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AGEs, rather than hyperglycemia, are responsible for microvascular complications in diabetes: a "glycoxidation-centric" point of view

DOI: 10.1016/j.numecd.2013.04.004 Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 913-9.

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#	Paper	IF	Citations
149	Biomarkers in diabetic retinopathy and the therapeutic implications. 2013 , 2013, 193604		31
148	Epigenetic modifications and potential new treatment targets in diabetic retinopathy. 2014 , 2014, 789	120	21
147	Advanced glycation end product accumulation: a new enemy to target in chronic kidney disease?. 2014 , 23, 547-54		43
146	Dietary Restriction, Dietary Design and the Epigenetics of Aging and Longevity. 2014 , 29-47		
145	Advanced glycation end products and diabetic complications. 2014 , 18, 1-14		704
144	Protective effect of telmisartan against oxidative damage induced by high glucose in neuronal PC12 cell. 2014 , 558, 31-6		32
143	Local inflammatory reactions in patients with diabetes and periodontitis. 2015, 69, 221-54		45
142	Vascular Impairment of Epineurial Arterioles of the Sciatic Nerve: Implications for Diabetic Peripheral Neuropathy. 2015 , 12, 13-28		20
141	Vascular Effects of Dietary Advanced Glycation End Products. 2015 , 2015, 836498		10
140	Redox Signaling in Diabetic Nephropathy: Hypertrophy versus Death Choices in Mesangial Cells and Podocytes. 2015 , 2015, 604208		24
139	Advanced Glycation End Products: A Molecular Target for Vascular Complications in Diabetes. 2015 , 21 Suppl 1, S32-40		103
138	The low AGE diet: a neglected aspect of clinical nephrology practice?. 2015, 130, 48-53		13
137	Advanced glycation end products (AGEs) and the soluble receptor for AGE (sRAGE) in patients with type 1 diabetes and coeliac disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 230-5	4.5	13
136	AGE/RAGE signalling regulation by miRNAs: associations with diabetic complications and therapeutic potential. 2015 , 60, 197-201		49
135	Crosstalk between advanced glycation end products (AGEs)-receptor RAGE axis and dipeptidyl peptidase-4-incretin system in diabetic vascular complications. 2015 , 14, 2		74
134	Oxidative stress and adipocyte biology: focus on the role of AGEs. 2015 , 2015, 534873		39
133	SIRT1 suppresses cardiomyocyte apoptosis in diabetic cardiomyopathy: An insight into endoplasmic reticulum stress response mechanism. 2015 , 191, 36-45		100

132	Diabetes mellitus related bone metabolism and periodontal disease. 2015 , 7, 63-72		118
131	Association between hemoglobin A1c variability and subclinical coronary atherosclerosis in subjects with type 2 diabetes. 2015 , 29, 776-82		21
130	Type 2 diabetic patients with GravesWisease have more frequent and severe GravesUbrbitopathy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 452-7	4.5	15
129	Protein modification and maintenance systems as biomarkers of ageing. 2015 , 151, 71-84		36
128	Possible role of fructosamine 3-kinase genotyping for the management of diabetic patients. 2015 , 53, 1315-20		10
127	Pyridoxamine dihydrochloride in diabetic nephropathy (PIONEER-CSG-17): lessons learned from a pilot study. 2015 , 129, 22-8		23
126	Effect of diet-derived advanced glycation end products on inflammation. 2015, 73, 737-59		85
125	Glucose as an agent of post-translational modification in diabetesNew cardiac epigenetic insights. 2015 , 129, 48-53		20
124	Oxidative Stress in Diabetic Nephropathy with Early Chronic Kidney Disease. 2016 , 2016, 7047238		132
123	The Role of the Reactive Oxygen Species and Oxidative Stress in the Pathomechanism of the Age-Related Ocular Diseases and Other Pathologies of the Anterior and Posterior Eye Segments in Adults. 2016 , 2016, 3164734		659
122	Complications of Diabetes 2016. 2016 , 2016, 6989453		109
121	Curcumin and Boswellia serrata Modulate the Glyco-Oxidative Status and Lipo-Oxidation in Master Athletes. 2016 , 8,		27
120	The Role of DNA Methylation in the Metabolic Memory Phenomenon Associated With the Continued Progression of Diabetic Retinopathy. 2016 , 57, 5748-5757		32
119	Effects of metformin on inflammation and short-term memory in streptozotocin-induced diabetic mice. 2016 , 1644, 149-60		104
118	Prediabetes and Type 2 Diabetes Are Associated With Generalized Microvascular Dysfunction: The Maastricht Study. 2016 , 134, 1339-1352		135
117	Genetic variants in the receptor for advanced glycation end products (RAGE) gene were associated with circulating soluble RAGE level but not with renal function among Asians with type 2 diabetes: a genome-wide association study. 2017 , 32, 1697-1704		14
116	No effect of yeast-like fungi on lipid metabolism and vascular endothelial growth factor level in children and adolescents with type 1 diabetes mellitus. 2016 , 42, 107		1
115	Identifying hyperinsulinaemia in the absence of impaired glucose tolerance: An examination of the Kraft database. 2016 , 118, 50-7		22

114	Effectiveness of a diet with low advanced glycation end products, in improving glycoxidation and lipid peroxidation: a long-term investigation in patients with chronic renal failure. 2016 , 54, 552-555	4
113	Increased levels of N(I) Carboxy methyl lysine (N(I) CML) are associated with topographic alterations in retinal pigment epithelium: A preliminary study. 2016 , 30, 868-72	4
112	HDL in diabetic nephropathy has less effect in endothelial repairing than diabetes without complications. 2016 , 15, 76	8
111	Association of serum N()-Carboxy methyl lysine with severity of diabetic retinopathy. 2016 , 30, 511-7	20
110	Efficacy and safety of prostaglandin E1 plus lipoic acid combination therapy versus monotherapy for patients with diabetic peripheral neuropathy. 2016 , 27, 8-16	12
109	Early Formation of Serum Advanced Glycation End-Products in Children with Type 1 Diabetes Mellitus: Relationship with Glycemic Control. 2016 , 172, 56-62	16
108	Glabridin Alleviates the Toxic Effects of Methylglyoxal on Osteoblastic MC3T3-E1 Cells by Increasing Expression of the Glyoxalase System and Nrf2/HO-1 Signaling and Protecting Mitochondrial Function. 2016 , 64, 226-35	22
107	Dietary Reduction of Advanced Glycation End Products: An Opportunity for Improved Nutrition Care. 2017 , 27, e23-e26	2
106	TRB3 mediates advanced glycation end product-induced apoptosis of pancreatic Etells through the protein kinase C [pathway. 2017 , 40, 130-136	6
105	Urinary glycated uromodulin in diabetic kidney disease. 2017 , 131, 1815-1829	7
104	Advanced glycation end products interfere with gastric smooth muscle contractile marker expression via the AGE/RAGE/NF- B pathway. 2017 , 102, 7-14	13
103	Naturally occurring anthocyanin cyanidin-3-rutinoside possesses inherent vasorelaxant actions and prevents methylglyoxal-induced vascular dysfunction in rat aorta and mesenteric arterial bed. 2017 , 95, 1251-1259	14
102	Vascular complications in diabetes: old messages, new thoughts. 2017 , 60, 2129-2138	57
101	Diabetic retinopathy: Breaking the barrier. 2017 , 24, 229-241	66
100	Do advanced glycation end-products cause food allergy?. 2017 , 17, 325-331	16
99	Potential Biochemical Mechanisms of Lung Injury in Diabetes. 2017 , 8, 7-16	43
98	Efficacy of Administration of an Angiotensin Converting Enzyme Inhibitor for Two Years on Autonomic and Peripheral Neuropathy in Patients with Diabetes Mellitus. 2017 , 2017, 6719239	17
97	Association between Fluorescent Advanced Glycation End-Products and Vascular Complications in Type 2 Diabetic Patients. 2017 , 2017, 7989180	21

96	Antioxidant capacity in patients with type 2 diabetes: a preliminary investigation on gender-specific differences in an Italian population. 2018 , 56, 101-104		2	
95	The association between skin auto-fluorescence of palmoplantar sites and microvascular complications in Asian patients with type 2 diabetes mellitus. <i>Scientific Reports</i> , 2018 , 8, 6309	4.9	2	
94	Diabetic neuropathy and the sensory neuron: New aspects of pathogenesis and their treatment implications. 2018 , 9, 1239-1254		67	
93	Cognitive Trajectories of Older Adults With Prediabetes and Diabetes: A Population-Based Cohort Study. 2018 , 73, 400-406		14	
92	. 2018,			
91	Progress in Experimental and Clinical Research of the Diabetic Retinopathy Treatment Using Traditional Chinese Medicine. 2018 , 1-27		7	
90	Plate-based Large-scale Cultivation of Caenorhabditis elegans: Sample Preparation for the Study of Metabolic Alterations in Diabetes. 2018 ,		1	
89	Markers of Local Inflammation and Bone Resorption in the Acute Diabetic Charcot Foot. 2018 , 2018, 5647981		5	
88	Site-specific glycations of apolipoprotein A-I lead to differentiated functional effects on lipid-binding and on glucose metabolism. 2018 , 1864, 2822-2834		15	
87	D-ribose induces nephropathy through RAGE-dependent NF- B inflammation. 2018 , 41, 838-847		11	
86	Advanced Glycation End Products of Bovine Serum Albumin Suppressed Th1/Th2 Cytokine but Enhanced Monocyte IL-6 Gene Expression via MAPK-ERK and MyD88 Transduced NF- B p50 Signaling Pathways. 2019 , 24,		4	
85	Preclinical and clinical results regarding the effects of a plant-based antidiabetic formulation versus well established antidiabetic molecules. 2019 , 150, 104522		22	
84	The Role of MicroRNAs in Diabetes-Related Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9	
83	Perturbed Biochemical Pathways and Associated Oxidative Stress Lead to Vascular Dysfunctions in Diabetic Retinopathy. 2019 , 2019, 8458472		27	
82	Long-term effect of pioglitazone vs glimepiride on lipoprotein oxidation in patients with type 2 diabetes: a prospective randomized study. 2019 , 56, 505-513		2	
81	Low molecular weight heparin (nadroparin) improves placental permeability in rats with gestational diabetes mellitus via reduction of tight junction factors. 2020 , 21, 623-630		4	
80	Review of Diabetic Polyneuropathy: Pathogenesis, Diagnosis and Management According to the Consensus of Egyptian Experts. 2019 , 15, 340-345		3	
79	Rubeosis faciei diabeticorum is not associated with oxidative stress and skin autofluorescence. 2019 , 94, 561-566		1	

78	Advanced Glycation End Products: Potential Mechanism and Therapeutic Target in Cardiovascular Complications under Diabetes. 2019 , 2019, 9570616		41
77	Leptin attenuates oxidative stress and neuronal apoptosis in hyperglycemic condition. 2019 , 33, 75-83		12
76	The role of mass spectrometry in studies of glycation processes and diabetes management. 2019 , 38, 112-146		11
75	Notoginsenoside R1 Protects db/db Mice against Diabetic Nephropathy via Upregulation of Nrf2-Mediated HO-1 Expression. 2019 , 24,		39
74	Understanding Biochemical and Molecular Mechanism of Complications of Glycation and Its Management by Herbal Medicine. 2019 , 331-366		4
73	Liraglutide inhibited AGEs induced coronary smooth muscle cell phenotypic transition through inhibiting the NF- B signal pathway. 2019 , 112, 125-132		3
72	Remote Temperature Monitoring in Patients With Visual Impairment Due to Diabetes Mellitus: A Proposed Improvement to Current Standard of Care for Prevention of Diabetic Foot Ulcers. 2020 , 14, 37-45		5
71	Nutritional Composition, Bioactive Compounds and Functional Evaluation of Various Parts of Cajanus cajan (L.) Millsp. 2020 , 10, 558		1
70	Evaluation and Care of Patients with Diabetic Retinopathy. 2020 , 383, e31		3
69	A role of glycation and methylation for SARS-CoV-2 infection in diabetes?. 2020 , 144, 110247		7
68	Transcriptome changes underlie alterations in behavioral traits in different types of chicken. 2020 , 98,		3
67	Temporal trajectories of accompanying comorbidities in patients with type 2 diabetes: a Korean nationwide observational study. <i>Scientific Reports</i> , 2020 , 10, 5535	4.9	6
66	Bredemolic Acid Improves Cardiovascular Function and Attenuates Endothelial Dysfunction in Diet-Induced Prediabetes: Effects on Selected Markers. 2020 , 2020, 1936406		2
65	Enhanced oxidative stress and damage in glycated erythrocytes. <i>PLoS ONE</i> , 2020 , 15, e0235335	3.7	17
64	Current molecular aspects in the development and treatment of diabetes. 2020 , 76, 13-35		6
63	Advanced glycation end products induce immature angiogenesis in in vivo and ex vivo mouse models. 2020 , 318, H519-H533		12
62	Psoriatic Arthritis and Diabetes Mellitus: A Narrative Review. 2020 , 7, 271-285		7
61	Does epigenetics have a role in age related macular degeneration and diabetic retinopathy?. 2021 , 8, 279-286		5

(2020-2021)

60	Ezetimibe attenuates experimental diabetes and renal pathologies via targeting the advanced glycation, oxidative stress and AGE-RAGE signalling in rats. 2021 , 1-16		3	
59	New-Onset Diabetes after Kidney Transplantation. 2021 , 57,		8	
58	The human aortic endothelium undergoes dose-dependent DNA methylation in response to transient hyperglycemia. 2021 , 400, 112485		9	
57	Effect of Bushen Huoxue Prescription on Cognitive Dysfunction of KK-Ay Type 2 Diabetic Mice. 2021 , 2021, 6656362		2	
56	Effects of metabolic memory on inflammation and fibrosis associated with diabetic kidney disease: an epigenetic perspective. 2021 , 13, 87		7	
55	In vitro chronic glycation induces AGEs accumulation reducing insulin-stimulated glucose uptake and increasing GLP1R in adipocytes. 2021 , 320, E976-E988		1	
54	Comprehensive overview of human serum albumin glycation in diabetes mellitus. 2021 , 12, 1057-1069		2	
53	Diabetes Mellitus and Its Metabolic Complications: The Role of Adipose Tissues. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5	
52	Dietary AGEs as Exogenous Boosters of Inflammation. 2021 , 13,		6	
51	Chronic venous disease and diabetic microangiopathy: pathophysiology and commonalities. 2021 , 40, 457-469		1	
50	Comparison of bovine serum albumin glycation by ribose and fructose in vitro and in vivo. 2022 , 1868, 166283		O	
49	Effect of Pyridoxal Phosphate on Atherosclerosis and Nephropathy Progression in Atherosclerotic Rats. <i>Journal of Advances in Medical and Biomedical Research</i> , 2021 , 29, 21-27	0.4	1	
48	Role of Moesin in Advanced Glycation End Products-Induced Angiogenesis of Human Umbilical Vein Endothelial Cells. <i>Scientific Reports</i> , 2016 , 6, 22749	4.9	17	
47	Accumulation of advanced glycation end-products and activation of the SCAP/SREBP Lipogenetic pathway occur in diet-induced obese mouse skeletal muscle. <i>PLoS ONE</i> , 2015 , 10, e0119587	3.7	36	
46	Receptor for Advanced Glycation End-Products Signaling Interferes with the Vascular Smooth Muscle Cell Contractile Phenotype and Function. <i>PLoS ONE</i> , 2015 , 10, e0128881	3.7	32	
45	Skin Autofluorescence and Subclinical Atherosclerosis in Mild to Moderate Chronic Kidney Disease: A Case-Control Study. <i>PLoS ONE</i> , 2017 , 12, e0170778	3.7	10	
44	Cardiovascular risk factors as determinants of retinal and skin microvascular function: The Maastricht Study. <i>PLoS ONE</i> , 2017 , 12, e0187324	3.7	14	
43	Interplay between reactive oxygen species and autophagy in the course of age-related macular degeneration. <i>EXCLI Journal</i> , 2020 , 19, 1353-1371	2.4	3	

42	Endothelium as a Therapeutic Target in Diabetes Mellitus: From Basic Mechanisms to Clinical Practice. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1089-1131	4.3	15
41	L-carnosine and its Derivatives as New Therapeutic Agents for the Prevention and Treatment of Vascular Complications of Diabetes. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1744-1763	4.3	12
40	Treatment of Diabetic Cardiovascular Autonomic, Peripheral and Painful Neuropathy. Focus on the Treatment of Cardiovascular Autonomic Neuropathy with ACE Inhibitors. <i>Current Vascular Pharmacology</i> , 2020 , 18, 158-171	3.3	5
39	HISTOLOGICAL CHANGES IN LIVER AND KIDNEYS IN EXPERIMENTAL TYPE 2 DIABETES MELLITUS AND ITS CORRECTION BY ADMINISTRATION OF GALEGA OFFICINALIS L. PHYTOCOMPOSITIONS. <i>World of Medicine and Biology</i> , 2018 , 14, 133	0.2	1
38	Monitoring of glycation, oxidative stress and inflammation in relation to the occurrence of vascular complications in patients with type 2 diabetes mellitus. <i>Physiological Research</i> , 2014 , 63, 297-309	2.1	22
37	Retinopathy in non diabetics, diabetic retinopathy and oxidative stress: a new phenotype in Central Africa?. <i>International Journal of Ophthalmology</i> , 2014 , 7, 293-301	1.4	8
36	Postural variation of pulmonary diffusing capacity as a marker of lung microangiopathy in Indian patients with type 2 diabetes mellitus. <i>Indian Journal of Endocrinology and Metabolism</i> , 2016 , 20, 238-44	1.7	5
35	Insulin growth factor binding protein-3 enhances dental implant osseointegration against methylglyoxal-induced bone deterioration in a rat model <i>Journal of Periodontal and Implant Science</i> , 2022 , 52, 155-169	2	
34	A comprehensive mechanistic and therapeutic insight into the effect of chicory (Cichorium intybus) supplementation in diabetes mellitus: A systematic review of literature. <i>International Journal of Clinical Practice</i> , 2021 , e14945	2.9	2
33	Hip Fracture Risk Is Strongly Related to Circulating Levels of the Advanced Glycation End Product Carboxy-Methyl Lysine (CML). <i>Exposure and Health</i> , 2015 , 1-15	8.8	
32	Hip Fracture Risk Is Strongly Related to Circulating Levels of the Advanced Glycation End Product Carboxy-Methyl Lysine (CML). <i>Biomarkers in Disease</i> , 2017 , 407-420		
31	Morphological changes in various organs of rats in cases of alloxan-induced diabetes. <i>Bulletin Veterinary Biotechnology</i> , 2017 , 30, 152-163	0.2	
30	Physical Impairments Associated with Diseases: A Pathophysiological Approach. 2019 , 597-617		
29	Influences of advanced glycosylation end products on the inner blood-retinal barrier in a co-culture cell model. <i>Open Life Sciences</i> , 2020 , 15, 619-628	1.2	
28	Advanced Glycation End Products. 2020 , 553-562		
27	Correlation Between Hemoglobin Glycosylation Index and Nerve Conduction Velocity in Patients with Type 2 Diabetes Mellitus. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy,</i> 2021 , 14, 4757-4765	3.4	1
26	The role of advanced glycation end products in patogenesis of diabetic nephropathy. <i>Diabetes Mellitus</i> , 2022 , 24, 461-469	1.6	
25	Advanced Glycation End Products Predict Loss of Renal Function and High-Risk Chronic Kidney Disease in Type 2 Diabetes <i>Diabetes Care</i> , 2022 ,	14.6	2

24	Elevated level of uric acid, but not glucose, in aqueous humor as a risk factor for diabetic macular edema in patients with type 2 diabetes <i>Retina</i> , 2022 ,	3.6	
23	Gut microbiome and diabetic retinopathy European Journal of Ophthalmology, 2022, 11206721221083	3068	Ο
22	Dietary advanced glycation end-products affects the progression of early diabetes by intervening in carbohydrate and lipid metabolism <i>Molecular Nutrition and Food Research</i> , 2022 , e2200046	5.9	1
21	The Role of Advanced Glycation End Products and Its Soluble Receptor in Kidney Diseases <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
20	Effectiveness of Early Advanced Glycation End Product Accumulation Testing in the Diagnosis of Diabetes: A Health Risk Factor Analysis Using the Body Mass Index as a Moderator <i>Frontiers in Endocrinology</i> , 2021 , 12, 766778	5.7	О
19	Curcumin is a Potential Adjuvant to Alleviates Diabetic Retinal Injury Reducing Oxidative Stress and Maintaining Nrf2 Pathway Homeostasis <i>Frontiers in Pharmacology</i> , 2021 , 12, 796565	5.6	2
18	Diabetic foot care knowledge and practice in type 2 diabetes and relation to microvascular complications in Alexandria (Egypt) <i>Endocrine Regulations</i> , 2022 , 56, 95-103	1.9	О
17	Advanced Glycation End Products in the Skin: Molecular Mechanisms, Methods of Measurement, and Inhibitory Pathways. <i>Frontiers in Medicine</i> , 2022 , 9,	4.9	O
16	Investigation of the association between lens autofluorescence ratio and diabetes: a cross-sectional study <i>Photodiagnosis and Photodynamic Therapy</i> , 2022 , 102888	3.5	
15	Die angiologische Diagnostik und Therapie beim diabetischen Fu □2022 , 13-21		
14	Biochemical mechanism underlying the pathogenesis of diabetic retinopathy and other diabetic complications in humans: the methanol-formaldehyde-formic acid hypothesis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2022 , 54, 415-451	2.8	
13	The role of oral microbiome in periodontitis under diabetes mellitus. <i>Journal of Oral Microbiology</i> , 2022 , 14,	6.3	1
12	Skin accumulation of advanced glycation end products and cardiovascular risk in Korean patients with type 2 diabetes mellitus. <i>Heliyon</i> , 2022 , e09571	3.6	1
11	Advanced Glycation End Products in Diabetes. <i>Biomarkers in Disease</i> , 2022 , 1-25		
10	Comparison of matrix metalloproteinase 9 and 14 levels in vitreous samples in diabetic and non-diabetic patients: a case control study. <i>International Journal of Retina and Vitreous</i> , 2022 , 8,	2.9	О
9	Impact of Enhanced Phagocytosis of Glycated Erythrocytes on Human Endothelial Cell Functions. <i>Cells</i> , 2022 , 11, 2200	7.9	O
8	Anti-Inflammatory, Anti-Diabetic, Anti-Oxidant and Cytotoxicity Assays of South African Herbal Teas and Bush Tea Blends. <i>Foods</i> , 2022 , 11, 2233	4.9	O
7	Advanced Glycation End Products in Diabetes. 2023 , 171-194		O

6	Endogenous advanced glycation end products in the pathogenesis of chronic diabetic complications. 9,	1
5	Pathology and prevention of brain microvascular and neuronal dysfunction induced by a high-fructose diet in rats.	O
4	Expression of advanced glycation end products and receptors in gingival tissues of patients with noninsulin-dependent diabetes mellitus-associated periodontitis. 2022 ,	O
3	Antioxidant Action of Hesperis matronalis L. in Chronic Experimental Diabetes.	Ο
2	Evaluation of coronary function in female rats with severe type 1 diabetes: Effects of combined treatment with insulin and pyridoxamine. 2023 , 146, 104474	О