

# Thomas R Pieber

## 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.

310  
papers

14,217  
citations

64  
h-index

109  
g-index

325  
ext. papers

16,877  
ext. citations

7  
avg, IF

6.2  
L-index

#	Paper	IF	Citations
310	Expression Profiles of miR-22-5p and miR-142-3p Indicate Hashimoto's Disease and Are related to Thyroid Antibodies.. <i>Genes</i> , <b>2022</b> , 13,	4.2	2
309	Efficacy, safety, tolerability, and noninferiority phase 3 study of glucagon as a ready-to-use room temperature liquid stable formulation versus as a lyophilised formulation for the biochemical recovery and symptomatic relief of insulin-induced severe hypoglycaemia in adults with type 1 diabetes.. <i>Diabetes, Obesity and Metabolism</i> , <b>2022</b> ,	6.7	0
308	A Glycemia Risk Index (GRI) of Hypoglycemia and Hyperglycemia for Continuous Glucose Monitoring Validated by Clinician Ratings.. <i>Journal of Diabetes Science and Technology</i> , <b>2022</b> , 19322968221085273	4.1	273
307	Usefulness of the trabecular bone score in maintenance dialysis patients : A single center observational study.. <i>Wiener Klinische Wochenschrift</i> , <b>2022</b> , 1	2.3	0
306	The effect of spermidine on autoimmunity and beta cell function in NOD mice.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4502	4.9	0
305	Cohort profile: Biomarkers of Personalised Medicine (BioPersMed): a single-centre prospective observational cohort study in Graz/Austria to evaluate novel biomarkers in cardiovascular and metabolic diseases.. <i>BMJ Open</i> , <b>2022</b> , 12, e058890	3	0
304	A joint alignment and reconstruction algorithm for electron tomography to visualize in-depth cell-to-cell interactions.. <i>Histochemistry and Cell Biology</i> , <b>2022</b> , 1	2.4	1
303	Glucose-Lowering Therapy beyond Insulin in Type 1 Diabetes: A Narrative Review on Existing Evidence from Randomized Controlled Trials and Clinical Perspective. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1180	6.4	
302	Limited Documentation and Treatment Quality of Glycemic Inpatient Care in Relation to Structural Deficits of Heterogeneous Insulin Charts at a Large University Hospital. <i>Journal of Patient Safety</i> , <b>2021</b> , 17, e631-e636	1.9	2
301	Hospitalization costs with degludec versus glargine U100 for patients with type 2 diabetes at high cardiovascular risk: Canadian costs applied to SAEs from a randomized outcomes trial. <i>Journal of Medical Economics</i> , <b>2021</b> , 24, 1318-1326	2.4	
300	Hemoglobin glycation index, calculated from a single fasting glucose value, as a prediction tool for severe hypoglycemia and major adverse cardiovascular events in DEVOTE. <i>BMJ Open Diabetes Research and Care</i> , <b>2021</b> , 9,	4.5	2
299	Impact of kidney function on the safety and efficacy of insulin degludec versus insulin glargine U300 in people with type 2 diabetes: A post hoc analysis of the CONCLUDE trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> ,	6.7	0
298	Dietary spermidine improves cognitive function. <i>Cell Reports</i> , <b>2021</b> , 35, 108985	10.6	25
297	Adverse body composition and lipid parameters in patients with prolactinoma: a case-control study. <i>BMC Endocrine Disorders</i> , <b>2021</b> , 21, 81	3.3	5
296	Anti-interleukin-21 antibody and liraglutide for the preservation of $\beta$ cell function in adults with recent-onset type 1 diabetes: a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet Diabetes and Endocrinology</i> , <b>2021</b> , 9, 212-224	18.1	26
295	EndoBarrier Implantation Rapidly Improves Insulin Sensitivity in Obese Individuals with Type 2 Diabetes Mellitus. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	2
294	Efficient and safe glycaemic control with basal-bolus insulin therapy during fasting periods in hospitalized patients with type 2 diabetes using decision support technology: A post hoc analysis. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 2161-2169	6.7	0

293	Dasiglucagon: A Next-Generation Glucagon Analog for Rapid and Effective Treatment of Severe Hypoglycemia Results of Phase 3 Randomized Double-Blind Clinical Trial. <i>Diabetes Care</i> , <b>2021</b> ,	14.6	16
292	Blood glucose response after oral lactulose intake in type 2 diabetic individuals. <i>World Journal of Diabetes</i> , <b>2021</b> , 12, 893-907	4.7	1
291	Immunogenicity of the Novel Glucagon Analogue Dasiglucagon: Results of a Dedicated Immunogenicity Trial in Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , <b>2021</b> , 23, 773-776	8.1	1
290	Diabetes Management According to Health Status in Older Adults with Type 2 Diabetes Staying in Geriatric Care Facilities. <i>Journal of Diabetes Science and Technology</i> , <b>2021</b> , 15, 615-621	4.1	0
289	Safe and Sufficient Glycemic Control by Using a Digital Clinical Decision Support System for Patients With Type 2 Diabetes in a Routine Setting on General Hospital Wards. <i>Journal of Diabetes Science and Technology</i> , <b>2021</b> , 15, 231-235	4.1	2
288	Differences in Physiological Responses to Cardiopulmonary Exercise Testing in Adults With and Without Type 1 Diabetes: A Pooled Analysis. <i>Diabetes Care</i> , <b>2021</b> , 44, 240-247	14.6	2
287	Pharmacokinetics and Pharmacodynamics of Three Different Formulations of Insulin Aspart: A Randomized, Double-Blind, Crossover Study in Men With Type 1 Diabetes. <i>Diabetes Care</i> , <b>2021</b> , 44, 448-455	14.6	4
286	Electronic Diabetes Management System Replaces Paper Insulin Chart: Improved Quality in Diabetes Inpatient Care Processes Due to Digitalization. <i>Journal of Diabetes Science and Technology</i> , <b>2021</b> , 15, 222-230	4.1	1
285	Morphometric parameters of muscle and bone in critically ill patients : Post hoc analysis of the VITdAL-ICU trial. <i>Wiener Klinische Wochenschrift</i> , <b>2021</b> , 133, 529-535	2.3	
284	Evaluation of an implemented new insulin chart to improve quality and safety of diabetes care in a large university hospital: a follow-up study. <i>BMJ Open</i> , <b>2021</b> , 11, e041298	3	
283	Hyperinsulinaemic-hypoglycaemic glucose clamps in human research: a systematic review of the literature. <i>Diabetologia</i> , <b>2021</b> , 64, 727-736	10.3	0
282	Survival assessment of the extended-wear insulin infusion set featuring lantern technology in adults with type 1 diabetes by the glucose clamp technique. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 1402-1408	6.7	6
281	Impact of a Single 36 Hours Prolonged Fasting Period in Adults With Type 1 Diabetes - A Cross-Over Controlled Trial. <i>Frontiers in Endocrinology</i> , <b>2021</b> , 12, 656346	5.7	0
280	DXA-Derived Indices in the Characterisation of Sarcopenia.. <i>Nutrients</i> , <b>2021</b> , 14,	6.7	1
279	The Effect of Parenteral or Oral Iron Supplementation on Fatigue, Sleep, Quality of Life and Restless Legs Syndrome in Iron-Deficient Blood Donors: A Secondary Analysis of the IronWoMan RCT. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	9
278	Stratifying nutritional restriction in cancer therapy: Next stop, personalized medicine. <i>International Review of Cell and Molecular Biology</i> , <b>2020</b> , 354, 231-259	6	7
277	Genetic Components of 25-Hydroxyvitamin D Increase in Three Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	6
276	No indication of insulin resistance in idiopathic pulmonary arterial hypertension with preserved physical activity. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	1

275	Risk of hypoglycaemia with insulin degludec versus insulin glargine U300 in insulin-treated patients with type 2 diabetes: the randomised, head-to-head CONCLUDE trial. <i>Diabetologia</i> , <b>2020</b> , 63, 698-710	10.3	38
274	Commentary to "Differential Effect of Hypoalbuminemia on Hypoglycemia on Type 2 Diabetes Patients Treated with Insulin Glargine 300 U/ml and Insulin Degludec" by Kawaguchi et al. <i>Diabetes Therapy</i> 2019. <i>Diabetes Therapy</i> , <b>2020</b> , 11, 561-567	3.6	2
273	Duration of Hybrid Closed-Loop Insulin Therapy to Achieve Representative Glycemic Outcomes in Adults With Type 1 Diabetes. <i>Diabetes Care</i> , <b>2020</b> , 43, e38-e39	14.6	11
272	Secondary Hyperthyroidism due to an Ectopic Thyrotropin-Secreting Neuroendocrine Pituitary Tumor: A Case Report. <i>European Thyroid Journal</i> , <b>2020</b> , 9, 106-112	4.2	2
271	Risk of severe hypoglycaemia and its impact in type 2 diabetes in DEVOTE. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 2241-2247	6.7	7
270	Long-term efficacy and safety of oral semaglutide and the effect of switching from sitagliptin to oral semaglutide in patients with type 2 diabetes: a 52-week, randomized, open-label extension of the PIONEER 7 trial. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	7
269	1021-P: HbA1c Levels and Rates of Hypoglycemia with Insulin Degludec U200 and Insulin Glargine U300 Stratified by Renal Function Subgroups: Post Hoc Analysis from the CONCLUDE Trial. <i>Diabetes</i> , <b>2020</b> , 69, 1021-P	0.9	2
268	Glomerular Filtration Rate and Associated Risks of Cardiovascular Events, Mortality, and Severe Hypoglycemia in Patients with Type 2 Diabetes: Secondary Analysis (DEVOTE 11). <i>Diabetes Therapy</i> , <b>2020</b> , 11, 53-70	3.6	12
267	Glucagon-Like Peptide-1 Receptor Agonism Improves Nephrotoxic Serum Nephritis by Inhibiting T-Cell Proliferation. <i>American Journal of Pathology</i> , <b>2020</b> , 190, 400-411	5.8	12
266	Development of a hypoglycaemia risk score to identify high-risk individuals with advanced type 2 diabetes in DEVOTE. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 2248-2256	6.7	2
265	Study protocol for assessing the user acceptance, safety and efficacy of a tablet-based workflow and decision support system with incorporated basal insulin algorithm for glycaemic management in participants with type 2 diabetes receiving home health care: A single-centre, open-label, uncontrolled proof-of-concept study. <i>Contemporary Clinical Trials Communications</i> , <b>2020</b> , 19, 100520	1.8	2
264	Intronic Variants in OCT1 are Associated with All-Cause and Cardiovascular Mortality in Metformin Users with Type 2 Diabetes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2020</b> , 13, 2069-2080	3.4	1
263	The Influence of an Attachment-Related Stimulus on Oxytocin Reactivity in Poly-Drug Users Undergoing Maintenance Therapy Compared to Healthy Controls. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 460506	5.6	1
262	Risk factors for kidney disorders in patients with type 2 diabetes at high cardiovascular risk: An exploratory analysis (DEVOTE 12). <i>Diabetes and Vascular Disease Research</i> , <b>2020</b> , 17, 1479164120970933	3.3	1
261	High-dose intravenous versus oral iron in blood donors with iron deficiency: The IronWoMan randomized, controlled clinical trial. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 737-745	5.9	12
260	Evaluating Glucose Control With a Novel Composite Continuous Glucose Monitoring Index. <i>Journal of Diabetes Science and Technology</i> , <b>2020</b> , 14, 277-283	4.1	15
259	Effects of vitamin D supplementation on metabolic and endocrine parameters in healthy premenopausal women: A randomized controlled trial. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 718-726	5.9	7
258	Novel Single-Site Device for Conjoined Glucose Sensing and Insulin Infusion: Performance Evaluation in Diabetes Patients During Home-Use. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 323-332	5	8

257	Cost-Effectiveness of Insulin Degludec Versus Insulin Glargine U300 in the Netherlands: Evidence From a Randomised Controlled Trial. <i>Advances in Therapy</i> , <b>2020</b> , 37, 2413-2426	4.1	5
256	Alternate Day Fasting Improves Physiological and Molecular Markers of Aging in Healthy, Non-obese Humans. <i>Cell Metabolism</i> , <b>2019</b> , 30, 462-476.e6	24.6	131
255	Young Children Have Higher Variability of Insulin Requirements: Observations During Hybrid Closed-Loop Insulin Delivery. <i>Diabetes Care</i> , <b>2019</b> , 42, 1344-1347	14.6	36
254	Efficacy and safety of oral semaglutide with flexible dose adjustment versus sitagliptin in type 2 diabetes (PIONEER 7): a multicentre, open-label, randomised, phase 3a trial. <i>Lancet Diabetes and Endocrinology</i> , <b>2019</b> , 7, 528-539	18.1	105
253	Fast-acting insulin aspart in people with type 2 diabetes: Earlier onset and greater initial exposure and glucose-lowering effect compared with insulin aspart. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 2068-2075	6.7	15
252	Cardiovascular safety and lower severe hypoglycaemia of insulin degludec versus insulin glargine U100 in patients with type 2 diabetes aged 65 years or older: Results from DEVOTE (DEVOTE 7). <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1625-1633	6.7	14
251	Short-term cost-utility of degludec versus glargine U100 for patients with type 2 diabetes at high risk of hypoglycaemia and cardiovascular events: A Canadian setting (DEVOTE 9). <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1706-1714	6.7	3
250	Efficacy and Safety of Fast-Acting Insulin Aspart in People with Type 1 Diabetes Using Carbohydrate Counting: A Post Hoc Analysis of Two Randomised Controlled Trials. <i>Diabetes Therapy</i> , <b>2019</b> , 10, 1029-1041	3.6	2
249	Lower rates of cardiovascular events and mortality associated with liraglutide use in patients treated with basal insulin: A DEVOTE subanalysis (DEVOTE 10). <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1437-1444	6.7	9
248	International Consensus on Risk Management of Diabetic Ketoacidosis in Patients With Type 1 Diabetes Treated With Sodium-Glucose Cotransporter (SGLT) Inhibitors. <i>Diabetes Care</i> , <b>2019</b> , 42, 1147-1154	14.6	138
247	Effects of vitamin D supplementation on metabolic and endocrine parameters in PCOS: a randomized-controlled trial. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 2019-2028	5.2	28
246	Feasibility and safety of using an automated decision support system for insulin therapy in the treatment of steroid-induced hyperglycemia in patients with acute graft-versus-host disease: A randomized trial. <i>Journal of Diabetes Investigation</i> , <b>2019</b> , 10, 339-342	3.9	3
245	Patients with healed diabetic foot ulcer represent a cohort at highest risk for future fatal events. <i>Scientific Reports</i> , <b>2019</b> , 9, 10325	4.9	15
244	Heart failure with insulin degludec versus glargine U100 in patients with type 2 diabetes at high risk of cardiovascular disease: DEVOTE 14. <i>Cardiovascular Diabetology</i> , <b>2019</b> , 18, 156	8.7	6
243	The flavonoid 4,4'-dimethoxychalcone promotes autophagy-dependent longevity across species. <i>Nature Communications</i> , <b>2019</b> , 10, 651	17.4	62
242	Clinical Pharmacology of Fast-Acting Insulin Aspart Versus Insulin Aspart Measured as Free or Total Insulin Aspart and the Relation to Anti-Insulin Aspart Antibody Levels in Subjects with Type 1 Diabetes Mellitus. <i>Clinical Pharmacokinetics</i> , <b>2019</b> , 58, 639-649	6.2	8
241	Insulin Bolus Administration in Insulin Pump Therapy: Effect of Bolus Delivery Speed on Insulin Absorption from Subcutaneous Tissue. <i>Diabetes Technology and Therapeutics</i> , <b>2019</b> , 21, 44-50	8.1	8
240	GlucoTab-guided insulin therapy using insulin glargine U300 enables glycaemic control with low risk of hypoglycaemia in hospitalized patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 584-591	6.7	9

239	A head-to-head comparison of personal and professional continuous glucose monitoring systems in people with type 1 diabetes: Hypoglycaemia remains the weak spot. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1043-1048	6.7	11
238	Effects of vitamin D supplementation on FGF23: a randomized-controlled trial. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 697-703	5.2	16
237	Greater early postprandial suppression of endogenous glucose production and higher initial glucose disappearance is achieved with fast-acting insulin aspart compared with insulin aspart. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 1615-1622	6.7	22
236	Hypoglycaemia incidence and recovery during home use of hybrid closed-loop insulin delivery in adults with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2004-2008	6.7	9
235	Impact of C-Peptide Status on the Response of Glucagon and Endogenous Glucose Production to Induced Hypoglycemia in T1DM. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 1408-1417	5.6	11
234	The co-formulation of insulin degludec and insulin aspart lowers fasting plasma glucose and rates of confirmed and nocturnal hypoglycaemia, independent of baseline glycated haemoglobin levels, disease duration or body mass index: A pooled meta-analysis of phase III studies in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 1505-1512	6.7	7
233	A prolonged run-in period of standard subcutaneous microdialysis ameliorates quality of interstitial glucose signal in patients after major cardiac surgery. <i>Scientific Reports</i> , <b>2018</b> , 8, 1262	4.9	2
232	Visceral leishmaniasis in a patient with diabetes mellitus type 2 and discrete bicytopenia. <i>Clinical Case Reports (discontinued)</i> , <b>2018</b> , 6, 78-81	0.7	3
231	Systematic in vivo evaluation of the time-dependent inflammatory response to steel and Teflon insulin infusion catheters. <i>Scientific Reports</i> , <b>2018</b> , 8, 1132	4.9	15
230	Vitamin D supplementation and lipoprotein metabolism: A randomized controlled trial. <i>Journal of Clinical Lipidology</i> , <b>2018</b> , 12, 588-596.e4	4.9	26
229	DEVOTE 3: temporal relationships between severe hypoglycaemia, cardiovascular outcomes and mortality. <i>Diabetologia</i> , <b>2018</b> , 61, 58-65	10.3	98
228	Day-to-day fasting glycaemic variability in DEVOTE: associations with severe hypoglycaemia and cardiovascular outcomes (DEVOTE 2). <i>Diabetologia</i> , <b>2018</b> , 61, 48-57	10.3	101
227	Intermittent Fasting (Alternate Day Fasting) in Healthy, Non-obese Adults: Protocol for a Cohort Trial with an Embedded Randomized Controlled Pilot Trial. <i>Advances in Therapy</i> , <b>2018</b> , 35, 1265-1283	4.1	10
226	A 26-Week Randomized Controlled Trial of Semaglutide Once Daily Versus Liraglutide and Placebo in Patients With Type 2 Diabetes Suboptimally Controlled on Diet and Exercise With or Without Metformin. <i>Diabetes Care</i> , <b>2018</b> , 41, 1926-1937	14.6	34
225	Prioritizing information topics for relatives of critically ill patients : Cross-sectional survey among intensive care unit relatives and professionals. <i>Wiener Klinische Wochenschrift</i> , <b>2018</b> , 130, 645-652	2.3	4
224	Effect of once-weekly semaglutide on the counterregulatory response to hypoglycaemia in people with type 2 diabetes: A randomized, placebo-controlled, double-blind, crossover trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2565-2573	6.7	11
223	Hormonal Contraceptive Use Is Associated With Higher Total but Unaltered Free 25-Hydroxyvitamin D Serum Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 2385-2391	5.6	12
222	Short-term effects of dapagliflozin on insulin sensitivity, postprandial glucose excursion and ketogenesis in type 1 diabetes mellitus: A randomized, placebo-controlled, double blind, cross-over pilot study. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 2685-2689	6.7	3

221	Association of allostatic load with health-related quality of life in patients with arterial hypertension: a cross-sectional analysis. <i>Swiss Medical Weekly</i> , <b>2018</b> , 148, w14689	3.1	2
220	Safety and tolerability of spermidine supplementation in mice and older adults with subjective cognitive decline. <i>Aging</i> , <b>2018</b> , 10, 19-33	5.6	60
219	Different Heart Rate Patterns During Cardio-Pulmonary Exercise (CPX) Testing in Individuals With Type 1 Diabetes. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 585	5.7	5
218	Does Home-Based Progressive Resistance or High-Intensity Circuit Training Improve Strength, Function, Activity or Participation in Children With Cerebral Palsy?. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 99, 2457-2464.e4	2.8	15
217	Rapid Benefits of Structured Optimization and Sensor-Augmented Insulin Pump Therapy in Adults With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , <b>2017</b> , 11, 180-181	4.1	3
216	Day-and-night glycaemic control with closed-loop insulin delivery versus conventional insulin pump therapy in free-living adults with well controlled type 1 diabetes: an open-label, randomised, crossover study. <i>Lancet Diabetes and Endocrinology</i> , <b>2017</b> , 5, 261-270	18.1	93
215	Dietary spermidine for lowering high blood pressure. <i>Autophagy</i> , <b>2017</b> , 13, 767-769	10.2	44
214	Evaluation of subcutaneous glucose monitoring systems under routine environmental conditions in patients with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 1051-1055	6.7	81
213	A Pooled Analysis of Clinical Pharmacology Trials Investigating the Pharmacokinetic and Pharmacodynamic Characteristics of Fast-Acting Insulin Aspart in Adults with Type 1 Diabetes. <i>Clinical Pharmacokinetics</i> , <b>2017</b> , 56, 551-559	6.2	106
212	The effect of high-dose cholecalciferol on bioavailable vitamin D levels in critically ill patients: a post hoc analysis of the VITdAL-ICU trial. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 1732-1734	14.5	14
211	Efficacy and Safety of Degludec versus Glargine in Type 2 Diabetes. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 723-732	59.2	349
210	Quantification of Basal Insulin Peglispro and Human Insulin in Adipose Tissue Interstitial Fluid by Open-Flow Microperfusion. <i>Diabetes Technology and Therapeutics</i> , <b>2017</b> , 19, 305-314	8.1	5
209	Faster insulin action is associated with improved glycaemic outcomes during closed-loop insulin delivery and sensor-augmented pump therapy in adults with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 1485-1489	6.7	6
208	Closing the Loop in Adults, Children and Adolescents With Suboptimally Controlled Type 1 Diabetes Under Free Living Conditions: A Psychosocial Substudy. <i>Journal of Diabetes Science and Technology</i> , <b>2017</b> , 11, 1080-1088	4.1	66
207	Early Hyperglycemia after Initiation of Glucocorticoid Therapy Predicts Adverse Outcome in Patients with Acute Graft-versus-Host Disease. <i>Biology of Blood and Marrow Transplantation</i> , <b>2017</b> , 23, 1186-1192	4.7	7
206	Glucose Exposure and Variability with Empagliflozin as Adjunct to Insulin in Patients with Type 1 Diabetes: Continuous Glucose Monitoring Data from a 4-Week, Randomized, Placebo-Controlled Trial (EASE-1). <i>Diabetes Technology and Therapeutics</i> , <b>2017</b> , 19, 49-60	8.1	38
205	Detailed Analysis of Insulin Absorption Variability and the Tissue Response to Continuous Subcutaneous Insulin Infusion Catheter Implantation in Swine. <i>Diabetes Technology and Therapeutics</i> , <b>2017</b> , 19, 641-650	8.1	16
204	Effect of Oral Semaglutide Compared With Placebo and Subcutaneous Semaglutide on Glycemic Control in Patients With Type 2 Diabetes: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 318, 1460-1470	27.4	211

203	Effects of Vitamin D Supplementation on IGF-1 and Calcitriol: A Randomized-Controlled Trial. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	20
202	Crosstalk between Stem and Progenitor Cellular Mediators with Special Emphasis on Vasculogenesis. <i>Transfusion Medicine and Hemotherapy</i> , <b>2017</b> , 44, 174-182	4.2	6
201	Combined metformin-associated lactic acidosis and euglycemic ketoacidosis. <i>Wiener Klinische Wochenschrift</i> , <b>2017</b> , 129, 646-649	2.3	6
200	Importance of kynurenine in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2017</b> , 313, L741-L751	5.8	19
199	Atypical blood glucose response to continuous and interval exercise in a person with type 1 diabetes: a case report. <i>Journal of Medical Case Reports</i> , <b>2017</b> , 11, 176	1.2	1
198	A Mobile Computerized Decision Support System to Prevent Hypoglycemia in Hospitalized Patients With Type 2 Diabetes Mellitus. <i>Journal of Diabetes Science and Technology</i> , <b>2017</b> , 11, 20-28	4.1	9
197	Treatment of hyperprolactinaemia reduces total cholesterol and LDL in patients with prolactinomas. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 155-161	3.9	14
196	Open Flow Microperfusion as a Dermal Pharmacokinetic Approach to Evaluate Topical Bioequivalence. <i>Clinical Pharmacokinetics</i> , <b>2017</b> , 56, 91-98	6.2	44
195	Effects of Vitamin D Supplementation on Bone Turnover Markers: A Randomized Controlled Trial. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	30
194	Alterations in Gut Microbiome Composition and Barrier Function Are Associated with Reproductive and Metabolic Defects in Women with Polycystic Ovary Syndrome (PCOS): A Pilot Study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0168390	3.7	134
193	Short-Acting Insulin Reduction Strategies for Continuous Cycle Ergometer Exercises in Patients with Type 1 Diabetes Mellitus. <i>Asian Journal of Sports Medicine</i> , <b>2017</b> , 8,	1.4	11
192	Behavioral Patterns and Associations with Glucose Control During 12-Week Randomized Free-Living Clinical Trial of Day and Night Hybrid Closed-Loop Insulin Delivery in Adults with Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , <b>2017</b> , 19, 433-437	8.1	10
191	Effects of high doses of vitamin D3 on mucosa-associated gut microbiome vary between regions of the human gastrointestinal tract. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 1479-89	5.2	138
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