>2008</b> , 294, E1119-26		84
242	Effect of N-acetylcysteine on the early expression of inflammatory markers in the retina and plasma of diabetic rats. <b>2009</b> , 37, 223-31		42
241	Inhibition of aldose reductase by dietary antioxidant curcumin: mechanism of inhibition, specificity and significance. <b>2009</b> , 583, 3637-42		63
240	Curcumin protects retinal cells from light-and oxidant stress-induced cell death. 2009, 46, 672-9		160
239	Inhibitory effects of an aqueous extract of Cornus kousa Burg. leaves on TNF-alpha-induced chemokine expression and monocyte adhesion to human colonic epithelial cells. <b>2009</b> , 32, 91-8		4
238	Curcumin ameliorates high glucose-induced acute vascular endothelial dysfunction in rat thoracic aorta. <b>2009</b> , 36, 1177-82		22
237	Curcumin-loaded poly(epsilon-caprolactone) nanofibres: diabetic wound dressing with anti-oxidant and anti-inflammatory properties. <b>2009</b> , 36, 1149-56		298

## (2011-2009)

236	Potential therapeutic effects of curcumin, the anti-inflammatory agent, against neurodegenerative, cardiovascular, pulmonary, metabolic, autoimmune and neoplastic diseases. <b>2009</b> , 41, 40-59	1232
235	Translocation of H-Ras and its implications in the development of diabetic retinopathy. 2009, 387, 461-6	14
234	Curcumin activates AMPK and suppresses gluconeogenic gene expression in hepatoma cells. <b>2009</b> , 388, 377-82	128
233	Activation of muscarinic M-1 cholinoceptors by curcumin to increase glucose uptake into skeletal muscle isolated from Wistar rats. <b>2009</b> , 465, 238-41	26
232	Curcumin supplementation lowers TNF-alpha, IL-6, IL-8, and MCP-1 secretion in high glucose-treated cultured monocytes and blood levels of TNF-alpha, IL-6, MCP-1, glucose, and glycosylated hemoglobin in diabetic rats. <b>2009</b> , 11, 241-9	197
231	Therapeutic potential of Curcuma longa, the golden spice of India, in drug discovery for ophthalmic diseases. <b>2009</b> , 4, 147-58	4
230	Lysine acetylation: the tale of a modification from transcription regulation to metabolism. <b>2010</b> , 11, 1501-4	26
229	The anti-angiogenic effect of chlorogenic acid on choroidal neovascularization. <b>2010</b> , 24, 163-8	18
228	Management of chronic anterior uveitis relapses: efficacy of oral phospholipidic curcumin treatment. Long-term follow-up. <b>2010</b> , 4, 1201-6	51
227	Transcriptional coactivator p300 regulates glucose-induced gene expression in endothelial cells. <b>2010</b> , 298, E127-37	125
227		125
	2010, 298, E127-37  Activation of muscarinic M-1 cholinoceptors by curcumin to increase contractility in urinary bladder	
226	2010, 298, E127-37  Activation of muscarinic M-1 cholinoceptors by curcumin to increase contractility in urinary bladder isolated from Wistar rats. 2010, 473, 107-9  Lung and blood lymphocytes NTPDase and acetylcholinesterase activity in cigarette	13
226	2010, 298, E127-37  Activation of muscarinic M-1 cholinoceptors by curcumin to increase contractility in urinary bladder isolated from Wistar rats. 2010, 473, 107-9  Lung and blood lymphocytes NTPDase and acetylcholinesterase activity in cigarette smoke-exposed rats treated with curcumin. 2011, 1, 109-115	13
226 225 224	Activation of muscarinic M-1 cholinoceptors by curcumin to increase contractility in urinary bladder isolated from Wistar rats. 2010, 473, 107-9  Lung and blood lymphocytes NTPDase and acetylcholinesterase activity in cigarette smoke-exposed rats treated with curcumin. 2011, 1, 109-115  A 5-year follow-up of antioxidant supplementation in type 2 diabetic retinopathy. 2011, 21, 637-43  Curcumin attenuates the expression and secretion of RANTES after spinal cord injury in vivo and	13 15 50
226 225 224 223	Activation of muscarinic M-1 cholinoceptors by curcumin to increase contractility in urinary bladder isolated from Wistar rats. 2010, 473, 107-9  Lung and blood lymphocytes NTPDase and acetylcholinesterase activity in cigarette smoke-exposed rats treated with curcumin. 2011, 1, 109-115  A 5-year follow-up of antioxidant supplementation in type 2 diabetic retinopathy. 2011, 21, 637-43  Curcumin attenuates the expression and secretion of RANTES after spinal cord injury in vivo and lipopolysaccharide-induced astrocyte reactivation in vitro. 2011, 28, 1259-69	13 15 50 43
226 225 224 223	Activation of muscarinic M-1 cholinoceptors by curcumin to increase contractility in urinary bladder isolated from Wistar rats. 2010, 473, 107-9  Lung and blood lymphocytes NTPDase and acetylcholinesterase activity in cigarette smoke-exposed rats treated with curcumin. 2011, 1, 109-115  A 5-year follow-up of antioxidant supplementation in type 2 diabetic retinopathy. 2011, 21, 637-43  Curcumin attenuates the expression and secretion of RANTES after spinal cord injury in vivo and lipopolysaccharide-induced astrocyte reactivation in vitro. 2011, 28, 1259-69  Effects of flavonoids and other polyphenols on inflammation. 2011, 51, 331-62  Beyond AREDS: is there a place for antioxidant therapy in the prevention/treatment of eye	13 15 50 43 348

218	Protective effects of nanoparticulate coenzyme Q10 and curcumin on inflammatory markers and lipid metabolism in streptozotocin-induced diabetic rats: a possible remedy to diabetic complications. <b>2011</b> , 1, 448-55	24
217	Curcumin and a Morus alba extract reduce pro-inflammatory effects of resistin in human endothelial cells. <b>2011</b> , 25, 1737-42	21
216	Effects of curcumin on the activities of the enzymes that hydrolyse adenine nucleotides in platelets from cigarette smoke-exposed rats. <b>2011</b> , 29, 630-5	12
215	The effect of curcumin in the ectonucleotidases and acetylcholinesterase activities in synaptosomes from the cerebral cortex of cigarette smoke-exposed rats. <b>2011</b> , 29, 703-7	16
214	Consequences of oxidative stress in age-related macular degeneration. <b>2012</b> , 33, 399-417	332
213	Oxidative and endoplasmic reticulum stresses mediate apoptosis induced by modified LDL in human retinal Mler cells. <b>2012</b> , 53, 4595-604	48
212	Curcumin induces autophagy to protect vascular endothelial cell survival from oxidative stress damage. <b>2012</b> , 8, 812-25	189
211	Renal, retinal and cardiac changes in type 2 diabetes are attenuated by macitentan, a dual endothelin receptor antagonist. <b>2012</b> , 91, 658-68	22
210	Pilot study of oral administration of a curcumin-phospholipid formulation for treatment of central serous chorioretinopathy. <b>2012</b> , 6, 801-6	18
209	Modulation of diabetic retinopathy pathophysiology by natural medicines through PPAR-Erelated pharmacology. <b>2012</b> , 165, 4-19	36
208	Ginsenoside Re attenuates diabetes-associated cognitive deficits in rats. <b>2012</b> , 101, 93-8	77
207	Curcumin protects against cigarette smoke-induced cognitive impairment and increased acetylcholinesterase activity in rats. <b>2012</b> , 106, 664-9	33
206	ABT-702, an adenosine kinase inhibitor, attenuates inflammation in diabetic retinopathy. <b>2013</b> , 93, 78-88	33
205	Curcumin decreases renal triglyceride accumulation through AMPK-SREBP signaling pathway in streptozotocin-induced type 1 diabetic rats. <b>2013</b> , 24, 796-802	76
204	NMDA and AMPA receptor mediated excitotoxicity in cerebral cortex of streptozotocin induced diabetic rat: ameliorating effects of curcumin. <b>2013</b> , 201, 39-48	35
203	Curcumin, a potential therapeutic candidate for retinal diseases. <b>2013</b> , 57, 1557-68	38
202	Phytochemicals in ocular health: Therapeutic potential and delivery challenges. <b>2013</b> , 2, 18	7
201	Curcumin in inflammatory diseases. <b>2013</b> , 39, 69-77	169

## (2014-2013)

200	Curcumin attenuates testicular damage, apoptotic germ cell death, and oxidative stress in streptozotocin-induced diabetic rats. <b>2013</b> , 57, 1578-85		72
199	Curcumin and diabetes: a systematic review. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 636053	2.3	153
198	Poly (ADP-ribose) polymerase mediates diabetes-induced retinal neuropathy. 2013, 2013, 510451		27
197	Diabetes cognitive impairments and the effect of traditional chinese herbs. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 649396	2.3	12
196	Efficacy of biodegradable curcumin nanoparticles in delaying cataract in diabetic rat model. <i>PLoS ONE</i> , <b>2013</b> , 8, e78217	3.7	71
195	Effect of curcumin on the increase in hepatic or brain phosphatidylcholine hydroperoxide levels in mice after consumption of excessive alcohol. <b>2013</b> , 2013, 242671		8
194	Epigenetic modifications and diabetic retinopathy. <b>2013</b> , 2013, 635284		71
193	Fortified extract of red berry, Ginkgo biloba, and white willow bark in experimental early diabetic retinopathy. <b>2013</b> , 2013, 432695		32
192	Transcription factor Nrf2-mediated antioxidant defense system in the development of diabetic retinopathy. <b>2013</b> , 54, 3941-8		138
191	Cytotoxic effects of curcumin in human retinal pigment epithelial cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e59603	3.7	25
190	Oral administration of a curcumin-phospholipid delivery system for the treatment of central serous chorioretinopathy: a 12-month follow-up study. <b>2013</b> , 7, 939-45		40
189	Oral administration of nano-emulsion curcumin in mice suppresses inflammatory-induced NF <b>B</b> signaling and macrophage migration. <i>PLoS ONE</i> , <b>2014</b> , 9, e111559	3.7	42
188	Oxidative stress: implications for the development of diabetic retinopathy and antioxidant therapeutic perspectives. <b>2014</b> , 2014, 752387		91
187	Polyphenols in Vision and Eye Health. <b>2014</b> , 413-421		4
186	Molecular mechanisms of curcumin on diabetes-induced endothelial dysfunctions: Txnip, ICAM-1, and NOX2 expressions. <b>2014</b> , 2014, 161346		31
185	Curcumin prevents the structural changes induced in the ratsPdeep cerebellar nuclei by sodium metabisulfite, a preservative agent. <b>2014</b> , 7S1, S301-5		4
184	Curcumin and Liver Disease: from Chemistry to Medicine. <b>2014</b> , 13, 62-77		109
183	Cellular responses following retinal injuries and therapeutic approaches for neurodegenerative diseases. <b>2014</b> , 43, 17-75		248

182	The protective effect of curcumin on paracetamol-induced liver damage in adult male rabbits. <b>2014</b> , 37, 629-639		6
181	Nicotine, curcumin, and cornea. <b>2014</b> , 34, 39-43		
180	Acceleration of dermal wound healing by using electrospun curcumin-loaded poly(Ecaprolactone)-poly(ethylene glycol)-poly(Ecaprolactone) fibrous mats. <b>2014</b> , 102, 533-42		62
179	A review on the role of nutraceuticals as simple as se(2+) to complex organic molecules such as glycyrrhizin that prevent as well as cure diseases. <b>2014</b> , 29, 119-32		8
178	Effects of Trigonella foenum-graecum (L.) on retinal oxidative stress, and proinflammatory and angiogenic molecular biomarkers in streptozotocin-induced diabetic rats. <b>2014</b> , 388, 1-9		16
177	Antioxidant Supplements and Diabetic Retinopathy. <b>2014</b> , 213-222		O
176	Anti-arthritis effects of (E)-2,4-bis(p-hydroxyphenyl)-2-butenal are mediated by inhibition of the STAT3 pathway. <b>2014</b> , 171, 2900-12		15
175	Natural product inhibitors of ocular angiogenesis. <b>2014</b> , 129, 161-71		60
174	Treating Retinopathies [Nanotechnology as a Tool in Protecting Antioxidants Agents. 2014, 3539-3558		1
173	Beneficial effects of the nutritional supplements on the development of diabetic retinopathy. <i>Nutrition and Metabolism</i> , <b>2014</b> , 11, 8	4.6	75
172	In vivo protective effects of dietary curcumin and capsaicin against alcohol-induced oxidative stress. <b>2014</b> , 40, 494-500		15
171	Pharmacology and Health Benefits of Bioactive Food Sources. <b>2014</b> , 437-462		1
170	Exogenous H2S protects H9c2 cardiac cells against high glucose-induced injury and inflammation by inhibiting the activation of the NF-B and IL-1 pathways. <b>2015</b> , 35, 177-86		41
169	Curcumin protects renal tubular epithelial cells from high glucose-induced epithelial-to-mesenchymal transition through Nrf2-mediated upregulation of heme oxygenase-1. <b>2015</b> , 12, 1347-55		52
168	Role of Peroxisome Proliferator-Activated Receptor 🗈 Ocular Diseases. <b>2015</b> , 2015, 275435		20
167	Effects of insulin combined with idebenone on blood-brain barrier permeability in diabetic rats.		25
	<b>2015</b> , 93, 666-77		
166	Curcumin Inhibits Neuronal Loss in the Retina and Elevates Call+/Calmodulin-Dependent Protein Kinase II Activity in Diabetic Rats. <b>2015</b> , 31, 555-62		13

## (2016-2015)

164	Effect of dietary supplementation of ginger and turmeric rhizomes on angiotensin-1 converting enzyme (ACE) and arginase activities in L-NAME induced hypertensive rats. <b>2015</b> , 17, 792-801	44
163	Oxidative stress and epigenetic modifications in the pathogenesis of diabetic retinopathy. <b>2015</b> , 48, 40-61	181
162	Neuroprotective Effects of Rutin in Streptozotocin-Induced Diabetic Rat Retina. 2015, 56, 440-8	65
161	Novel curcumin-based pyrano[2,3-d]pyrimidine anti-oxidant inhibitors for the mylase and following for their pleiotropic effects against diabetes complications.  7.9  International Journal of Biological Macromolecules, <b>2015</b> , 78, 46-55	) 88
160	Dietary supplementation of ginger and turmeric improves reproductive function in hypertensive male rats. <b>2015</b> , 2, 1357-1366	28
159	Effects of luteolin on retinal oxidative stress and inflammation in diabetes. <b>2015</b> , 5, 4898-4904	13
158	The protective effect of curcumin administration on carbon tetrachloride (CCl4)-induced nephrotoxicity in rats. <b>2015</b> , 67, 410-6	26
157	Curcumin: a pleiotropic phytonutrient in diabetic complications. <b>2015</b> , 31, 276-82	24
156	Clinical biomarkers and molecular basis for optimized treatment of diabetic retinopathy: current status and future prospects. <b>2016</b> , 8, 1-13	10
155	Curcumin activates autophagy and attenuates oxidative damage in EA.hy926 cells via the Akt/mTOR pathway. <b>2016</b> , 13, 2187-93	50
154	Nrf2 as molecular target for polyphenols: A novel therapeutic strategy in diabetic retinopathy. <b>2016</b> , 53, 293-312	45
153	Curcumin, mitochondrial biogenesis, and mitophagy: Exploring recent data and indicating future needs. <b>2016</b> , 34, 813-826	67
152	Curcumin protects human adipose-derived mesenchymal stem cells against oxidative stress-induced inhibition of osteogenesis. <b>2016</b> , 132, 192-200	42
151	Reversibility of endothelial dysfunction in diabetes: role of polyphenols. <b>2016</b> , 116, 223-46	66
150	Effect of memantine: A NMDA receptor blocker, on ethambutol-induced retinal injury. 2016, 204, 86-92	8
149	Are epigenetic drugs for diabetes and obesity at our door step?. <b>2016</b> , 21, 499-509	41
148	Early changes in system [Formula: see text] and glutathione in the retina of diabetic rats. <b>2016</b> , 146, 35-42	11
147	Effect of dietary supplementation of ginger and turmeric rhizomes on ectonucleotidases, adenosine deaminase and acetylcholinesterase activities in synaptosomes from the cerebral cortex of hypertensive rats. <b>2016</b> , 14, 59-70	18

146	Effect of luteoin in delaying cataract in STZ-induced diabetic rats. <b>2017</b> , 40, 88-95	18
145	Effects of Phytochemicals on Diabetic Retino-neuropathy. <b>2017</b> , 199-211	
144	Lutein downregulates retinal vascular endothelial growth factor possibly via hypoxia inducible factor 1 alpha and X-box binding protein 1 expression in streptozotocin induced diabetic rats. <b>2017</b> , 31, 97-103	19
143	Putative protective role of lutein and zeaxanthin in diabetic retinopathy. 2017, 101, 551-558	35
142	Nutrition for diabetic retinopathy: plummeting the inevitable threat of diabetic vision loss. <b>2017</b> , 56, 2013-2027	14
141	Neuroprotective effects of quercetin in diabetic rat retina. <b>2017</b> , 24, 1186-1194	40
140	Natural products as modulator of autophagy with potential clinical prospects. 2017, 22, 325-356	25
139	Response to TNF-Hs Increasing Along with the Progression in Barrettß Esophagus. 2017, 62, 3391-3401	10
138	Inhibiting effects of dietary polyphenols on chronic eye diseases. <b>2017</b> , 39, 186-197	21
137	Curcumin attenuates oxidative stress induced NFB mediated inflammation and endoplasmic reticulum dependent apoptosis of splenocytes in diabetes. <b>2017</b> , 143, 140-155	65
136	Curcumin, a component of turmeric, efficiently prevents diclofenac sodium-induced gastroenteropathic damage in rats: A step towards translational medicine. <b>2017</b> , 108, 43-52	10
135	The increased toxicity of UV-degraded nitroguanidine and IMX-101 to zebrafish larvae: Evidence implicating oxidative stress. <b>2017</b> , 190, 228-245	15
134	The effects of Curcuma longa and curcumin on reproductive systems. <b>2017</b> , 51, 220-228	32
133	Curcumin and its allied analogues: epigenetic and health perspectives 🗈 review. 2017, 35, 285-310	2
132	NF-II A Potential Target in the Management of Vascular Complications of Diabetes. 2017, 8, 798	144
131	Effects of Novel Nitric Oxide-Releasing Molecules against Oxidative Stress on Retinal Pigmented Epithelial Cells. <b>2017</b> , 2017, 1420892	31
130	Curcumin ameliorates palmitate-induced inflammation in skeletal muscle cells by regulating JNK/NF-kB pathway and ROS production. <b>2018</b> , 26, 1265-1272	34
129	Microhemodynamic indices to evaluate the effectiveness of herbal medicine in diabetes: A comparison between alpha-mangostin and curcumin in the retina of type 2 diabetic rats. <b>2018</b> , 69, 471-480	4

128	Activation of Nrf2 signaling by natural products-can it alleviate diabetes?. 2018, 36, 1738-1767	103
127	Chemoprotective effects of curcumin on doxorubicin-induced nephrotoxicity in wistar rats: by modulating inflammatory cytokines, apoptosis, oxidative stress and oxidative DNA damage. <b>2018</b> , 124, 448-457	57
126	Peripheral Neuropathy. 2018, 120-132.e8	1
125	Grape seed extracts attenuate retinal Mller cell gliosis in streptozotocin-diabetic rats. 2018, 50, 45-52	3
124	Spice-Derived Bioactive Ingredients: Potential Agents or Food Adjuvant in the Management of Diabetes Mellitus. <b>2018</b> , 9, 893	19
123	Hypolipidemic, Antioxidant, and Antiapoptotic Effects of Polysaccharides Extracted from Reishi Mushroom, Ganoderma lucidum (Leysser: Fr) Karst, in Mice Fed a High-Fat Diet. <b>2018</b> , 21, 1218-1227	17
122	Therapeutic potential of curcumin in diabetic complications. 2018, 136, 181-193	78
121	Retinal Protection and Distribution of Curcumin and. <b>2018</b> , 9, 670	26
120	Dietary curcumin supplementation attenuates inflammation, hepatic injury and oxidative damage in a rat model of intra-uterine growth retardation. <b>2018</b> , 120, 537-548	26
119	Curcumin Modulates DNA Methyltransferase Functions in a Cellular Model of Diabetic Retinopathy. <b>2018</b> , 2018, 5407482	52
118	Redox Sensitive Transcription via Nrf2-Keap1 in Suppression of Inflammation. 2018, 149-161	2
117	Curcumin supplementation mitigates NASH development and progression in female Wistar rats. <b>2018</b> , 6, e13789	16
116	Mediterranean Diet and Diabetic Retinopathy. <b>2018</b> , 171-181	
115	The Poly(ADP-Ribose)Polymerase-1 Inhibitor 1,5-Isoquinolinediol Attenuate Diabetes-Induced NADPH Oxidase-Derived Oxidative Stress in Retina. <b>2018</b> , 34, 512-520	6
114	Electrospun nanofibers as a wound dressing for treating diabetic foot ulcer. <b>2019</b> , 14, 130-143	81
113	Adaptor Protein p66Shc: A Link Between Cytosolic and Mitochondrial Dysfunction in the Development of Diabetic Retinopathy. <b>2019</b> , 30, 1621-1634	18
112	The chemical and pharmacological basis of turmeric (Curcuma longa L.) as potential therapy for type 2 diabetes and metabolic syndrome. <b>2019</b> , 751-789	
111	Puerarin prevents cataract development and progression in diabetic rats through Nrf2/HO-1 signaling. <b>2019</b> , 20, 1017-1024	14

110	The protective effects of curcumin on cytotoxic and teratogenic activity of retinoic acid in mouse embryonic liver. <b>2019</b> , 120, 19371-19376		4
109	Oxidative Stress as the Main Target in Diabetic Retinopathy Pathophysiology. <b>2019</b> , 2019, 8562408		58
108	administration of quercetin ameliorates sperm oxidative stress, inflammation, preserves sperm morphology and functions in streptozotocin-nicotinamide induced adult male diabetic rats. <b>2019</b> , 15, 240-249		25
107	Anticataractogenic Potential of Dietary Spices in diabetic condition. <b>2019</b> , 515-527		
106	The effect of curcumin with piperine supplementation on pro-oxidant and antioxidant balance in patients with non-alcoholic fatty liver disease: a randomized, double-blind, placebo-controlled trial. <b>2019</b> , 34,		7
105	Diabetic retinopathy, a vascular and inflammatory disease: Therapeutic implications. <b>2019</b> , 45, 517-527		70
104	Curcumin ameliorates experimental autoimmune encephalomyelitis in a C57BL/6 mouse model. <b>2019</b> , 80, 629-636		6
103	Bionanoparticles in the Treatment of Glycation-Induced Secondary Complications of Diabetes. <b>2019</b> , 299-316		1
102	Effect of turmeric on glycemic status, lipid profile, hs-CRP, and total antioxidant capacity in hyperlipidemic type 2 diabetes mellitus patients. <b>2019</b> , 33, 1173-1181		25
101	Effects of Prolonged Dietary Curcumin Exposure on Skeletal Muscle Biochemical and Functional Responses of Aged Male Rats. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	5.3	13
100	Nutraceuticals for the Treatment of Diabetic Retinopathy. <b>2019</b> , 11,		47
99	Protective Effects of CISD2 and Influence of Curcumin on CISD2 Expression in Aged Animals and Inflammatory Cell Model. <b>2019</b> , 11,		17
98	Curcumin prevents high glucose damage in retinal pigment epithelial cells through ERK1/2-mediated activation of the Nrf2/HO-1 pathway. <b>2019</b> , 234, 17295-17304		42
97	Curcumin and molecular targets in eye diseases. <b>2019</b> , 63, 339-356		
96	Oxidative Stress and Microvascular Alterations in Diabetic Retinopathy: Future Therapies. 2019,		56
	2019, 4940825		
95	Relationships Between Neurodegeneration and Vascular Damage in Diabetic Retinopathy. <b>2019</b> , 13, 1172		35
95 94	Relationships Between Neurodegeneration and Vascular Damage in Diabetic Retinopathy. <b>2019</b> ,		35

#### (2020-2019)

92	Pterostilbene Prevents Early Diabetic Retinopathy Alterations in a Rabbit Experimental Model. <b>2019</b> , 12,		6
91	Dietary Polyphenols and Gene Expression in Molecular Pathways Associated with Type 2 Diabetes Mellitus: A Review. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 21,	6.3	54
90	The potential health benefits of dietary natural plant products in age related eye diseases. <b>2020</b> , 6, e04	408	8
89	Natural products in diabetes research: quantitative literature analysis. <b>2021</b> , 35, 5813-5827		12
88	Antioxidant supplementation in diabetic retinopathy. <b>2020</b> , 169-185		
87	An overview on chemistry of natural aldose reductase inhibitors for the management of diabetic complications. <b>2020</b> , 65, 381-429		1
86	The effect of Aqueous, Ethanolic extracts of Rheum ribeson insulin sensitivity, inflammation, oxidative stress in patients with type 2 diabetes mellitus: A Randomized, Double-Blind, Placebo-Controlled Trial. <b>2020</b> , 24, 100389		2
85	Curcumin Improves Delayed Onset Muscle Soreness and Postexercise Lactate Accumulation. <b>2021</b> , 18, 531-542		7
84	Prevalence of people at risk of developing type 2 diabetes mellitus and the involvement of community pharmacies in a national screening campaign: a pioneer action in Brazil. <b>2020</b> , 12, 89		5
83	Phytochemicals as Anti-Inflammatory Agents in Animal Models of Prevalent Inflammatory Diseases. <i>Molecules</i> , <b>2020</b> , 25,	4.8	21
82	The assessment of antidiabetic properties of novel synthetic curcumin analogues: Amylase and Iglucosidase as the target enzymes. <b>2020</b> , 19, 1505-1515		5
81	Glyoxalase System as a Therapeutic Target against Diabetic Retinopathy. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	10
80	Citrus hystrix leaf extract attenuated diabetic-cataract in STZ-rats. <b>2020</b> , 44, e13258		3
79	Curcumin Attenuates Both Acute and Chronic Immune Nephritis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
78	Update on the Effects of Antioxidants on Diabetic Retinopathy: In Vitro Experiments, Animal Studies and Clinical Trials. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	16
77	Thermosensitive composite hydrogel incorporated with curcumin-loaded nanopolymersomes for prolonged and localized treatment of glioma. <b>2020</b> , 59, 101885		4
76	Redox Signaling and Advanced Glycation Endproducts (AGEs) in Diet-Related Diseases. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	44
75	Curcumin as a Therapeutic Option in Retinal Diseases. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	20

74	Aerobic exercise and nano-curcumin supplementation improve inflammation in elderly females with metabolic syndrome. <b>2020</b> , 12, 26		19
73	Diet and risk of visual impairment: a review of dietary factors and risk of common causes of visual impairment. <b>2021</b> , 79, 636-650		4
72	Polymeric nanomicelles based on inulin D tocopherol succinate for the treatment of diabetic retinopathy. <b>2021</b> , 61, 102286		5
71	Plant molecules to treat eye mitochondria. <b>2021</b> , 339-356		
70	Beneficial Impacts of Alpha-Eleostearic Acid from Wild Bitter Melon and Curcumin on Promotion of CDGSH Iron-Sulfur Domain 2: Therapeutic Roles in CNS Injuries and Diseases. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
69	Therapeutic potential of curcumin indiabetic retinopathy (Review). 2021, 47,		4
68	Antioxidant and glycohydrolase inhibitory behavior of curcumin-based compounds: Synthesis and evaluation of anti-diabetic properties in vitro. <b>2021</b> , 110, 104720		11
67	Development and Validation of RP-HPLC Method for Simultaneous Determination of Curcumin and Quercetin in Extracts, Marketed Formulations, and Self-Nanoemulsifying Drug Delivery System. <b>2021</b> , 1, 43-52		2
66	Zingerone mitigates inflammation, apoptosis and oxidative injuries associated with renal impairment in adriamycin-intoxicated mice. 1-12		2
65	Recent Advances and Disputes About Curcumin in Retinal Diseases. <b>2021</b> , 15, 2553-2571		2
64	Amino Acid Profile and Biological Properties of Silk Cocoon as Affected by Water and Enzyme Extraction. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
63	Binding analysis of the curcumin-based synthetic alpha-glucosidase inhibitors to beta-lactoglobulin as potential vehicle carrier for antidiabetic drugs. 1		Ο
62	Research Progress on the Mechanism of Natural Product Ingredients in the Treatment of Uveitis. <b>2021</b> , 2021, 6683411		
61	Curcumin, the active substance of turmeric: its effects on health and ways to improve its bioavailability. <b>2021</b> , 101, 5747-5762		37
60	Curcumin-based Antioxidant and Glycohydrolase Inhibitor Compounds: Synthesis and In Vitro Appraisal of the Dual Activity Against Diabetes. <i>Medicinal Chemistry</i> , <b>2021</b> , 17, 677-698	1.8	6
59	Effect of black pepper, turmeric and ajwa date on the endocrine pancreas of the experimentally induced diabetes in wister albino rats: A histological and immunohistochemical study. <b>2021</b> , 4, 100098		O
58	Cellular targets in diabetic retinopathy therapy. <b>2021</b> , 12, 1442-1462		1
57	Unveiling the role of polyphenols in diabetic retinopathy. <b>2021</b> , 85, 104608		3

#### (2015-2021)

56	Effects of a Mediterranean diet on the development of diabetic complications: A longitudinal study from the nationwide diabetes report of the National Program for Prevention and Control of Diabetes (NPPCD 2016-2020). <b>2021</b> , 153, 61-67		4
55	Analysis of Lipid Peroxidation by UPLC-MS/MS and Retinoprotective Effects of the Natural Polyphenol Pterostilbene. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
54	Aldose Reductase Inhibitors in the Functional Foods: Regulation of Diabetic Complications. 2018, 555-	574	2
53	Curcumin inhibits glyoxalase 1: a possible link to its anti-inflammatory and anti-tumor activity. <i>PLoS ONE</i> , <b>2008</b> , 3, e3508	3.7	123
52	Curcumin inhibits neuronal and vascular degeneration in retina after ischemia and reperfusion injury. <i>PLoS ONE</i> , <b>2011</b> , 6, e23194	3.7	65
51	Suppression of experimental choroidal neovascularization by curcumin in mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e53	3 <i>3</i> 97	20
50	Conflicting effects of atazanavir therapy on atherosclerotic risk factors in stable HIV patients: A randomized trial of regimen switch to atazanavir. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181993	3.7	6
49	Water-soluble C60 fullerene ameliorates astroglial reactivity and TNFa production in retina of diabetic rats. <i>Regulatory Mechanisms in Biosystems</i> , <b>2020</b> , 10, 513-519	0.7	7
48	Neurodegeneration in diabetic retina and its potential drug targets. <i>Current Neuropharmacology</i> , <b>2014</b> , 12, 380-6	7.6	34
47	Autophagy in Diabetic Retinopathy. <i>Current Neuropharmacology</i> , <b>2016</b> , 14, 810-825	7.6	<del>72</del>
46	Effect of Curcumin on Bax, Bcl-2, Antioxidant Enzymes and Lipid Peroxidation of Sperm after Freezing Procedure. <i>Journal of Ardabil University of Medical Sciences</i> , <b>2018</b> , 18, 120-130	1	1
45	The Effect of Low-Level Laser Therapy and Curcumin on the Expression of LC3, ATG10 and BAX/BCL2 Ratio in PC12 Cells Induced by 6-Hydroxide Dopamine. <i>Journal of Lasers in Medical Sciences</i> , <b>2020</b> , 11, 299-304	1.6	2
44	Antioxidant Effect of Curcumin Extracts in Induced Diabetic Wister Rats. <i>International Journal of Zoological Research</i> , <b>2010</b> , 6, 266-276	0.7	21
43	Arsenic Induced Changes in Growth and Physiological Responses in <i>Vigna radiata</i> Seedling: Effect of Curcumin Interaction. <i>American Journal of Plant Sciences</i> , <b>2014</b> , 05, 3609-3618	0.5	23
42	Natural Compounds in Retinal Diseases. <b>2012</b> , 437-456		
41	Peripheral Neuropathy. <b>2012</b> , 102-113.e5		
40	The Role of Mitochondrial Oxidative Stress in Retinal Dysfunction. <b>2012</b> , 203-239		1
39	Soluble Curcumin in the Prevention of Diabetic Retinopathy via Modulation of Anti-Oxidant Activity and Genetic Pathways In Vivo Model. <i>Advances in Ophthalmology &amp; Visual System</i> , <b>2015</b> , 3,	2	

38	Epigenetic Diabetic Vascular Complications. Journal of Pediatrics Review, 2016, In Press,	1	
37	Protective Effect of Turmeric against Bisphenol-A Induced Genotoxicity in Rats. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2020</b> , 66, S336-S342	1.1	2
36	Artichoke extracts in cancer therapy: do the extraction conditions affect the anticancer activity?. <i>Future Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 6,	2.1	О
35	Current Strategies and Future Perspective for the Effective Treatment of Diabetic Retinopathy. <i>Current Drug Therapy</i> , <b>2020</b> , 15, 299-311	0.7	1
34	Global microRNA expression profiling: curcumin (diferuloylmethane) alters oxidative stress-responsive microRNAs in human ARPE-19 cells. <i>Molecular Vision</i> , <b>2013</b> , 19, 544-60	2.3	48
33	Therapeutic implications of curcumin in the prevention of diabetic retinopathy via modulation of anti-oxidant activity and genetic pathways. <i>International Journal of Physiology, Pathophysiology and Pharmacology</i> , <b>2013</b> , 5, 194-202	3.4	29
32	Plants used in the management of diabetic complications. <i>Indian Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 76, 97-106	1.5	14
31	MicroRNA-152 represses VEGF and TGFII expressions through post-transcriptional inhibition of (Pro)renin receptor in human retinal endothelial cells. <i>Molecular Vision</i> , <b>2015</b> , 21, 224-35	2.3	38
30	Effects of curcumin on interleukin-23 and interleukin-17 expression in rat retina after retinal ischemia-reperfusion injury. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2015</b> , 8, 9223-3	7.4	9
29	Prevention of non-enzymatic glycosylation (glycation): Implication in the treatment of diabetic complication. <i>International Journal of Health Sciences</i> , <b>2016</b> , 10, 261-77	1.1	22
28	Self-nanoemulsifying composition containing curcumin, quercetin, Ganoderma lucidum extract powder and probiotics for effective treatment of type 2 diabetes mellitus in streptozotocin induced rats. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 612, 121306	6.5	2
27	Renoprotective Roles of Curcumin Advances in Experimental Medicine and Biology, 2021, 1328, 531-544	3.6	1
26	Mechanistic Insight into Oxidative Stress-Triggered Signaling Pathways and Type 2 Diabetes <i>Molecules</i> , <b>2022</b> , 27,	4.8	5
25	Micro (mi) RNA and Diabetic Retinopathy. 1		
24	Role of Curcumin in Retinal Diseases-A review <i>Graefe</i> Archive for Clinical and Experimental Ophthalmology, <b>2022</b> , 260, 1457	3.8	4
23	A Review on Curcumin-Loaded Electrospun Nanofibers and their Application In Modern Medicine <i>Jom</i> , <b>2022</b> , 1-16	2.1	O
22	Nature against Diabetic Retinopathy: A Review on Antiangiogenic, Antioxidant, and Anti-Inflammatory Phytochemicals <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2022</b> , 2022, 4708527	2.3	O
21	Curcumin in Retinal Diseases: A Comprehensive Review from Bench to Bedside <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1

20	Multitask Quantum Study of the Curcumin-Based Complex Physicochemical and Biological Properties <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	
19	Role of polyphenols in combating Type 2 Diabetes and insulin resistance <i>International Journal of Biological Macromolecules</i> , <b>2022</b> ,	7.9	7
18	Polyphenols and Posterior Segment Eye Diseases: Effects on Angiogenesis, Invasion, Migration and Epithelial-Mesenchymal Transition. <i>Food Reviews International</i> , 1-29	5.5	3
17	Aqueous Garlic Extract Alleviates Oxidative Stress and Inflammation in Retinal Tissue of Rats with Diabetes Type 2. <i>Journal of Advances in Medical and Biomedical Research</i> , <b>2022</b> , 30, 138-145	0.4	О
16	Data_Sheet_1.zip. <b>2019</b> ,		
15	Image_1.TIF. <b>2018</b> ,		
14	Table_1.pdf. <b>2018</b> ,		
13	Astaxanthin ameliorates hyperglycemia induced inflammation via PI3K/Akt-NF- <b>B</b> signaling in ARPE-19 cells and diabetic rat retina <i>European Journal of Pharmacology</i> , <b>2022</b> , 174979	5.3	О
12	Synthesis and Potential Antidiabetic Properties of Curcumin-Based Derivatives: An In Vitro and In Silico Study of Educosidase and Eamylase Inhibition <i>Medicinal Chemistry</i> , <b>2022</b> ,	1.8	
11	Inherited Retinal Dystrophies: Role of Oxidative Stress and Inflammation in Their Physiopathology and Therapeutic Implications. <i>Antioxidants</i> , <b>2022</b> , 11, 1086	7.1	2
10	Protective Effect of Curcuma Extract in an Ex Vivo Model of Retinal Degeneration via Antioxidant Activity and Targeting the SUMOylation. <b>2022</b> , 2022, 1-15		О
9	Design, synthesis, spectroscopic characterizations, antidiabetic, in silico and kinetic evaluation of novel curcumin-fused aldohexoses. <b>2023</b> , 285, 121806		2
8	Protective effects of curcumin on ischemia/reperfusion injury.		О
7	Fermented Mangosteen (Garcinia mangostana L.) Supplementation in the Prevention of HPV-Induced Cervical Cancer: From Mechanisms to Clinical Outcomes. <b>2022</b> , 14, 4707		1
6	Stress response protein REDD1 promotes diabetes-induced retinal inflammation by sustaining canonical NF- <b>B</b> signaling. <b>2022</b> , 102638		О
5	Using Computational Drug-Gene Analysis to Identify Novel Therapeutic Candidates for Retinal Neuroprotection. <b>2022</b> , 23, 12648		Ο
4	The Credible Role of Curcumin in Oxidative Stress-Mediated Mitochondrial Dysfunction in Mammals. <b>2022</b> , 12, 1405		1
3	Synthesis, in silico, inlvitro and inlvivo studies of novel natural-based arylidenes curcumin as potential glycohydrolase digestive enzymes inhibitors. 1-17		О

Hypoxia-induced transcriptional differences in African and Asian versus European diabetic cybrids. **2023**, 13,

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Efficacy and safety of curcumin in diabetic retinopathy: A protocol for systematic review and meta-analysis. **2023**, 18, e0282866

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