

Michael Roden

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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|--------------------|--------------------------|----------------|-----------------|
| 355 papers | 23,928 citations | 68 h-index | 149 g-index |
| 384 ext. papers | 29,080 ext. citations | 8.5 avg, IF | 6.93 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 355 | A novel diabetes typology: towards precision diabetology from pathogenesis to treatment.. <i>Diabetologia</i> , 2022 , 1 | 10.3 | 1 |
| 354 | 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 | 3 | 2 |
| 353 | Diabetic Kidney Disease: From Pathogenesis to Novel Treatment Possibilities.. <i>Handbook of Experimental Pharmacology</i> , 2022 , 1 | 3.2 | 0 |
| 352 | The German Gestational Diabetes Study (PREG), a prospective multicentre cohort study: rationale, methodology and design.. <i>BMJ Open</i> , 2022 , 12, e058268 | 3 | 0 |
| 351 | 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 , 1 | 10.3 | 0 |
| 350 | Socioeconomic Inequalities in Glycaemic Control in Recently Diagnosed Adults with Type 1 and Type 2 Diabetes.. <i>Diabetic Medicine</i> , 2022 , e14833 | 3.5 | 1 |
| 349 | Hepatic energy metabolism in a family with a glucokinase gene mutation and dysglycemia.. <i>Diabetes Research and Clinical Practice</i> , 2022 , 185, 109779 | 7.4 | 0 |
| 348 | Hepatocyte-specific activity of TSC22D4 triggers progressive NAFLD by impairing mitochondrial function.. <i>Molecular Metabolism</i> , 2022 , 101487 | 8.8 | 1 |
| 347 | 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 , 106193 | 10.2 | 0 |
| 346 | Association of C-Terminal Pro-Endothelin-1 with Mortality in the Population-Based KORA F4 Study.. <i>Vascular Health and Risk Management</i> , 2022 , 18, 335-346 | 4.4 | 0 |
| 345 | Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 , | 36.3 | 7 |
| 344 | 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> , 2022 , 1-23 | 3.6 | 0 |
| 343 | Imaging in Precision Medicine for Diabetes 2022 , 89-110 | | |
| 342 | 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> , 2021 , 1-16 | 9.4 | 1 |
| 341 | 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, e1647-e1659 | 5.6 | 4 |
| 340 | Differences in the prevalence of erectile dysfunction between novel subgroups of recent-onset diabetes. <i>Diabetologia</i> , 2021 , 1 | 10.3 | 1 |
| 339 | Diabetes und Fettleber. <i>Diabetes Aktuell</i> , 2021 , 19, 318-322 | 0 | |

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|-----|---|------|----|
| 338 | Association of serum uromodulin with adipokines in dependence of type 2 diabetes.. <i>Cytokine</i> , 2021 , 150, 155786 | 4 | 1 |
| 337 | Diabetes und Fettleber. <i>Diabetologie Und Stoffwechsel</i> , 2021 , 16, S308-S311 | 0.7 | |
| 336 | 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 | 6.1 | 2 |
| 335 | Metabolic responsiveness to training depends on insulin sensitivity and protein content of exosomes in insulin-resistant males. <i>Science Advances</i> , 2021 , 7, eabi9551 | 14.3 | 7 |
| 334 | Dietary palmitate and oleate differently modulate insulin sensitivity in human skeletal muscle. <i>Diabetologia</i> , 2021 , 1 | 10.3 | 3 |
| 333 | Advancing the global public health agenda for NAFLD: a consensus statement. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , | 24.2 | 37 |
| 332 | Prediabetes and risk of mortality, diabetes-related complications and comorbidities: umbrella review of meta-analyses of prospective studies. <i>Diabetologia</i> , 2021 , 65, 275 | 10.3 | 7 |
| 331 | 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, 1062-1073 | 5.6 | 2 |
| 330 | Nonalcoholic fatty liver disease (NAFLD) from pathogenesis to treatment concepts in humans. <i>Molecular Metabolism</i> , 2021 , 50, 101122 | 8.8 | 23 |
| 329 | Diabetes und Fettleber. <i>Diabetologe</i> , 2021 , 17, 307-310 | 0.2 | |
| 328 | Branched-Chain Amino Acids Associate Negatively With Postprandial Insulin Secretion in Recent-Onset Diabetes. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvab067 | 0.4 | 1 |
| 327 | Diabetes und nicht-alkoholische Fettleber-Erkrankungen. <i>Diabetes Aktuell</i> , 2021 , 19, 67-70 | 0 | |
| 326 | 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 | 10.3 | 23 |
| 325 | 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 | 5.2 | 1 |
| 324 | 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 | 4.6 | 0 |
| 323 | The complex link between NAFLD and type 2 diabetes mellitus - mechanisms and treatments. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 599-612 | 24.2 | 55 |
| 322 | Exposure to Type 2 Diabetes Provokes Mitochondrial Impairment in Apparently Healthy Human Hearts. <i>Diabetes Care</i> , 2021 , 44, e82-e84 | 14.6 | 2 |
| 321 | 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 | 4.1 | 2 |

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|-----|--|------|----|
| 320 | 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 | 6.9 | 0 |
| 319 | 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 | 2.6 | 2 |
| 318 | 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 | 4.5 | |
| 317 | 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 | 10.3 | 12 |
| 316 | Non-alcoholic fatty liver disease in type 2 diabetes - A specific entity?. <i>Liver International</i> , 2021 , 41 Suppl 1, 105-111 | 7.9 | 1 |
| 315 | Defining comprehensive models of care for NAFLD. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 717-729 | 24.2 | 16 |
| 314 | Dapagliflozin reduces thrombin generation and platelet activation: implications for cardiovascular risk reduction in type 2 diabetes mellitus. <i>Diabetologia</i> , 2021 , 64, 1834-1849 | 10.3 | 1 |
| 313 | 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 | 10.3 | 5 |
| 312 | Nonalcoholic steatohepatitis: the role of peroxisome proliferator-activated receptors. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 24-39 | 24.2 | 67 |
| 311 | 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 | 13.4 | 10 |
| 310 | Interaction between magnesium and methylglyoxal in diabetic polyneuropathy and neuronal models. <i>Molecular Metabolism</i> , 2021 , 43, 101114 | 8.8 | 2 |
| 309 | 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 | 14.6 | 2 |
| 308 | In vivo absolute quantification of hepatic ATP concentration in mice using P MRS at 11.7 T. <i>NMR in Biomedicine</i> , 2021 , 34, e4422 | 4.4 | |
| 307 | Apolipoprotein A5 controls fructose-induced metabolic dysregulation in mice. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 972-978 | 4.5 | 1 |
| 306 | Was bedeuten die neuen Diabetessubgruppen für Menschen mit Fettlebererkrankung?. <i>Diabetologie</i> , 2021 , 17, 20-25 | 0.2 | 1 |
| 305 | 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 | 4.5 | 2 |
| 304 | 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, | 4.5 | 2 |
| 303 | Relevance of fructose intake in adolescence for fatty liver indices in young adulthood. <i>European Journal of Nutrition</i> , 2021 , 60, 3029-3041 | 5.2 | 3 |

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|-----|--|------|----|
| 302 | Differences in Biomarkers of Inflammation Between Novel Subgroups of Recent-Onset Diabetes. <i>Diabetes</i> , 2021 , 70, 1198-1208 | 0.9 | 9 |
| 301 | Effects of Blood Flow Restriction Exercise and Possible Applications in Type 2 Diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 106-117 | 8.8 | 6 |
| 300 | 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> , 2021 , | 6.9 | 6 |
| 299 | Novel Antidiabetic Strategies and Diabetologists' Views in Nonalcoholic Steatohepatitis. <i>Seminars in Liver Disease</i> , 2021 , | 7.3 | 1 |
| 298 | 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 | 0.9 | 2 |
| 297 | Polymorphism Is Associated With Physical Activity-Mediated Metabolic Changes in Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2021 , 12, 693683 | 5.7 | 1 |
| 296 | Progression and regression of nerve fibre pathology and dysfunction early in diabetes over 5 years. <i>Brain</i> , 2021 , 144, 3251-3263 | 11.2 | 1 |
| 295 | Human myocardial mitochondrial oxidative capacity is impaired in mild acute heart transplant rejection. <i>ESC Heart Failure</i> , 2021 , | 3.7 | 1 |
| 294 | 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 | 0.9 | 5 |
| 293 | Insulin resistance and insulin sensitizing agents. <i>Metabolism: Clinical and Experimental</i> , 2021 , 125, 154892 | 12.7 | 6 |
| 292 | Neuron-specific biomarkers predict hypo- and hyperalgesia in individuals with diabetic peripheral neuropathy. <i>Diabetologia</i> , 2021 , 64, 2843-2855 | 10.3 | 6 |
| 291 | Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. <i>Lancet Planetary Health</i> , 2021 , 5, e39-e49 | 9.8 | 7 |
| 290 | Modulation der Inkretinsekretion durch Probiotika und Diät. Werner-Creutzfeldt-Preis 2021. Eine Kurzübersicht des Preisträgers Michael Roden. <i>Diabetologie Und Stoffwechsel</i> , 2021 , 16, 465-466 | 0.7 | |
| 289 | Bax inhibitor-1 deficiency leads to obesity by increasing Ca-dependent insulin secretion. <i>Journal of Molecular Medicine</i> , 2020 , 98, 849-862 | 5.5 | 3 |
| 288 | Immunity-related GTPase induces lipophagy to prevent excess hepatic lipid accumulation. <i>Journal of Hepatology</i> , 2020 , 73, 771-782 | 13.4 | 17 |
| 287 | Metabolic liver disease in diabetes - From mechanisms to clinical trials. <i>Metabolism: Clinical and Experimental</i> , 2020 , 111S, 154299 | 12.7 | 39 |
| 286 | 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 | 14.6 | 16 |
| 285 | 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 | 8.7 | 14 |

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|-----|--|------|----|
| 284 | 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 | 5.4 | 1 |
| 283 | Impairment in Baroreflex Sensitivity in Recent-Onset Type 2 Diabetes Without Progression Over 5 Years. <i>Diabetes</i> , 2020 , 69, 1011-1019 | 0.9 | 8 |
| 282 | 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 | 5 | 1 |
| 281 | 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 | 11.2 | 11 |
| 280 | 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 | 4.7 | 5 |
| 279 | Increased Release of Proinflammatory Proteins in Primary Human Adipocytes and Activation of the Inflammatory NFB, p38, and ERK Pathways upon Omentin Treatment. <i>Obesity Facts</i> , 2020 , 13, 221-236 | 5.1 | 0 |
| 278 | Impact of osteopontin on the development of non-alcoholic liver disease and related hepatocellular carcinoma. <i>Liver International</i> , 2020 , 40, 1620-1633 | 7.9 | 7 |
| 277 | Monounsaturated fat rapidly induces hepatic gluconeogenesis and whole-body insulin resistance. <i>JCI Insight</i> , 2020 , 5, | 9.9 | 7 |
| 276 | 22-LB: Incident Myocardial Infarction Is Associated with Insulin Resistance and Liver Fibrosis Scores. <i>Diabetes</i> , 2020 , 69, 22-LB | 0.9 | 0 |
| 275 | 1067-P: Development of Novel Modulators of the GABAA Receptor for Diabetes Therapy. <i>Diabetes</i> , 2020 , 69, 1067-P | 0.9 | 0 |
| 274 | 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 | 8.4 | 1 |
| 273 | 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 | 5.4 | 9 |
| 272 | Diabetes und Fettleber. <i>Diabetologie Und Stoffwechsel</i> , 2020 , 15, S156-S159 | 0.7 | 1 |
| 271 | 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 | 6 | 17 |
| 270 | Diabetes und Fettleber. <i>Diabetologe</i> , 2020 , 16, 36-39 | 0.2 | 1 |
| 269 | 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, | 5.6 | 5 |
| 268 | 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 | 5.4 | 14 |
| 267 | 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 | 8.7 | 5 |

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|-----|---|------|----|
| 266 | 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, e1900918 | 5.9 | 1 |
| 265 | 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, | 4.5 | 8 |
| 264 | Lebererkrankungen bei Diabetes mellitus. <i>Diabetologe</i> , 2020 , 16, 551-551 | 0.2 | |
| 263 | 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, | 5.6 | 4 |
| 262 | Diabetesclusters: Diabetessubgruppen und Folgeerkrankungen. <i>Diabetologe</i> , 2020 , 16, 635-640 | 0.2 | |
| 261 | Dietary Rapeseed Oil Supplementation Reduces Hepatic Steatosis in Obese Men-A Randomized Controlled Trial. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000419 | 5.9 | 7 |
| 260 | 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 | 14.6 | 86 |
| 259 | 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 | 2.3 | 10 |
| 258 | 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 | 4.9 | 3 |
| 257 | 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, | 5.6 | 4 |
| 256 | 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 | 3.3 | 46 |
| 255 | 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 | 6.2 | 3 |
| 254 | 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 | 7 | 68 |
| 253 | Dynamic changes of muscle insulin sensitivity after metabolic surgery. <i>Nature Communications</i> , 2019 , 10, 4179 | 17.4 | 27 |
| 252 | 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 | 3.9 | 1 |
| 251 | GLP-1 receptor agonists and cardiovascular disease: drug-specific or class effects?. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 89-90 | 18.1 | 16 |
| 250 | 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 | 5.6 | 6 |
| 249 | Role of Mitochondria in the Liver Metabolism in Obesity and Type 2 Diabetes 2019 , 195-215 | | |

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|-----|---|------|-----|
| 248 | 4-Methylumbelliferone improves the thermogenic capacity of brown adipose tissue. <i>Nature Metabolism</i> , 2019 , 1, 546-559 | 14.6 | 14 |
| 247 | 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, | 7.9 | 19 |
| 246 | 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 | 8.8 | 25 |
| 245 | 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 | 12.8 | 3 |
| 244 | Are Lifestyle Therapies Effective for NAFLD Treatment?. <i>Trends in Endocrinology and Metabolism</i> , 2019 , 30, 701-709 | 8.8 | 51 |
| 243 | 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 | 18.1 | 170 |
| 242 | 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 | 5.9 | 11 |
| 241 | Diabetes clusters and risk of diabetes-associated diseases - AuthorsQepley. <i>Lancet Diabetes and Endocrinology</i> , 2019 , 7, 828-829 | 18.1 | 3 |
| 240 | Hepatic Rab24 controls blood glucose homeostasis via improving mitochondrial plasticity. <i>Nature Metabolism</i> , 2019 , 1, 1009-1026 | 14.6 | 13 |
| 239 | Augmented Corneal Nerve Fiber Branching in Painful Compared With Painless Diabetic Neuropathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 6220-6228 | 5.6 | 8 |
| 238 | 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 | 4.5 | 4 |
| 237 | Athletes feature greater rates of muscle glucose transport and glycogen synthesis during lipid infusion. <i>JCI Insight</i> , 2019 , 4, | 9.9 | 3 |
| 236 | Hungry for your alanine: when liver depends on muscle proteolysis. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4563-4566 | 15.9 | 11 |
| 235 | The integrative biology of type 2 diabetes. <i>Nature</i> , 2019 , 576, 51-60 | 50.4 | 266 |
| 234 | Die 5 Cluster des Diabetes - Eine neue/alternative Klassifikation?. <i>Diabetes Aktuell</i> , 2019 , 17, 178-183 | 0 | 3 |
| 233 | 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 | 14.6 | 7 |
| 232 | 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 | 12.1 | 26 |
| 231 | 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 | 10.3 | 14 |

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|-----|--|------|-----|
| 230 | 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 | 15.5 | 5 |
| 229 | 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 | 14.6 | 41 |
| 228 | Exosomal proteins constitute an essential part of the human adipose tissue secretome. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019 , 1867, 140172 | 4 | 31 |
| 227 | 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 | 3.7 | 7 |
| 226 | Emerging Biomarkers, Tools, and Treatments for Diabetic Polyneuropathy. <i>Endocrine Reviews</i> , 2019 , 40, 153-192 | 27.2 | 90 |
| 225 | Reduced Myocardial Mitochondrial ROS Production in Mechanically Unloaded Hearts. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 107-115 | 3.3 | 4 |
| 224 | 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 | 5.2 | 21 |
| 223 | Inverse association of insulin antibody levels with insulin sensitivity in adults with Type 1 diabetes. <i>Diabetic Medicine</i> , 2018 , 35, 595-601 | 3.5 | 4 |
| 222 | Prediction of clamp-derived insulin sensitivity from the oral glucose insulin sensitivity index. <i>Diabetologia</i> , 2018 , 61, 1135-1141 | 10.3 | 32 |
| 221 | 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 | 4.7 | 13 |
| 220 | Myeloperoxidase, superoxide dismutase-3, cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. <i>Diabetes/Metabolism Research and Reviews</i> , 2018 , 34, e3000 | 7.5 | 15 |
| 219 | 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 | 5.6 | 6 |
| 218 | Metabolic Characteristics of Recently Diagnosed Adult-Onset Autoimmune Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 429-437 | 5.6 | 11 |
| 217 | Circulating triacylglycerols but not pancreatic fat associate with insulin secretion in healthy humans. <i>Metabolism: Clinical and Experimental</i> , 2018 , 81, 113-125 | 12.7 | 9 |
| 216 | 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 | 3.9 | 7 |
| 215 | Specific Hepatic Sphingolipids Relate to Insulin Resistance, Oxidative Stress, and Inflammation in Nonalcoholic Steatohepatitis. <i>Diabetes Care</i> , 2018 , 41, 1235-1243 | 14.6 | 136 |
| 214 | Association of Lower Cardiovascular 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 | 5.6 | 22 |
| 213 | 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 | 5 | 17 |

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|-----|--|------|----|
| 212 | Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018 , 61, 117-129 | 10.3 | 21 |
| 211 | Correction: Severe Vitamin D3 Deficiency in the Majority of Patients with Diabetic Foot Ulcers. <i>Hormone and Metabolic Research</i> , 2018 , 50, e9 | 3.1 | |
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