

Global and regional diabetes prevalence estimates for 2019 and 2045: Results from the International Diabetes Federation

Diabetes Research and Clinical Practice

157, 107843

DOI: [10.1016/j.diabres.2019.107843](https://doi.org/10.1016/j.diabres.2019.107843)

Citation Report

#	ARTICLE	IF	CITATIONS
1	IDF Diabetes Atlas: A review of studies utilising retinal photography on the global prevalence of diabetes related retinopathy between 2015 and 2018. <i>Diabetes Research and Clinical Practice</i> , 2019, 157, 107840.	1.1	202
2	Oral administration of NPC43 counters hyperglycemia and activates insulin receptor in streptozotocin-induced type 1 diabetic mice. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001695.	1.2	5
3	Epidemiology of dialysis-treated end-stage renal disease patients in Kazakhstan: data from nationwide large-scale registry 2014–2018. <i>BMC Nephrology</i> , 2020, 21, 407.	0.8	12
4	<p>Contrast-Sensitivity Function and Photo Stress“Recovery Time in Prediabetes</p>. <i>Clinical Optometry</i> , 2020, Volume 12, 151-155.	0.4	5
5	Expression of ACE2, the SARS-CoV-2 Receptor, in Lung Tissue of Patients With Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 2691-2699.	0.3	55
6	Role of VEGF-A and LRG1 in Abnormal Angiogenesis Associated With Diabetic Nephropathy. <i>Frontiers in Physiology</i> , 2020, 11, 1064.	1.3	42
7	Potato Preload Mitigated Postprandial Glycemic Excursion in Healthy Subjects: An Acute Randomized Trial. <i>Nutrients</i> , 2020, 12, 2759.	1.7	6
8	Time-domain photoacoustic waveform analysis for glucose measurement. <i>Analyst, The</i> , 2020, 145, 7964-7972.	1.7	11
9	<i>Gustavia gracillima</i> Miers. flowers effects on enzymatic targets underlying metabolic disorders and characterization of its polyphenolic content by HPLC-DAD-ESI/MS. <i>Food Research International</i> , 2020, 137, 109694.	2.9	2
10	<p>The Clinical Utility of Salivary Biomarkers in the Identification of Type 2 Diabetes Risk and Metabolic Syndrome</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3587-3599.	1.1	9
11	Therapeutic potential of mesenchymal stem cells in treating both types of diabetes mellitus and associated diseases. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1979-1993.	0.8	3
12	miR-383 ameliorates high glucose-induced β -cells apoptosis and hyperglycemia in high-fat induced diabetic mice. <i>Life Sciences</i> , 2020, 263, 118571.	2.0	10
13	Facial erythema detects diabetic neuropathy using the fusion of machine learning, random matrix theory and self organized criticality. <i>Scientific Reports</i> , 2020, 10, 16785.	1.6	3
14	Alpha Amylase Inhibitory Potential and Mode of Inhibition of Oils from <i>Allium sativum</i> (Garlic) and <i>Allium cepa</i> (Onion). <i>Clinical Medicine Insights: Endocrinology and Diabetes</i> , 2020, 13, 117955142096310.	1.0	11
15	Motivation and Barriers to Maintaining Lifestyle Changes in Patients with Type 2 Diabetes after an Intensive Lifestyle Intervention (The U-TURN Trial): A Longitudinal Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7454.	1.2	50
16	Type 2 diabetes mellitus metabolic control correlates with the phenotype of human monocytes and monocyte-derived macrophages. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107708.	1.2	15
17	Diabetic Retinopathy: The Role of Mitochondria in the Neural Retina and Microvascular Disease. <i>Antioxidants</i> , 2020, 9, 905.	2.2	35
18	Selenium“leome droserifolia“nanoparticles (Se-CNPs) and it's ameliorative effects in experimentally induced diabetes mellitus. <i>Clinical Nutrition ESPEN</i> , 2020, 40, 383-391.	0.5	11

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19	Introducing a novel therapy for type 2 diabetes to primary care. <i>Postgraduate Medicine</i> , 2020, 132, 1-2.	0.9	0
20	Antibacterial-Integrated Collagen Wound Dressing for Diabetes-Related Foot Ulcers: An Evidence-Based Review of Clinical Studies. <i>Polymers</i> , 2020, 12, 2168.	2.0	40
21	Dysfunction of the neurovascular unit in diabetes-related neurodegeneration. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110656.	2.5	18
22	Elevated 4-hydroxynonenal induces hyperglycaemia via Aldh3a1 loss in zebrafish and associates with diabetes progression in humans. <i>Redox Biology</i> , 2020, 37, 101723.	3.9	36
23	Diabetes care and education training evaluation for General Practitioners and Specialists in Ecuador – Results from needs assessment survey. <i>Diabetes Research and Clinical Practice</i> , 2020, 164, 108253.	1.1	0
24	Acetic acid stimulates G-protein-coupled receptor GPR43 and induces intracellular calcium influx in L6 myotube cells. <i>PLoS ONE</i> , 2020, 15, e0239428.	1.1	22
25	Targets and mechanisms of dietary anthocyanins to combat hyperglycemia and hyperuricemia: a comprehensive review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1119-1143.	5.4	22
26	Predicting Diabetic Neuropathy Risk Level Using Artificial Neural Network and Clinical Parameters of Subjects With Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 275-281.	1.3	6
27	Can Smart Pens Help Improve Diabetes Management?. <i>Journal of Diabetes Science and Technology</i> , 2022, 16, 628-634.	1.3	19
28	The Benefits of Flavonoids in Diabetic Retinopathy. <i>Nutrients</i> , 2020, 12, 3169.	1.7	32
29	Clinical characteristics and short term outcomes after recovery from COVID-19 in patients with and without diabetes in Bangladesh. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 2031-2038.	1.8	51
30	Magnitude and determinants of drug therapy problems among type 2 diabetes mellitus patients with hypertension in Ethiopia. <i>SAGE Open Medicine</i> , 2020, 8, 205031212095469.	0.7	5
31	Piperine ameliorates insulin resistance via inhibiting metabolic inflammation in monosodium glutamate-treated obese mice. <i>BMC Endocrine Disorders</i> , 2020, 20, 152.	0.9	20
32	Updated Meta-analysis Assessing the Effect of Sodium-Glucose Co-transporter-2 Inhibitors on Surrogate End points in Patients With Heart Failure With Reduced Ejection Fraction. <i>American Journal of Cardiology</i> , 2020, 137, 130-132.	0.7	2
33	Synergistic Effects of Regular Walking and Alkaline Electrolyzed Water on Decreasing Inflammation and Oxidative Stress, and Increasing Quality of Life in Individuals with Type 2 Diabetes: A Community Based Randomized Controlled Trial. <i>Antioxidants</i> , 2020, 9, 946.	2.2	15
34	Treatment with Mammalian Ste-20-like Kinase 1/2 (MST1/2) Inhibitor XMU-MP-1 Improves Glucose Tolerance in Streptozotocin-Induced Diabetes Mice. <i>Molecules</i> , 2020, 25, 4381.	1.7	14
35	PG545 alleviates diabetic retinopathy by promoting retinal Müller cell autophagy to inhibit the inflammatory response. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 452-458.	1.0	13
36	Astaxanthin Inhibits p70 S6 Kinase 1 Activity to Sensitize Insulin Signaling. <i>Marine Drugs</i> , 2020, 18, 495.	2.2	5

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37	Protective Effects of Grape Seed Proanthocyanidins on the Kidneys of Diabetic Rats through the Nrf2 Signalling Pathway. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-9.	0.5	21
38	Association Between Vitamin D Status and Diabetic Complications in Patients With Type 2 Diabetes Mellitus: A Cross-Sectional Study in Hunan China. Frontiers in Endocrinology, 2020, 11, 564738.	1.5	33
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43	The effect of low intensity pulsed ultrasound on dentoalveolar structures during orthodontic force application in diabetic ex-vivo model. Archives of Oral Biology, 2020, 119, 104883.	0.8	6
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46	Diagnosing diabetes mellitus from smartphone-based vascular signals. Nature Reviews Endocrinology, 2020, 16, 681-682.	4.3	4
47	Unwinding Complexities of Diabetic Alzheimer by Potent Novel Molecules. American Journal of Alzheimer's Disease and Other Dementias, 2020, 35, 153331752093754.	0.9	16
48	Revising Diabetes Programming for Black Men and Their Families. Global Qualitative Nursing Research, 2020, 7, 233339362096018.	0.7	3
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50	Mormodica charantia L. fruit and Genistein ameliorates type 2 diabetes in rats by preventing lipid accumulation, insulin resistance and enhancing beta cell function. Journal of Diabetes and Metabolic Disorders, 2020, 19, 1303-1310.	0.8	14
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52	Nonoperating room anesthesia for patients with serious comorbidities. Current Opinion in Anaesthesiology, 2020, 33, 594-600.	0.9	3
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56	Hemoglobin glycation index in relationship to the risk of cardiovascular complication in patients with type 2 diabetes: A systematic review and meta-analysis. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107673.	1.2	7
57	Sphingosine-1-Phosphate Metabolism in the Regulation of Obesity/Type 2 Diabetes. <i>Cells</i> , 2020, 9, 1682.	1.8	39
58	An updated drug profile of ticagrelor with considerations on the treatment of patients with coronary artery disease and diabetes mellitus. <i>Expert Review of Cardiovascular Therapy</i> , 2020, 18, 449-464.	0.6	6
59	Integrating Traditional and Complementary Medicine Recommendations into Clinical Practice Guidelines for People with Diabetes in Need of Palliative and End-of-Life Care: A Scoping Review. <i>Journal of Alternative and Complementary Medicine</i> , 2020, 26, 571-591.	2.1	1
60	Relevance of Essential Trace Elements in Nutrition and Drinking Water for Human Health and Autoimmune Disease Risk. <i>Nutrients</i> , 2020, 12, 2074.	1.7	67
61	Therapeutic potential of mushrooms in diabetes mellitus: Role of polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1194-1205.	3.6	66
62	Optical coherence tomography features of neovascularization in proliferative diabetic retinopathy: a systematic review. <i>International Journal of Retina and Vitreous</i> , 2020, 6, 26.	0.9	31
64	ZG02 Improved Hepatic Glucose Metabolism and Insulin Sensitivity via Activation of AMPK/Sirt1 Signaling Pathways in a High-fat Diet/Streptozotocin-induced Type 2 Diabetes Model. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 4333-4339.	1.1	3
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66	Effectiveness of the Healthy Lifestyle Promotion Program for Yaquis with Obesity and Risk of Diabetes in the Short and Medium Term: A Translational Study. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-13.	1.0	3
67	Influencia del estado nutricional sobre la estancia media hospitalaria en el paciente con diabetes mellitus tipo 2. <i>Endocrinología, Diabetes Y Nutrición</i> , 2020, 67, 617-624.	0.1	5
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69	Diabetes Mellitus Is a Chronic Disease that Can Benefit from Therapy with Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8685.	1.8	13
70	Clinical Efficacy of Single Application Local Drug Delivery and Adjunctive Agents in Nonsurgical Periodontal Therapy: A Systematic Review and Network Meta-Analysis. <i>Pharmaceutics</i> , 2020, 12, 1086.	2.0	9
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73	Optical coherence tomography-based diabetic macula edema screening with artificial intelligence. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 1034-1038.	0.6	14

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75	Efficacy of community-based self-care interventions to improve biophysical, psychosocial or behavioural outcomes among community-dwelling older adults with type 2 diabetes: A systematic review and meta-analysis. <i>Diabetes Research and Clinical Practice</i> , 2020, 169, 108411.	1.1	9
76	Vitamin A and Diabetes. <i>Journal of Medicinal Food</i> , 2021, 24, 775-785.	0.8	18
77	Transplantation of photobiomodulation-preconditioned diabetic stem cells accelerates ischemic wound healing in diabetic rats. <i>Stem Cell Research and Therapy</i> , 2020, 11, 494.	2.4	38
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79	Role of metformin in various pathologies: state-of-the-art microcapsules for improving its pharmacokinetics. <i>Therapeutic Delivery</i> , 2020, 11, 733-753.	1.2	6
80	Impact of Type 2 Diabetes Mellitus and Antidiabetic Medications on Bone Metabolism. <i>Current Diabetes Reports</i> , 2020, 20, 78.	1.7	16
81	Introduction and Fundamentals of Human Islet Amyloid Polypeptide Inhibitors. <i>ACS Applied Bio Materials</i> , 2020, 3, 8286-8308.	2.3	20
82	Mechanisms of Antidiabetic Activity of Methanolic Extract of Punica granatum Leaves in Nicotinamide/Streptozotocin-Induced Type 2 Diabetes in Rats. <i>Plants</i> , 2020, 9, 1609.	1.6	22
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85	Impact of Family Medicine Training on the Quality of Care for patients of diabetes in&A Saudi Arabia. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 2191-2198.	1.8	1
87	Effects of probiotics on glycemic control and intestinal dominant flora in patients with type 2 diabetes mellitus. <i>Medicine (United States)</i> , 2020, 99, e23039.	0.4	11
88	Dietary fruit and vegetable intake, gut microbiota, and type 2 diabetes: results from two large human cohort studies. <i>BMC Medicine</i> , 2020, 18, 371.	2.3	74
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94	Content Validation of an Instrument for the Assessment of School Teachersâ€™ Levels of Knowledge of Diabetes through Expert Judgment. International Journal of Environmental Research and Public Health, 2020, 17, 8605.	1.2	8
95	Essentials of a Robust Deep Learning System for Diabetic Retinopathy Screening: A Systematic Literature Review. Journal of Ophthalmology, 2020, 2020, 1-11.	0.6	10
96	<p>Type 2 Diabetes Correlates with Comorbidity and Nutritional Status but Not with Functional Health in Geriatric Ward Patients: A Cross-Sectional Study in Poland</p>. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 4599-4607.	1.1	5
97	Invitations and incentives: a qualitative study of behavioral nudges for primary care screenings in Armenia. BMC Health Services Research, 2020, 20, 1110.	0.9	6
98	Prognostic factors for the development and progression of proliferative diabetic retinopathy in people with diabetic retinopathy. The Cochrane Library, 2020, , .	1.5	1
99	Updated Meta-Analysis of Trials Assessing the Cardiovascular Efficacy of Sodium-Glucose Co-Transporter-2 Inhibitors and Glucagon-Like Peptide-1 Receptor Agonists in Black Patients. American Journal of Cardiology, 2020, 137, 133-135.	0.7	2
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106	Association between type 2 diabetes and non-exercise estimated cardiorespiratory fitness among adults: evidences from a middle-income country. Public Health, 2020, 189, 110-114.	1.4	4
107	The AHR Signaling Attenuates Autoimmune Responses During the Development of Type 1 Diabetes. Frontiers in Immunology, 2020, 11, 1510.	2.2	21
108	Association of Serum Calcium and Phosphate Concentrations with Glucose Metabolism Markers: The Furukawa Nutrition and Health Study. Nutrients, 2020, 12, 2344.	1.7	13
109	Diabetic retinopathy screening in urban primary care setting with a handheld smartphone-based retinal camera. Acta Diabetologica, 2020, 57, 1493-1499.	1.2	24
110	Beyond 2020: Modelling obesity and diabetes prevalence. Diabetes Research and Clinical Practice, 2020, 167, 108362.	1.1	67

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111	<i>Nigella sativa</i> and <i>Trigonella foenum-graecum</i> Supplemented Chapatis Safely Improve HbA1c, Body Weight, Waist Circumference, Blood Lipids, and Fatty Liver in Overweight and Diabetic Subjects: A Twelve-Week Safety and Efficacy Study. <i>Journal of Medicinal Food</i> , 2020, 23, 905-919.	0.8	17
112	Preadmission Diabetes-Specific Risk Factors for Mortality in Hospitalized Patients With Diabetes and Coronavirus Disease 2019. <i>Diabetes Care</i> , 2020, 43, 2339-2344.	4.3	81
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116	Hypothesized mechanisms explaining poor prognosis in type 2 diabetes patients with COVID-19: a review. <i>Endocrine</i> , 2020, 70, 441-453.	1.1	23
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118	Prevalence of Diabetes and Hypertension and Their Associated Risks for Poor Outcomes in Covid-19 Patients. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa102.	0.1	56
119	The Impact of Diabetes Mellitus on Cardiovascular Risk Onset in Children and Adolescents. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4928.	1.8	25
120	Mediterranean Diet Effects on Type 2 Diabetes Prevention, Disease Progression, and Related Mechanisms. A Review. <i>Nutrients</i> , 2020, 12, 2236.	1.7	133
121	Dimethyl-2-oxoglutarate improves redox balance and mitochondrial function in muscle pericytes of individuals with diabetes mellitus. <i>Diabetologia</i> , 2020, 63, 2205-2217.	2.9	15
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124	The anti-diabetic activity of licorice, a widely used Chinese herb. <i>Journal of Ethnopharmacology</i> , 2020, 263, 113216.	2.0	42
125	Theoretical and empirical quantification of the accuracy of polygenic scores in ancestry divergent populations. <i>Nature Communications</i> , 2020, 11, 3865.	5.8	129
126	Molecular dynamics simulation for screening phytochemicals as α -amylase inhibitors from medicinal plants. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6524-6538.	2.0	31
127	Towards Non-Contact Glucose Sensing in Aqueous Turbid Medium at \sim 1.1 Meters Distance. <i>IEEE Photonics Journal</i> , 2020, 12, 1-23.	1.0	6
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130	Genetic variants in glutamate cysteine ligase confer protection against type 2 diabetes. <i>Molecular Biology Reports</i> , 2020, 47, 5793-5805.	1.0	14
131	Perceived risk, behavior changes and Health-related outcomes during COVID-19 pandemic: Findings among adults with and without diabetes in China. <i>Diabetes Research and Clinical Practice</i> , 2020, 167, 108350.	1.1	65
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133	Genome-wide profiling of DNA methylation and gene expression identifies candidate genes for human diabetic neuropathy. <i>Clinical Epigenetics</i> , 2020, 12, 123.	1.8	26
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138	The Impact of FTO Genetic Variants on Obesity and Its Metabolic Consequences is Dependent on Daily Macronutrient Intake. <i>Nutrients</i> , 2020, 12, 3255.	1.7	20
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140	Diabetes Care During Hajj. <i>Diabetes Therapy</i> , 2020, 11, 2829-2844.	1.2	1
141	<p>The Association Between Femoral Artery Intima-Media Thickness and Serum Glucagon-Like Peptide-1 Levels Among Newly Diagnosed Patients with Type 2 Diabetes Mellitus</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3561-3570.	1.1	6
142	<p>Relationship Between Metabolic Syndrome and Bone Health â€“ An Evaluation of Epidemiological Studies and Mechanisms Involved</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 3667-3690.	1.1	30
143	Gut Microbiota as a Trigger for Metabolic Inflammation in Obesity and Type 2 Diabetes. <i>Frontiers in Immunology</i> , 2020, 11, 571731.	2.2	281
144	Perspectives of healthcare workers on factors influencing diabetes management and diabetic foot problems in Zimbabwe. <i>Journal of Endocrinology Metabolism and Diabetes of South Africa</i> , 2020, 25, 57-62.	0.4	3
145	Effect of antidiabetic therapy on TNF-Î±, IL-18, IL-23 and IL-35 levels in T2DM patients with coincidental <i>Helicobacter pylori</i> infection. <i>Journal of Taibah University for Science</i> , 2020, 14, 1377-1385.	1.1	1
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1956	A randomized, double-blind clinical trial of a herbal formulation (GlycaCare-II) for the management of type 2 diabetes in comparison with metformin. <i>Diabetology and Metabolic Syndrome</i> , 2021, 13, 132.	1.2	6
1957	How is the Behavior Change Technique Content of the NHS Diabetes Prevention Program Understood by Participants? A Qualitative Study of Fidelity, With a Focus on Receipt. <i>Annals of Behavioral Medicine</i> , 2022, 56, 749-759.	1.7	13
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1964	The links between sleep duration, obesity and type 2 diabetes mellitus. <i>Journal of Endocrinology</i> , 2022, 252, 125-141.	1.2	83
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1969	Patterns of Insulin Secretion During First-Phase Insulin Secretion in Normal Chinese Adults. <i>Frontiers in Endocrinology</i> , 2021, 12, 738427.	1.5	2
1970	Therapeutic effect of simultaneous intravitreal dexamethasone and aflibercept on diabetic macular edema. <i>Acta Diabetologica</i> , 2022, 59, 501-508.	1.2	8
1971	Self-management behavior and fasting plasma glucose control in patients with type 2 diabetes mellitus over 60years old: multiple effects of social support on quality of life. <i>Health and Quality of Life Outcomes</i> , 2021, 19, 254.	1.0	12
1972	Association between diabetes and keratoconusâ€”a systematic review and meta-analysis. <i>European Journal of Ophthalmology</i> , 2022, 32, 23-30.	0.7	3
1973	Upper thigh loop prosthetic arterio-venous grafts (AVG) for dialysis access: An Indian perspective. <i>Journal of Vascular Access</i> , 2021, , 112972982110556.	0.5	1
1974	Gut microbiome status of urban and rural Filipino adults in relation to diet and metabolic disorders. <i>FEMS Microbiology Letters</i> , 2021, 368, .	0.7	3
1975	Effectiveness of Medicinal Plants for Glycaemic Control in Type 2 Diabetes: An Overview of Meta-Analyses of Clinical Trials. <i>Frontiers in Pharmacology</i> , 2021, 12, 777561.	1.6	28
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1983	<i>Auricularia auricula</i> (Bull.) polysaccharides improve type 2 diabetes in HFD/STZ-induced mice by regulating the AKT/AMPK signaling pathways and the gut microbiota. <i>Journal of Food Science</i> , 2021, 86, 5479-5494.	1.5	15
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2092	The association between estimated glomerular filtration rate and prognosis in patients with diabetic foot osteomyelitis. <i>International Wound Journal</i> , 2022, , .	1.3	4
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2401	Gut Microbiota: An Important Player in Type 2 Diabetes Mellitus. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 834485.	1.8	76
2402	Dietary Inflammatory Index in relation to Type 2 Diabetes: A Meta-Analysis. <i>International Journal of Clinical Practice</i> , 2022, 2022, 1-14.	0.8	8
2403	Research on prediction of daily admissions of respiratory diseases with comorbid diabetes in Beijing based on long short-term memory recurrent neural network. <i>Zhejiang Da Xue Xue Bao Yi Xue Ban = Journal of Zhejiang University Medical Sciences</i> , 2022, 51, 1-9.	0.1	0
2404	Association between intrahepatic triglyceride content in subjects with metabolically healthy abdominal obesity and risks of pre-diabetes plus diabetes: an observational study. <i>BMJ Open</i> , 2022, 12, e057820.	0.8	4
2405	Liraglutide Lowers Palmitoleate Levels in Type 2 Diabetes. A Post Hoc Analysis of the LIRAFLAME Randomized Placebo-Controlled Trial. <i>Frontiers in Clinical Diabetes and Healthcare</i> , 2022, 3, .	0.3	0
2406	Prevalence, Awareness, Treatment and Control of Diabetes in India From the Countrywide National NCD Monitoring Survey. <i>Frontiers in Public Health</i> , 2022, 10, 748157.	1.3	53
2407	A Meta-Analysis of the Effectiveness of Telemedicine in Glycemic Management among Patients with Type 2 Diabetes in Primary Care. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4173.	1.2	18
2408	Aquaporin 9 regulates Leydig cell steroidogenesis in diabetes. <i>Systems Biology in Reproductive Medicine</i> , 2022, 68, 213-226.	1.0	6
2409	Predictive performance of lipid parameters in identifying undiagnosed diabetes and prediabetes: a cross-sectional study in eastern China. <i>BMC Endocrine Disorders</i> , 2022, 22, 76.	0.9	7
2410	Potential Mechanisms of the Improvement of Glucose Homeostasis in Type 2 Diabetes by Pomegranate Juice. <i>Antioxidants</i> , 2022, 11, 553.	2.2	12
2411	Long-Term Oral Administration of Salidroside Alleviates Diabetic Retinopathy in db/db Mice. <i>Frontiers in Endocrinology</i> , 2022, 13, 861452.	1.5	2
2412	Isatin thiazoles as antidiabetic: Synthesis, in vitro enzyme inhibitory activities, kinetics, and in silico studies. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100481.	2.1	14
2413	Patient Self-Care and Caregiver Contribution to Patient Self-Care of Chronic Conditions: What Is Dyadic and What It Is Not. <i>Value in Health</i> , 2022, 25, 1165-1173.	0.1	7
2414	In vitro α -glucosidase inhibitory activity of <i>Tamarix nilotica</i> shoot extracts and fractions. <i>PLoS ONE</i> , 2022, 17, e0264969.	1.1	6
2415	Cost of healthcare utilization associated with incident cardiovascular and renal disease in individuals with type 2 diabetes: A multinational, observational study across 12 countries. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1277-1287.	2.2	15
2416	Mesenchymal Stem Cell-Derived Exosomes Loaded with miR-155 Inhibitor Ameliorate Diabetic Wound Healing. <i>Molecular Pharmaceutics</i> , 2022, 19, 1294-1308.	2.3	42
2417	Cost of illness analysis of diabetes mellitus with complications in one hospital in Surabaya. <i>Pharmacy Education</i> , 0, , 254-258.	0.2	0

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2419	Non-laboratory-based risk assessment model for case detection of diabetes mellitus and pre-diabetes in primary care. <i>Journal of Diabetes Investigation</i> , 2022, 13, 1374-1386.	1.1	6
2420	7. Diabetes mellitus SAMINOR-suohkanijn. <i>Septentrio Reports</i> , 2022, , .	0.1	0
2421	Development and Validation of the Diabetes Pen Experience Measure (DPEM): A New Patient-Reported Outcome Measure. <i>Journal of Diabetes Science and Technology</i> , 2022, , 193229682210793.	1.3	0
2422	Efficacy of Antioxidant Supplementation to Non-Surgical Periodontal Therapy on Metabolic Control in Type 2 Diabetes Patients: A Network Meta-Analysis. <i>Antioxidants</i> , 2022, 11, 621.	2.2	4
2423	Dynamically Bioresponsive DNA Hydrogel Incorporated with Dual-Functional Stem Cells from Apical Papilla-Derived Exosomes Promotes Diabetic Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16082-16099.	4.0	39
2425	Streptozotosin kaynaklı diyabette akciğer hasarı: deneysel bir çalışma. <i>Cukurova Medical Journal</i> , 2022, 47, 175-182.	0.1	1
2426	Endocrine, metabolic, and hepatic dysfunction in patients with COVID-19 pneumonia with severe and critically ill status. <i>Egyptian Journal of Bronchology</i> , 2022, 16, .	0.3	0
2427	The Role of Diabetes and Hyperglycemia on COVID-19 Infection Course: A Narrative Review. <i>Frontiers in Clinical Diabetes and Healthcare</i> , 2022, 3, .	0.3	3
2428	Linking Alzheimer's Disease and Type 2 Diabetes: Characterization and Inhibition of Cytotoxic A β and IAPP Hetero-Aggregates. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 842582.	1.6	6
2429	Predictors of in-hospital mortality in diabetic patients with non-ST-elevation myocardial infarction. <i>Egyptian Heart Journal</i> , 2022, 74, 20.	0.4	3
2430	Polymorphism rs1046495 of the GFER Gene as a New Genetic Marker of Predisposition to Type 2 Diabetes Mellitus. <i>Bulletin of Experimental Biology and Medicine</i> , 2022, 172, 587-591.	0.3	1
2431	The multifaceted role of cytochrome P450-Derived arachidonic acid metabolites in diabetes and diabetic cardiomyopathy. <i>Drug Metabolism Reviews</i> , 2022, 54, 141-160.	1.5	11
2432	Interleukin 6 in diabetes, chronic kidney disease, and cardiovascular disease: mechanisms and therapeutic perspectives. <i>Expert Review of Clinical Immunology</i> , 2022, 18, 377-389.	1.3	22
2433	The association of diabetes mellitus with carotid atherosclerosis and arterial stiffness in the Corinthia study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 567-576.	1.1	5
2434	Effects of Sodium-Glucose Cotransporter-2 Inhibitors on Weight in Type 2 Diabetes Mellitus and Therapeutic Regimen Recommendation. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-13.	1.0	3
2435	The interface of COVID-19, diabetes, and depression. <i>Discover Mental Health</i> , 2022, 2, 5.	1.0	11
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2438	Evaluation of a Type 2 diabetes risk reduction online program for women with recent gestational diabetes: a randomised trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022, 19, 35.	2.0	3
2439	Derivation and Validation of a Prediction Model of End-Stage Renal Disease in Patients With Type 2 Diabetes Based on a Systematic Review and Meta-analysis. <i>Frontiers in Endocrinology</i> , 2022, 13, 825950.	1.5	8
2440	Diabetes Increases Risk of Cardiovascular Events in Patients Receiving Permanent Pacemaker: A Propensity Score-Matched Cohort Study. <i>Journal of Diabetes Research</i> , 2022, 2022, 1-10.	1.0	6
2441	Expert Roundtable on Continuous Glucose Monitoring. <i>Endocrine Practice</i> , 2022, 28, 622-627.	1.1	3
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2443	Lactoferrin improves hepatic insulin resistance and pancreatic dysfunction in high-fat diet and streptozotocin-induced diabetic mice. <i>Nutrition Research</i> , 2022, 103, 47-58.	1.3	13
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2446	Identification of Type 2 Diabetes Based on a Ten-Gene Biomarker Prediction Model Constructed Using a Support Vector Machine Algorithm. <i>BioMed Research International</i> , 2022, 2022, 1-15.	0.9	5
2447	Glucose-responsive erythrocyte-bound nanoparticles for continuously modulated insulin release. <i>Nano Research</i> , 2022, 15, 5205-5215.	5.8	5
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2449	Possible Role of Wnt Signaling Pathway in Diabetic Retinopathy. <i>Current Drug Targets</i> , 2022, 23, 1372-1380.	1.0	3
2450	Twenty-four-hour and nocturnal ambulatory blood pressure variability patterns in diabetics and hypothyroid patients: Looking through different temporal windows. <i>Biological Rhythm Research</i> , 2022, 53, 1848-1862.	0.4	0
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2453	A digital online platform for education and certification of diabetic retinopathy health care professionals in the Region of Southern Denmark. <i>Acta Ophthalmologica</i> , 2022, 100, 589-595.	0.6	3
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2456	Glycaemic control in insulin deficient patients using different insulin delivery and glucose sensing devices: cross-sectional real-life study. <i>Diabetes Epidemiology and Management</i> , 2022, , 100072.	0.4	0
2457	Chitosan-Encapsulated Nano-selenium Targeting TCF7L2, PPAR β , and CAPN10 Genes in Diabetic Rats. <i>Biological Trace Element Research</i> , 2023, 201, 306-323.	1.9	8
2458	Antidiabetic Activity of Elephant Grass (<i>Cenchrus Purpureus</i> (Schumach.) Morrone) via Activation of PI3K/AkT Signaling Pathway, Oxidative Stress Inhibition, and Apoptosis in Wistar Rats. <i>Frontiers in Pharmacology</i> , 2022, 13, 845196.	1.6	13
2459	Stability of extemporaneously prepared sitagliptin phosphate solution. <i>PLoS ONE</i> , 2022, 17, e0262068.	1.1	0
2460	HNF1A β 45From Monogenic Diabetes to Type 2 Diabetes and Gestational Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2022, 13, 829565.	1.5	15
2461	Systemic and vitreous biomarkers – new insights in diabetic retinopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, , 1.	1.0	3
2462	Ramadan Fasting Among Older Children and Adolescents With Type 1 Diabetes Mellitus: A Real-World Study From the UAE. <i>Frontiers in Nutrition</i> , 2022, 9, 786678.	1.6	3
2463	Nonperfusion Area and Other Vascular Metrics by Wider Field Swept-Source OCT Angiography as Biomarkers of Diabetic Retinopathy Severity. <i>Ophthalmology Science</i> , 2022, 2, 100144.	1.0	14
2464	Molecular Insights on the Therapeutic Effect of Selected Flavonoids on Diabetic Neuropathy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 1828-1846.	1.1	5
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2466	Feasibility of Virtual Simulation-Based Diabetes Foot Care Education in Patients with Diabetes in Ethiopia: Protocol for a Randomized Controlled Trial. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2022, Volume 15, 995-1009.	1.1	2
2467	Dysmetabolism and Neurodegeneration: Trick or Treat?. <i>Nutrients</i> , 2022, 14, 1425.	1.7	8
2468	Temporal Speech Parameters Indicate Early Cognitive Decline in Elderly Patients With Type 2 Diabetes Mellitus. <i>Alzheimer Disease and Associated Disorders</i> , 2022, 36, 148-155.	0.6	4
2469	Mesenchymal stem cells derived from the kidney can ameliorate diabetic nephropathy through the TGF- β /Smad signaling pathway. <i>Environmental Science and Pollution Research</i> , 2022, 29, 53212-53224.	2.7	4
2470	Cutaneous microvascular reactivity in Charcot neuroarthropathy: a systematic review and meta-analysis. <i>Journal of Foot and Ankle Research</i> , 2022, 15, 17.	0.7	2
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2476	Momordica charantia nanoparticles potentiate insulin release and modulate antioxidant gene expression in pancreas of diabetic rats. Egyptian Journal of Medical Human Genetics, 2022, 23, .	0.5	3
2477	Morphological and functional changes in skeletal muscle in type 2 diabetes mellitus: A systematic review and meta-analysis. Physiotherapy Theory and Practice, 2023, 39, 1789-1815.	0.6	2
2478	Impact of Digital Health Education among Patients with Type 2 Diabetes Mellitus. National Journal of Community Medicine, 2022, 13, 171-174.	0.1	0
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2483	Effect of Tuberculosis (TB) and Diabetes mellitus (DM) integrated healthcare on bidirectional screening and treatment outcomes among TB patients and people living with DM in developing countries: a systematic review. Pathogens and Global Health, 2023, 117, 36-51.	1.0	5
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2496	Sodium-glucose co-transporter ² inhibitors in patients with type 2 diabetes: Barriers and solutions for improving uptake in routine clinical practice. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1187-1196.	2.2	12
2497	Suprachoroidal versus Intravitreal Triamcinolone Acetonide for the Treatment of Diabetic Macular Edema. <i>Clinical Ophthalmology</i> , 2022, Volume 16, 733-746.	0.9	8
2498	Hyperkalemia in Diabetes Mellitus Setting. <i>Diseases (Basel, Switzerland)</i> , 2022, 10, 20.	1.0	6
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2503	General Health Benefits and Pharmacological Activities of <i>Triticum aestivum</i> L.. <i>Molecules</i> , 2022, 27, 1948.	1.7	155
2504	Antioxidant for treatment of diabetic complications: A meta-analysis and systematic review. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23038.	1.4	9
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2508	The Clinical Effects of Type 2 Diabetes Patient Management Using Digital Healthcare Technology: A Systematic Review and Meta-Analysis. <i>Healthcare (Switzerland)</i> , 2022, 10, 522.	1.0	3

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2510	Effect of different dietary fats on inflammation and glucose intolerance in high fructose and high fat fed experimental animals. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2022, .	0.3	0
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2516	Vision-related symptoms, accommodative and binocular vision performance in young diabetics vs. normal controls. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 904-912.	1.0	1
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2522	An insight into the mechanisms of COVID-19, SARS-CoV2 infection severity concerning Î²2-cell survival and cardiovascular conditions in diabetic patients. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1681-1695.	1.4	15
2523	Worldwide estimates of incidence of type 2 diabetes in children and adolescents in 2021. <i>Diabetes Research and Clinical Practice</i> , 2022, 185, 109785.	1.1	37
2524	NFU-Net: An Automated Framework for the Detection of Neurotrophic Foot Ulcer Using Deep Convolutional Neural Network. <i>Neural Processing Letters</i> , 2022, 54, 3705-3726.	2.0	7
2525	Impact of Preoperative Type 2 Diabetes Mellitus on the Outcomes of Gastric Cancer Patients Following Gastrectomy: A Propensity Score Matching Analysis. <i>Frontiers in Surgery</i> , 2022, 9, 850265.	0.6	8
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2529	Consumer acceptance and preference for brown rice—A mixed—method qualitative study from Nepal. <i>Food Science and Nutrition</i> , 0, , .	1.5	2
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