

# B O Boehm

## List of Publications by Citations

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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.

73 papers	12,800 citations	30 h-index	80 g-index
80 ext. papers	15,524 ext. citations	10.9 avg, IF	5.28 L-index

#	Paper	IF	Citations
73	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206	50.4	2687
72	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , <b>2013</b> , 45, 1274-1283	36.3	1904
71	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , <b>2012</b> , 44, 981-90	36.3	1482
70	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , <b>2010</b> , 42, 579-89	36.3	1449
69	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
68	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , <b>2014</b> , 46, 234-44	36.3	784
67	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , <b>2012</b> , 44, 991-1005	36.3	621
66	Practical recommendations for the management of diabetes in patients with COVID-19. <i>Lancet Diabetes and Endocrinology</i> , <b>2020</b> , 8, 546-550	18.1	463
65	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003500	6	277
64	Rationale and design of the LURIC study--a resource for functional genomics, pharmacogenomics and long-term prognosis of cardiovascular disease. <i>Pharmacogenomics</i> , <b>2001</b> , 2, S1-73	2.6	267
63	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005378	6	220
62	Endocrine and metabolic link to coronavirus infection. <i>Nature Reviews Endocrinology</i> , <b>2020</b> , 16, 297-298	15.2	192
61	Bace2 is a $\beta$ -cell-enriched protease that regulates pancreatic $\beta$ -cell function and mass. <i>Cell Metabolism</i> , <b>2011</b> , 14, 365-77	24.6	102
60	Elevated serum levels of N(epsilon)-carboxymethyl-lysine, an advanced glycation end product, are associated with proliferative diabetic retinopathy and macular oedema. <i>Diabetologia</i> , <b>2004</b> , 47, 1376-9	10.3	94
59	Genetic analysis of adult-onset autoimmune diabetes. <i>Diabetes</i> , <b>2011</b> , 60, 2645-53	0.9	92
58	The ACE-2 in COVID-19: Foe or Friend?. <i>Hormone and Metabolic Research</i> , <b>2020</b> , 52, 257-263	3.1	84
57	CTSH regulates $\beta$ -cell function and disease progression in newly diagnosed type 1 diabetes patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 10305-10	11.5	62

56	New insights into the architecture of the islet of Langerhans: a focused cross-species assessment. <i>Diabetologia</i> , <b>2015</b> , 58, 2218-28	10.3	57
55	Pro- and anti-inflammatory cytokine production by autoimmune T cells against preproinsulin in HLA-DRB1*04, DQ8 Type 1 diabetes. <i>Diabetologia</i> , <b>2004</b> , 47, 439-450	10.3	57
54	Four Susceptibility Loci for Gallstone Disease Identified in a Meta-analysis of Genome-Wide Association Studies. <i>Gastroenterology</i> , <b>2016</b> , 151, 351-363.e28	13.3	54
53	Influence of TCF7L2 gene variants on the therapeutic response to the dipeptidylpeptidase-4 inhibitor linagliptin. <i>Diabetologia</i> , <b>2014</b> , 57, 1869-75	10.3	47
52	C-peptide levels in latent autoimmune diabetes in adults treated with linagliptin versus glimepiride: exploratory results from a 2-year double-blind, randomized, controlled study. <i>Diabetes Care</i> , <b>2014</b> , 37, e11-2	14.6	47
51	Spectrum of mutations in monogenic diabetes genes identified from high-throughput DNA sequencing of 6888 individuals. <i>BMC Medicine</i> , <b>2017</b> , 15, 213	11.4	45
50	The broad clinical phenotype of Type 1 diabetes at presentation. <i>Diabetic Medicine</i> , <b>2013</b> , 30, 170-8	3.5	43
49	Rapid and label-free microfluidic neutrophil purification and phenotyping in diabetes mellitus. <i>Scientific Reports</i> , <b>2016</b> , 6, 29410	4.9	40
48	LFA-1/ICAM-1 Ligation in Human T Cells Promotes Th1 Polarization through a GSK3 $\beta$ Signaling-Dependent Notch Pathway. <i>Journal of Immunology</i> , <b>2016</b> , 197, 108-18	5.3	40
47	Prevalence, incidence and concomitant co-morbidities of type 2 diabetes mellitus in South Western Germany—a retrospective cohort and case control study in claims data of a large statutory health insurance. <i>BMC Public Health</i> , <b>2015</b> , 15, 855	4.1	38
46	COVID-19 and metabolic disease: mechanisms and clinical management. <i>Lancet Diabetes and Endocrinology</i> , <b>2021</b> , 9, 786-798	18.1	33
45	Systematic Evaluation of Genes and Genetic Variants Associated with Type 1 Diabetes Susceptibility. <i>Journal of Immunology</i> , <b>2016</b> , 196, 3043-53	5.3	31
44	Immunoglobulin variable gene analysis of human autoantibodies reveals antigen-driven immune response to glutamate decarboxylase in type 1 diabetes mellitus. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1703-12	6.1	30
43	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , <b>2021</b> , 12, 24	17.4	30
42	Rapid purification of sub-micrometer particles for enhanced drug release and microvesicles isolation. <i>NPG Asia Materials</i> , <b>2017</b> , 9, e434-e434	10.3	28
41	A randomised controlled trial evaluating the impact of targeted vitamin D supplementation on endothelial function in type 2 diabetes mellitus: The DIMENSION trial. <i>Diabetes and Vascular Disease Research</i> , <b>2016</b> , 13, 192-200	3.3	26
40	Genetics of Type 2 Diabetes and Clinical Utility. <i>Genes</i> , <b>2015</b> , 6, 372-84	4.2	26
39	Use of somatostatin receptor ligands in obesity and diabetic complications. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , <b>2002</b> , 16, 493-509	2.5	26

38	An Update on Addison's Disease. <i>Experimental and Clinical Endocrinology and Diabetes</i> , <b>2019</b> , 127, 165-175	3	26
37	Association of myeloperoxidase with total and cardiovascular mortality in individuals undergoing coronary angiography--the LURIC study. <i>International Journal of Cardiology</i> , <b>2014</b> , 174, 96-105	3.2	21
36	Global Profiling of Metabolite and Lipid Soluble Microbial Products in Anaerobic Wastewater Reactor Supernatant Using UPLC-MS. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 559-570	5.6	19
35	Inverse association of the endogenous thrombin potential (ETP) with cardiovascular death: the Ludwigshafen Risk and Cardiovascular Health (LURIC) study. <i>International Journal of Cardiology</i> , <b>2014</b> , 176, 139-44	3.2	19
34	Decision Support and Alerts of Apps for Self-management of Blood Glucose for Type 2 Diabetes. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 1530-1532	27.4	18
33	The therapeutic potential of somatostatin receptor ligands in the treatment of obesity and diabetes. <i>Expert Opinion on Investigational Drugs</i> , <b>2003</b> , 12, 1501-9	5.9	18
32	Association between antibodies to the MR 67,000 isoform of glutamate decarboxylase (GAD) and type 1 (insulin-dependent) diabetes mellitus with coexisting autoimmune polyendocrine syndrome type II. <i>Autoimmunity</i> , <b>1994</b> , 19, 231-8	3	18
31	Consequences of the COVID-19 pandemic for patients with metabolic diseases. <i>Nature Metabolism</i> , <b>2021</b> , 3, 289-292	14.6	17
30	A Novel Microdevice for Rapid Neutrophil Purification and Phenotyping in Type 2 Diabetes Mellitus. <i>Small</i> , <b>2018</b> , 14, 1702832	11	17
29	The haptoglobin 2-2 genotype is associated with inflammation and carotid artery intima-media thickness. <i>Diabetes and Vascular Disease Research</i> , <b>2016</b> , 13, 373-6	3.3	16
28	The metabolic syndrome. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2005</b> , 240, 3-13	2	16
27	A Smartphone App to Improve Medication Adherence in Patients With Type 2 Diabetes in Asia: Feasibility Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , <b>2019</b> , 7, e14914	5.5	16
26	Use of long-acting somatostatin analogue treatment in diabetic retinopathy. <i>Developments in Ophthalmology</i> , <b>2007</b> , 39, 111-121		15
25	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. <i>Diabetes Care</i> , <b>2020</b> , 43, 418-425	14.6	15
24	Objectively measured physical activity and vitamin D status in older people from Germany. <i>Journal of Epidemiology and Community Health</i> , <b>2015</b> , 69, 388-92	5.1	13
23	Islet macrophages are associated with islet vascular remodeling and compensatory hyperinsulinemia during diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 317, E1108-E1120	6	11
22	Single-cell transcriptomics of East-Asian pancreatic islets cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 5024	4.9	11
21	Loss of wild-type MEN1 gene expression in multiple endocrine neoplasia type 1-associated parathyroid adenoma. <i>Endocrine Journal</i> , <b>1999</b> , 46, 539-44	2.9	11

20	Colorimetric Urinalysis for On-Site Detection of Metabolic Biomarkers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 31270-31281	9.5	9
19	Lymphocytes of type 2 diabetic women carry a high load of stable chromosomal aberrations: a novel risk factor for disease-related early death. <i>Diabetes</i> , <b>2008</b> , 57, 2950-7	0.9	9
18	Extracorporeal apheresis therapy for Alzheimer disease-targeting lipids, stress, and inflammation. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 275-282	15.1	9
17	The implications of COVID-19 infection on the endothelium: A metabolic vascular perspective. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2021</b> , 37, e3402	7.5	9
16	Influence of plasma cortisol and other laboratory parameters on nonalcoholic Fatty liver disease. <i>Hormone and Metabolic Research</i> , <b>2015</b> , 47, 479-84	3.1	8
15	Glutamic acid decarboxylase and islet antigen 2 antibody profiles in people with adult-onset diabetes mellitus: a comparison between mixed ethnic populations in Singapore and Germany. <i>Diabetic Medicine</i> , <b>2017</b> , 34, 1145-1153	3.5	6
14	Mutations and variants of ONECUT1 in diabetes. <i>Nature Medicine</i> , <b>2021</b> , 27, 1928-1940	50.5	6
13	Molecular phenotyping of oxidative stress in diabetes mellitus with point-of-care NMR system. <i>Npj Aging and Mechanisms of Disease</i> , <b>2020</b> , 6, 11	5.5	6
12	Diabetes Care During COVID-19 Pandemic in Singapore Using a Telehealth Strategy. <i>Hormone and Metabolic Research</i> , <b>2021</b> , 53, 191-196	3.1	6
11	Thyroid examination in highly radiation-exposed workers after the Chernobyl accident. <i>European Journal of Endocrinology</i> , <b>2009</b> , 160, 625-30	6.5	5
10	Molecular Phenotyping of Oxidative Stress in Diabetes Mellitus with Point-of-care NMR system		5
9	Impact of Vitamin E supplementation on vascular function in haptoglobin genotype stratified diabetes patients (EVAS Trial): a randomised controlled trial. <i>Nutrition and Diabetes</i> , <b>2020</b> , 10, 13	4.7	3
8	Direct analysis - no sample preparation - of bioavailable cortisol in human plasma by weak affinity chromatography (WAC). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1061-1062, 438-444	3.2	3
7	Menin mutations in the diagnosis and prediction of multiple endocrine neoplasia type 1. <i>Langenbecks Archiv Fur Chirurgie</i> , <b>1998</b> , 383, 183-6		2
6	Elevated cell stress levels promote severe diabetes development in mice with MODY4. <i>Journal of Endocrinology</i> , <b>2020</b> , 244, 323-337	4.7	2
5	The therapeutic potential of somatostatin receptor ligands in the treatment of obesity and diabetes		1
4	Micronutrient supplementation before COVID-19 vaccination can protect against adverse effects.. <i>Clinical Nutrition ESPEN</i> , <b>2022</b> , 47, 433-434	1.3	1
3	Thrombosis post COVID-19 vaccinations: Potential link to ACE pathways. <i>Thrombosis Research</i> , <b>2021</b> , 206, 137-138	8.2	1

- 2 Insulin Allergy to Detemir Followed by Rapid Onset of Diabetic Ketoacidosis: A Case Report and Literature Review.. *Frontiers in Endocrinology*, **2022**, 13, 844040 5.7 o
- 1 Neutrophil Phenotyping: A Novel Microdevice for Rapid Neutrophil Purification and Phenotyping in Type 2 Diabetes Mellitus (Small 6/2018). *Small*, **2018**, 14, 1870025 11