

Michael Roden

List of Publications by Year in descending order

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Version: 2024-02-01

355
papers

33,459
citations

6254

80
h-index

4885

168
g-index

384
all docs

384
docs citations

384
times ranked

44192
citing authors

#	ARTICLE	IF	CITATIONS
1	A healthy lifestyle during adolescence was inversely associated with fatty liver indices in early adulthood: findings from the DONALD cohort study. <i>British Journal of Nutrition</i> , 2023, 129, 513-522.	2.3	6
2	Prevalence and Factors Associated With Statin Use Among Patients With Nonalcoholic Fatty Liver Disease in the TARGET-NASH Study. <i>Clinical Gastroenterology and Hepatology</i> , 2022, 20, 458-460.e4.	4.4	21
3	Dietary palmitate and oleate differently modulate insulin sensitivity in human skeletal muscle. <i>Diabetologia</i> , 2022, 65, 301-314.	6.3	17
4	Advancing the global public health agenda for NAFLD: a consensus statement. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 60-78.	17.8	330
5	Prediabetes and risk of mortality, diabetes-related complications and comorbidities: umbrella review of meta-analyses of prospective studies. <i>Diabetologia</i> , 2022, 65, 275-285.	6.3	110
6	Physical Fitness and Cardiovascular Risk Factors in Novel Diabetes Subgroups. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1127-1139.	3.6	14
7	Differences in the prevalence of erectile dysfunction between novel subgroups of recent-onset diabetes. <i>Diabetologia</i> , 2022, 65, 552-562.	6.3	14
8	Elevated liver enzymes and comorbidities in type 2 diabetes: A multicentre analysis of 51 645 patients from the Diabetes Prospective Follow-up (DPV) database. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 727-732.	4.4	5
9	Association of serum uromodulin with adipokines in dependence of type 2 diabetes. <i>Cytokine</i> , 2022, 150, 155786.	3.2	2
10	A novel diabetes typology: towards precision diabetology from pathogenesis to treatment. <i>Diabetologia</i> , 2022, 65, 1770-1781.	6.3	54
11	Association of renin and aldosterone with glucose metabolism in a Western European population: the KORA F4/FF4 study. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002558.	2.8	5
12	Novel function for endosomal trafficking adaptors in hepatic metabolic disease. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, .	0.5	0
13	Liver-specific depletion of an endosomal regulator causes apoptosis, cell death and liver failure. <i>Zeitschrift Fur Gastroenterologie</i> , 2022, 60, .	0.5	0
14	Impaired Hepatic Mitochondrial Capacity in Nonalcoholic Steatohepatitis Associated With Type 2 Diabetes. <i>Diabetes Care</i> , 2022, 45, 928-937.	8.6	18
15	BOND study: a randomised double-blind, placebo-controlled trial over 12 months to assess the effects of benfotiamine on morphometric, neurophysiological and clinical measures in patients with type 2 diabetes with symptomatic polyneuropathy. <i>BMJ Open</i> , 2022, 12, e057142.	1.9	9
16	Evaluation of a Stepped Care Approach to Manage Depression and Diabetes Distress in Patients with Type 1 Diabetes and Type 2 Diabetes: Results of a Randomized Controlled Trial (ECCE HOMO Study). <i>Psychotherapy and Psychosomatics</i> , 2022, 91, 107-122.	8.8	7
17	Diabetic Kidney Disease: From Pathogenesis to Novel Treatment Possibilities. <i>Handbook of Experimental Pharmacology</i> , 2022, , 269-307.	1.8	4
18	The German Gestational Diabetes Study (PREG), a prospective multicentre cohort study: rationale, methodology and design. <i>BMJ Open</i> , 2022, 12, e058268.	1.9	5

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19	Effects of empagliflozin on markers of liver steatosis and fibrosis and their relationship to cardiorenal outcomes. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1061-1071.	4.4	15
20	High-intensity interval training for 12 weeks improves cardiovascular autonomic function but not somatosensory nerve function and structure in overweight men with type 2 diabetes. <i>Diabetologia</i> , 2022, 65, 1048-1057.	6.3	8
21	Socioeconomic inequalities in glycaemic control in recently diagnosed adults with type 1 and type 2 diabetes. <i>Diabetic Medicine</i> , 2022, 39, e14833.	2.3	3
22	Hepatic energy metabolism in a family with a glucokinase gene mutation and dysglycemia. <i>Diabetes Research and Clinical Practice</i> , 2022, 185, 109779.	2.8	1
23	Diabetes and Fatty Liver. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, , .	1.2	0
24	Hepatocyte-specific activity of TSC22D4 triggers progressive NAFLD by impairing mitochondrial function. <i>Molecular Metabolism</i> , 2022, 60, 101487.	6.5	3
25	Dietary lipid droplet structure in postnatal life improves hepatic energy and lipid metabolism in a mouse model for postnatal programming. <i>Pharmacological Research</i> , 2022, 179, 106193.	7.1	3
26	Positive allosteric Î³-aminobutyric acid type A receptor modulation prevents lipotoxicity-induced injury in hepatocytes <i>in vitro</i> . <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1498-1508.	4.4	2
27	Effect of obesity on the associations of 25-hydroxyvitamin D with prevalent and incident distal sensorimotor polyneuropathy: population-based KORA F4/FF4 study. <i>International Journal of Obesity</i> , 2022, 46, 1366-1374.	3.4	2
28	Association of C-Terminal Pro-Endothelin-1 with Mortality in the Population-Based KORA F4 Study. <i>Vascular Health and Risk Management</i> , 2022, Volume 18, 335-346.	2.3	1
29	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	21.4	250
30	The role of mitochondria in the pathophysiology and treatment of common metabolic diseases in humans. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C1248-C1259.	4.6	14
31	Comorbidities in Recent-Onset Adult Type 1 Diabetes: A Comparison of German Cohorts. <i>Frontiers in Endocrinology</i> , 2022, 13, .	3.5	1
32	Thinking outside the box: non-canonical targets in multiple sclerosis. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 578-600.	46.4	31
33	Fatty liver indices and their association with glucose metabolism in pregnancy – An observational cohort study. <i>Diabetes Research and Clinical Practice</i> , 2022, 189, 109942.	2.8	2
34	Relative validity of a glycemic index extended food-frequency questionnaire. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 2310-2320.	2.6	1
35	Nonalcoholic fatty liver disease (NAFLD) from pathogenesis to treatment concepts in humans. <i>Molecular Metabolism</i> , 2021, 50, 101122.	6.5	135
36	Association of cardiac autonomic dysfunction with higher levels of plasma lipid metabolites in recent-onset type 2 diabetes. <i>Diabetologia</i> , 2021, 64, 458-468.	6.3	20

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37	Nonalcoholic steatohepatitis: the role of peroxisome proliferator-activated receptors. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 24-39.	17.8	174
38	Early changes in hepatic energy metabolism and lipid content in recent-onset type 1 and 2 diabetes mellitus. <i>Journal of Hepatology</i> , 2021, 74, 1028-1037.	3.7	32
39	Interaction between magnesium and methylglyoxal in diabetic polyneuropathy and neuronal models. <i>Molecular Metabolism</i> , 2021, 43, 101114.	6.5	7
40	Differences in Physiological Responses to Cardiopulmonary Exercise Testing in Adults With and Without Type 1 Diabetes: A Pooled Analysis. <i>Diabetes Care</i> , 2021, 44, 240-247.	8.6	9
41	In vivo absolute quantification of hepatic ^3P -ATP concentration in mice using ^31P MRS at 11.7 T. <i>NMR in Biomedicine</i> , 2021, 34, e4422.	2.8	0
42	Apolipoprotein A5 controls fructose-induced metabolic dysregulation in mice. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 972-978.	2.6	3
43	Reversion from prediabetes to normoglycaemia after weight change in older persons: The KORA F4/FF4 study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 429-438.	2.6	8
44	Associations of cells from both innate and adaptive immunity with lower nerve conduction velocity: the Maastricht Study. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001698.	2.8	4
45	Relevance of fructose intake in adolescence for fatty liver indices in young adulthood. <i>European Journal of Nutrition</i> , 2021, 60, 3029-3041.	3.9	7
46	Differences in Biomarkers of Inflammation Between Novel Subgroups of Recent-Onset Diabetes. <i>Diabetes</i> , 2021, 70, 1198-1208.	0.6	36
47	Effects of Blood Flow Restriction Exercise and Possible Applications in Type 2 Diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 106-117.	7.1	24
48	Branched-Chain Amino Acids Associate Negatively With Postprandial Insulin Secretion in Recent-Onset Diabetes. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab067.	0.2	11
49	Risk phenotypes of diabetes and association with COVID-19 severity and death: a living systematic review and meta-analysis. <i>Diabetologia</i> , 2021, 64, 1480-1491.	6.3	68
50	Improving insulin sensitivity, liver steatosis and fibrosis in type 2 diabetes by a food-based digital education-assisted lifestyle intervention program: a feasibility study. <i>European Journal of Nutrition</i> , 2021, 60, 3811-3818.	3.9	3
51	Impact of mixed meal tolerance test composition on measures of beta-cell function in type 2 diabetes. <i>Nutrition and Metabolism</i> , 2021, 18, 47.	3.0	5
52	The complex link between NAFLD and type 2 diabetes mellitus – mechanisms and treatments. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 599-612.	17.8	346
53	Exposure to Type 2 Diabetes Provokes Mitochondrial Impairment in Apparently Healthy Human Hearts. <i>Diabetes Care</i> , 2021, 44, e82-e84.	8.6	5
54	Generalized anxiety disorder symptoms and type 2 diabetes onset: Findings from the Prospective Cooperative Health Research in the Region of Augsburg F4 and FF4 studies. <i>Journal of Psychosomatic Research</i> , 2021, 145, 110480.	2.6	11

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55	Association of persistent organic pollutants with sensorimotor neuropathy in participants with and without diabetes or prediabetes: Results from the population-based KORA FF4 study. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 235, 113752.	4.3	2
56	Comparison of genetic risk prediction models to improve prediction of coronary heart disease in two large cohorts of the MONICA/KORA study. <i>Genetic Epidemiology</i> , 2021, 45, 633-650.	1.3	6
57	Early life factors and their relevance for markers of cardiometabolic risk in early adulthood. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2109-2121.	2.6	0
58	Meta-analysis of genome-wide DNA methylation and integrative omics of age in human skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1064-1078.	7.3	37
59	Non-alcoholic fatty liver disease in type 2 diabetes – A specific entity?. <i>Liver International</i> , 2021, 41, 105-111.	3.9	3
60	Defining comprehensive models of care for NAFLD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 717-729.	17.8	72
61	Dapagliflozin reduces thrombin generation and platelet activation: implications for cardiovascular risk reduction in type 2 diabetes mellitus. <i>Diabetologia</i> , 2021, 64, 1834-1849.	6.3	22
62	Novel Antidiabetic Strategies and Diabetologists' Views in Nonalcoholic Steatohepatitis. <i>Seminars in Liver Disease</i> , 2021, , .	3.6	2
63	Leukocyte Counts and T-Cell Frequencies Differ Between Novel Subgroups of Diabetes and Are Associated With Metabolic Parameters and Biomarkers of Inflammation. <i>Diabetes</i> , 2021, 70, 2652-2662.	0.6	21
64	NDUFB6 Polymorphism Is Associated With Physical Activity-Mediated Metabolic Changes in Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2021, 12, 693683.	3.5	5
65	Progression and regression of nerve fibre pathology and dysfunction early in diabetes over 5 years. <i>Brain</i> , 2021, 144, 3251-3263.	7.6	14
66	Human myocardial mitochondrial oxidative capacity is impaired in mild acute heart transplant rejection. <i>ESC Heart Failure</i> , 2021, , .	3.1	4
67	Different Effects of Lifestyle Intervention in High- and Low-Risk Prediabetes: Results of the Randomized Controlled Prediabetes Lifestyle Intervention Study (PLIS). <i>Diabetes</i> , 2021, 70, 2785-2795.	0.6	35
68	Insulin resistance and insulin sensitizing agents. <i>Metabolism: Clinical and Experimental</i> , 2021, 125, 154892.	3.4	86
69	Neuron-specific biomarkers predict hypo- and hyperalgesia in individuals with diabetic peripheral neuropathy. <i>Diabetologia</i> , 2021, 64, 2843-2855.	6.3	25
70	Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. <i>Lancet Planetary Health</i> , The, 2021, 5, e39-e49.	11.4	40
71	A Panel of 6 Biomarkers Significantly Improves the Prediction of Type 2 Diabetes in the MONICA/KORA Study Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1647-1659.	3.6	11
72	Liver biopsy in the real world – reporting, expert concordance and correlation with a pragmatic clinical diagnosis. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 54, 1472-1480.	3.7	10

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73	Metabolic responsiveness to training depends on insulin sensitivity and protein content of exosomes in insulin-resistant males. <i>Science Advances</i> , 2021, 7, eabi9551.	10.3	24
74	Reduced Muscle Strength Is Associated With Insulin Resistance in Type 2 Diabetes Patients With Osteoarthritis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1062-e1073.	3.6	6
75	Comparison of patient characteristics between East Asian and non-East Asian patients with insulin autoimmune syndrome. <i>Clinical Endocrinology</i> , 2021, , .	2.4	3
76	Empagliflozin Effectively Lowers Liver Fat Content in Well-Controlled Type 2 Diabetes: A Randomized, Double-Blind, Phase 4, Placebo-Controlled Trial. <i>Diabetes Care</i> , 2020, 43, 298-305.	8.6	185
77	Association between Biomarkers of Low-grade Inflammation and Sex Hormones in Women with Polycystic Ovary Syndrome. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 723-730.	1.2	22
78	DPP4 deletion in adipose tissue improves hepatic insulin sensitivity in diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E590-E599.	3.5	25
79	Expansion and Impaired Mitochondrial Efficiency of Deep Subcutaneous Adipose Tissue in Recent-Onset Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1331-e1343.	3.6	13
80	Distinct alterations of gut morphology and microbiota characterize accelerated diabetes onset in nonobese diabetic mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 969-980.	3.4	21
81	Associations of cardiac stress biomarkers with incident type 2 diabetes and changes in glucose metabolism: KORA F4/FF4 study. <i>Cardiovascular Diabetology</i> , 2020, 19, 178.	6.8	9
82	Evaluation of the Metabotype Concept Identified in an Irish Population in the German KORA Cohort Study. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 1900918.	3.3	9
83	Role of ceramide-to-dihydroceramide ratios for insulin resistance and non-alcoholic fatty liver disease in humans. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001860.	2.8	19
84	Biomarkers of Inflammation and Glomerular Filtration Rate in Individuals with Recent-Onset Type 1 and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4370-e4381.	3.6	11
85	Dietary Rapeseed Oil Supplementation Reduces Hepatic Steatosis in Obese Men—A Randomized Controlled Trial. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000419.	3.3	16
86	Bax inhibitor-1 deficiency leads to obesity by increasing Ca ²⁺ -dependent insulin secretion. <i>Journal of Molecular Medicine</i> , 2020, 98, 849-862.	3.9	6
87	Immunity-related GTPase induces lipophagy to prevent excess hepatic lipid accumulation. <i>Journal of Hepatology</i> , 2020, 73, 771-782.	3.7	34
88	Metabolic liver disease in diabetes — From mechanisms to clinical trials. <i>Metabolism: Clinical and Experimental</i> , 2020, 111, 154299.	3.4	90
89	Role of Patatin-Like Phospholipase Domain-Containing 3 Gene for Hepatic Lipid Content and Insulin Resistance in Diabetes. <i>Diabetes Care</i> , 2020, 43, 2161-2168.	8.6	45
90	Biomarker-defined pathways for incident type 2 diabetes and coronary heart disease—a comparison in the MONICA/KORA study. <i>Cardiovascular Diabetology</i> , 2020, 19, 32.	6.8	18

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91	Cardiometabolic risk factor clustering in patients with deficient branched-chain amino acid catabolism: A case-control study. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 981-993.	3.6	5
92	Impairment in Baroreflex Sensitivity in Recent-Onset Type 2 Diabetes Without Progression Over 5 Years. <i>Diabetes</i> , 2020, 69, 1011-1019.	0.6	16
93	Poor glycemic control impairs the cardioprotective effects of red blood cells on myocardial ischemia/reperfusion injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 97, 1-10.	2.7	2
94	Is Nonalcoholic Fatty Liver Disease Not a Risk Factor for Cardiovascular Disease: Not Yet Time for a Change of Heart. <i>Hepatology</i> , 2020, 71, 1867-1869.	7.3	12
95	Associations between cognitive performance and Mediterranean dietary pattern in patients with type 1 or type 2 diabetes mellitus. <i>Nutrition and Diabetes</i> , 2020, 10, 10.	3.2	9
96	Increased Release of Proinflammatory Proteins in Primary Human Adipocytes and Activation of the Inflammatory NF- κ B, p38, and ERK Pathways upon Omentin Treatment. <i>Obesity Facts</i> , 2020, 13, 221-236.	3.4	7
97	Impact of osteopontin on the development of non-alcoholic liver disease and related hepatocellular carcinoma. <i>Liver International</i> , 2020, 40, 1620-1633.	3.9	20
98	Longitudinal relationship of amino acids and indole metabolites with long-term body mass index and cardiometabolic risk markers in young individuals. <i>Scientific Reports</i> , 2020, 10, 6399.	3.3	15
99	Vitamin B12 and Folate Concentrations in Recent-onset Type 2 Diabetes and the Effect of Metformin Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2222-e2231.	3.6	7
100	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568051.	2.0	143
101	The Prospective Association of Dietary Sugar Intake in Adolescence With Risk Markers of Type 2 Diabetes in Young Adulthood. <i>Frontiers in Nutrition</i> , 2020, 7, 615684.	3.7	7
102	Distinct alterations of gut morphology and microbiota characterize accelerated diabetes onset in nonobese diabetic mice. <i>Journal of Biological Chemistry</i> , 2020, 295, 969-980.	3.4	20
103	Monounsaturated fat rapidly induces hepatic gluconeogenesis and whole-body insulin resistance. <i>JCI Insight</i> , 2020, 5, .	5.0	19
104	22-LB: Incident Myocardial Infarction Is Associated with Insulin Resistance and Liver Fibrosis Scores. <i>Diabetes</i> , 2020, 69, .	0.6	1
105	1067-P: Development of Novel Modulators of the GABA _A Receptor for Diabetes Therapy. <i>Diabetes</i> , 2020, 69, .	0.6	1
106	Association of Long-Term Air Pollution with Prevalence and Incidence of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. <i>Environmental Health Perspectives</i> , 2020, 128, 127013.	6.0	13
107	Are Lifestyle Therapies Effective for NAFLD Treatment?. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 701-709.	7.1	103
108	Risk of diabetes-associated diseases in subgroups of patients with recent-onset diabetes: a 5-year follow-up study. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 684-694.	11.4	364

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109	Higher GABA concentration in the medial prefrontal cortex of Type 2 diabetes patients is associated with episodic memory dysfunction. <i>Human Brain Mapping</i> , 2019, 40, 4287-4295.	3.6	22
110	Diabetes clusters and risk of diabetes-associated diseases – Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 828-829.	11.4	6
111	Hepatic Rab24 controls blood glucose homeostasis via improving mitochondrial plasticity. <i>Nature Metabolism</i> , 2019, 1, 1009-1026.	11.9	27
112	Augmented Corneal Nerve Fiber Branching in Painful Compared With Painless Diabetic Neuropathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6220-6228.	3.6	12
113	Short-term dietary reduction of branched-chain amino acids reduces meal-induced insulin secretion and modifies microbiome composition in type 2 diabetes: a randomized controlled crossover trial. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1098-1107.	4.7	119
114	Dynamic changes of muscle insulin sensitivity after metabolic surgery. <i>Nature Communications</i> , 2019, 10, 4179.	12.8	47
115	Authors'™ response to the commentary by Bonaventura and Montecucco on: – Characterization of circulating leukocytes and correlation of leukocyte subsets with metabolic parameters 1 and 5 years after diabetes diagnosis™. <i>Acta Diabetologica</i> , 2019, 56, 125-126.	2.5	1
116	GLP-1 receptor agonists and cardiovascular disease: drug-specific or class effects?. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 89-90.	11.4	22
117	Correlates of Insulin-Stimulated Glucose Disposal in Recent-Onset Type 1 and Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2295-2304.	3.6	6
118	Role of Mitochondria in the Liver Metabolism in Obesity and Type 2 Diabetes. , 2019, , 195-215.		0
119	4-Methylumbelliferone improves the thermogenic capacity of brown adipose tissue. <i>Nature Metabolism</i> , 2019, 1, 546-559.	11.9	26
120	A New Targeted Lipidomics Approach Reveals Lipid Droplets in Liver, Muscle and Heart as a Repository for Diacylglycerol and Ceramide Species in Non-Alcoholic Fatty Liver. <i>Cells</i> , 2019, 8, 277.	4.1	38
121	Novel Insights into Sensorimotor and Cardiovascular Autonomic Neuropathy from Recent-Onset Diabetes and Population-Based Cohorts. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 286-298.	7.1	35
122	High-resolution respirometry in human endomyocardial biopsies shows reduced ventricular oxidative capacity related to heart failure. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	7.7	10
123	The integrative biology of type 2 diabetes. <i>Nature</i> , 2019, 576, 51-60.	27.8	621
124	Incidence Rates of Type 2 Diabetes in People With Impaired Fasting Glucose (ADA vs. WHO Criteria) and Impaired Glucose Tolerance: Results From an Older Population (KORA S4/F4/FF4 Study). <i>Diabetes Care</i> , 2019, 42, e18-e20.	8.6	8
125	Protein markers and risk of type 2 diabetes and prediabetes: a targeted proteomics approach in the KORA F4/FF4 study. <i>European Journal of Epidemiology</i> , 2019, 34, 409-422.	5.7	37
126	A variant of the glucose transporter gene SLC2A2 modifies the glycaemic response to metformin therapy in recently diagnosed type 2 diabetes. <i>Diabetologia</i> , 2019, 62, 286-291.	6.3	24

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127	Autoimmunity risk- and protection-associated IL7RA genetic variants differentially affect soluble and membrane IL-7R α expression. <i>Journal of Autoimmunity</i> , 2019, 97, 40-47.	6.5	6
128	General and Abdominal Obesity and Incident Distal Sensorimotor Polyneuropathy: Insights Into Inflammatory Biomarkers as Potential Mediators in the KORA F4/FF4 Cohort. <i>Diabetes Care</i> , 2019, 42, 240-247.	8.6	64
129	Exosomal proteins constitute an essential part of the human adipose tissue secretome. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 140172.	2.3	75
130	German Diabetes Study "Baseline data of retinal layer thickness measured by SD-OCT in early diabetes mellitus. <i>Acta Ophthalmologica</i> , 2019, 97, e303-e307.	1.1	7
131	Emerging Biomarkers, Tools, and Treatments for Diabetic Polyneuropathy. <i>Endocrine Reviews</i> , 2019, 40, 153-192.	20.1	140
132	Reduced Myocardial Mitochondrial ROS Production in Mechanically Unloaded Hearts. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 107-115.	2.4	11
133	Flavonoid intake from fruit and vegetables during adolescence is prospectively associated with a favourable risk factor profile for type 2 diabetes in early adulthood. <i>European Journal of Nutrition</i> , 2019, 58, 1159-1172.	3.9	29
134	Deficits in systemic biomarkers of neuroinflammation and growth factors promoting nerve regeneration in patients with type 2 diabetes and polyneuropathy. <i>BMJ Open Diabetes Research and Care</i> , 2019, 7, e000752.	2.8	12
135	Athletes feature greater rates of muscle glucose transport and glycogen synthesis during lipid infusion. <i>JCI Insight</i> , 2019, 4, .	5.0	6
136	Hungry for your alanine: when liver depends on muscle proteolysis. <i>Journal of Clinical Investigation</i> , 2019, 129, 4563-4566.	8.2	35
137	Inverse association of insulin antibody levels with insulin sensitivity in adults with Type 1 diabetes. <i>Diabetic Medicine</i> , 2018, 35, 595-601.	2.3	7
138	Prediction of clamp-derived insulin sensitivity from the oral glucose insulin sensitivity index. <i>Diabetologia</i> , 2018, 61, 1135-1141.	6.3	45
139	Effects of supplemented isoenergetic diets varying in cereal fiber and protein content on the bile acid metabolic signature and relation to insulin resistance. <i>Nutrition and Diabetes</i> , 2018, 8, 11.	3.2	21
140	Myeloperoxidase, superoxide dismutase β , cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e3000.	4.0	18
141	Amino Acid and Fatty Acid Levels Affect Hepatic Phosphorus Metabolite Content in Metabolically Healthy Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 460-468.	3.6	6
142	Metabolic Characteristics of Recently Diagnosed Adult-Onset Autoimmune Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 429-437.	3.6	21
143	Circulating triacylglycerols but not pancreatic fat associate with insulin secretion in healthy humans. <i>Metabolism: Clinical and Experimental</i> , 2018, 81, 113-125.	3.4	14
144	Characterization of circulating leukocytes and correlation of leukocyte subsets with metabolic parameters 1 and 5 years after diabetes diagnosis. <i>Acta Diabetologica</i> , 2018, 55, 723-731.	2.5	10

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145	Specific Hepatic Sphingolipids Relate to Insulin Resistance, Oxidative Stress, and Inflammation in Nonalcoholic Steatohepatitis. <i>Diabetes Care</i> , 2018, 41, 1235-1243.	8.6	203
146	Association of Lower Cardiovagal Tone and Baroreflex Sensitivity With Higher Liver Fat Content Early in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1130-1138.	3.6	28
147	Longitudinal associations between biomarkers of inflammation and changes in depressive symptoms in patients with type 1 and type 2 diabetes. <i>Psychoneuroendocrinology</i> , 2018, 91, 216-225.	2.7	22
148	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018, 61, 117-129.	6.3	32
149	Exercise training reduces intrahepatic lipid content in people with and people without nonalcoholic fatty liver. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E165-E173.	3.5	46
150	Differential associations of lower cardiac vagal tone with insulin resistance and insulin secretion in recently diagnosed type 1 and type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2018, 79, 1-9.	3.4	25
151	Constant hepatic ATP concentrations during prolonged fasting and absence of effects of Cerbomed Nemos [®] on parasympathetic tone and hepatic energy metabolism. <i>Molecular Metabolism</i> , 2018, 7, 71-79.	6.5	17
152	Regional differences of macrovascular disease in Northeast and South Germany: the population-based SHIP-TREND and KORA-F4 studies. <i>BMC Public Health</i> , 2018, 18, 1331.	2.9	4
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156	Mechanosensing by $\alpha 21$ integrin induces angiocrine signals for liver growth and survival. <i>Nature</i> , 2018, 562, 128-132.	27.8	126
157	Reduced expression of stearoyl-CoA desaturase-1, but not free fatty acid receptor 2 or 4 in subcutaneous adipose tissue of patients with newly diagnosed type 2 diabetes mellitus. <i>Nutrition and Diabetes</i> , 2018, 8, 49.	3.2	13
158	Cognitive Function Is Impaired in Patients with Recently Diagnosed Type 2 Diabetes, but Not Type 1 Diabetes. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-10.	2.3	18
159	FGF21 regulates insulin sensitivity following long-term chronic stress. <i>Molecular Metabolism</i> , 2018, 16, 126-138.	6.5	17
160	Identification of Comprehensive Metabotypes Associated with Cardiometabolic Diseases in the Population-Based KORA Study. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800117.	3.3	17
161	Amino acids – lifesaver or killer in patients with diabetes?. <i>Nature Reviews Endocrinology</i> , 2018, 14, 449-451.	9.6	12
162	Correction: Severe Vitamin D3 Deficiency in the Majority of Patients with Diabetic Foot Ulcers. <i>Hormone and Metabolic Research</i> , 2018, 50, e9-e9.	1.5	1

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164	Interorgan Metabolic Crosstalk in Human Insulin Resistance. <i>Physiological Reviews</i> , 2018, 98, 1371-1415.	28.8	138
165	Severe Vitamin D3 Deficiency in the Majority of Patients with Diabetic Foot Ulcers. <i>Hormone and Metabolic Research</i> , 2018, 50, 615-619.	1.5	29
166	Habitual Flavonoid Intake from Fruit and Vegetables during Adolescence and Serum Lipid Levels in Early Adulthood: A Prospective Analysis. <i>Nutrients</i> , 2018, 10, 488.	4.1	15
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172	Associations between inflammation-related biomarkers and depressive symptoms in individuals with recently diagnosed type 1 and type 2 diabetes. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 137-145.	4.1	24
173	Impact of insulin sensitivity, beta-cell function and glycaemic control on initiation of second-line glucose-lowering treatment in newly diagnosed type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 866-873.	4.4	3
174	Inflammatory markers are associated with cardiac autonomic dysfunction in recent-onset type 2 diabetes. <i>Heart</i> , 2017, 103, 63-70.	2.9	51
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179	The Janus Head of Oxidative Stress in Metabolic Diseases and During Physical Exercise. <i>Current Diabetes Reports</i> , 2017, 17, 41.	4.2	42
180	Differential Patterns of Impaired Cardiorespiratory Fitness and Cardiac Autonomic Dysfunction in Recently Diagnosed Type 1 and Type 2 Diabetes. <i>Diabetes Care</i> , 2017, 40, 246-252.	8.6	26

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182	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.6	615
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188	Lower serum extracellular superoxide dismutase levels are associated with polyneuropathy in recent-onset diabetes. <i>Experimental and Molecular Medicine</i> , 2017, 49, e394-e394.	7.7	29
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