

B O Boehm

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

17,243
citations

109321

35
h-index

74163

75
g-index

80
all docs

80
docs citations

80
times ranked

26027
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
2	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641
3	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012, 44, 981-990.	21.4	1,748
4	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010, 42, 579-589.	21.4	1,631
5	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
6	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	21.4	959
7	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	21.4	746
8	Practical recommendations for the management of diabetes in patients with COVID-19. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 546-550.	11.4	680
9	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	3.5	371
10	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> , 2015, 11, e1005378.	3.5	331
11	Rationale and design of the LURIC study - a resource for functional genomics, pharmacogenomics and long-term prognosis of cardiovascular disease. <i>Pharmacogenomics</i> , 2001, 2, S1-S73.	1.3	321
12	Endocrine and metabolic link to coronavirus infection. <i>Nature Reviews Endocrinology</i> , 2020, 16, 297-298.	9.6	276
13	COVID-19 and metabolic disease: mechanisms and clinical management. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 786-798.	11.4	155
14	The ACE-2 in COVID-19: Foe or Friend?. <i>Hormone and Metabolic Research</i> , 2020, 52, 257-263.	1.5	130
15	Genetic Analysis of Adult-Onset Autoimmune Diabetes. <i>Diabetes</i> , 2011, 60, 2645-2653.	0.6	115
16	Bace2 Is a β 2 Cell-Enriched Protease that Regulates Pancreatic β 2 Cell Function and Mass. <i>Cell Metabolism</i> , 2011, 14, 365-377.	16.2	114
17	Elevated serum levels of N ϵ -carboxymethyl-lysine, an advanced glycation end product, are associated with proliferative diabetic retinopathy and macular oedema. <i>Diabetologia</i> , 2004, 47, 1376-9.	6.3	110
18	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	12.8	87

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19	<i>CTSH</i> regulates β -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> , 2014, 111, 10305-10310.	7.1	81
20	New insights into the architecture of the islet of Langerhans: a focused cross-species assessment. <i>Diabetologia</i> , 2015, 58, 2218-2228.	6.3	81
21	Spectrum of mutations in monogenic diabetes genes identified from high-throughput DNA sequencing of 6888 individuals. <i>BMC Medicine</i> , 2017, 15, 213.	5.5	75
22	Four Susceptibility Loci for Gallstone Disease Identified in a Meta-analysis of Genome-Wide Association Studies. <i>Gastroenterology</i> , 2016, 151, 351-363.e28.	1.3	74
23	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> , 2014, 37, e11-e12.	8.6	68
24	LFA-1/ICAM-1 Ligation in Human T Cells Promotes Th1 Polarization through a GSK3 β Signaling-Dependent Notch Pathway. <i>Journal of Immunology</i> , 2016, 197, 108-118.	0.8	64
25	Pro- and anti-inflammatory cytokine production by autoimmune T cells against preproinsulin in HLA-DRB1*04, DQ8 Type 1 diabetes. <i>Diabetologia</i> , 2004, 47, 439-450.	6.3	62
26	Influence of TCF7L2 gene variants on the therapeutic response to the dipeptidylpeptidase-4 inhibitor linagliptin. <i>Diabetologia</i> , 2014, 57, 1869-1875.	6.3	60
27	An Update on Addison's Disease. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019, 127, 165-175.	1.2	57
28	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> , 2015, 15, 855.	2.9	55
29	The broad clinical phenotype of Type 1 diabetes at presentation. <i>Diabetic Medicine</i> , 2013, 30, 170-178.	2.3	52
30	Rapid and label-free microfluidic neutrophil purification and phenotyping in diabetes mellitus. <i>Scientific Reports</i> , 2016, 6, 29410.	3.3	51
31	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> , 2019, 7, e14914.	3.7	49
32	Systematic Evaluation of Genes and Genetic Variants Associated with Type 1 Diabetes Susceptibility. <i>Journal of Immunology</i> , 2016, 196, 3043-3053.	0.8	47
33	Rapid purification of sub-micrometer particles for enhanced drug release and microvesicles isolation. <i>NPG Asia Materials</i> , 2017, 9, e434-e434.	7.9	44
34	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> , 2016, 13, 192-200.	2.0	40
35	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> , 1995, 25, 1703-1712.	2.9	35
36	Genetics of Type 2 Diabetes and Clinical Utility. <i>Genes</i> , 2015, 6, 372-384.	2.4	34

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37	Use of somatostatin receptor ligands in obesity and diabetic complications. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2002, 16, 493-509.	2.4	33
38	Consequences of the COVID-19 pandemic for patients with metabolic diseases. <i>Nature Metabolism</i> , 2021, 3, 289-292.	11.9	33
39	Association of myeloperoxidase with total and cardiovascular mortality in individuals undergoing coronary angiographyâ€”The LURIC study. <i>International Journal of Cardiology</i> , 2014, 174, 96-105.	1.7	32
40	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> , 2019, 321, 1530.	7.4	31
41	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> , 1994, 19, 231-238.	2.6	29
42	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> , 2014, 176, 139-144.	1.7	28
43	Global Profiling of Metabolite and Lipid Soluble Microbial Products in Anaerobic Wastewater Reactor Supernatant Using UPLCâ€”MS^E. <i>Journal of Proteome Research</i> , 2017, 16, 559-570.	3.7	27
44	Colorimetric Urinalysis for On-Site Detection of Metabolic Biomarkers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31270-31281.	8.0	25
45	Mutations and variants of ONECUT1 in diabetes. <i>Nature Medicine</i> , 2021, 27, 1928-1940.	30.7	24
46	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. <i>Diabetes Care</i> , 2020, 43, 418-425.	8.6	23
47	The therapeutic potential of somatostatin receptor ligands in the treatment of obesity and diabetes. <i>Expert Opinion on Investigational Drugs</i> , 2003, 12, 1501-1509.	4.1	22
48	A Novel Microdevice for Rapid Neutrophil Purification and Phenotyping in Type 2 Diabetes Mellitus. <i>Small</i> , 2018, 14, 1702832.	10.0	22
49	The haptoglobin 2-2 genotype is associated with inflammation and carotid artery intima-media thickness. <i>Diabetes and Vascular Disease Research</i> , 2016, 13, 373-376.	2.0	21
50	Islet macrophages are associated with islet vascular remodeling and compensatory hyperinsulinemia during diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E1108-E1120.	3.5	21
51	Stress-inducible-stem cells: a new view on endocrine, metabolic and mental disease?. <i>Molecular Psychiatry</i> , 2019, 24, 2-9.	7.9	21
52	Objectively measured physical activity and vitamin D status in older people from Germany. <i>Journal of Epidemiology and Community Health</i> , 2015, 69, 388-392.	3.7	20
53	The Metabolic Syndrome. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2005, 65, 3-13.	1.2	18
54	Molecular phenotyping of oxidative stress in diabetes mellitus with point-of-care NMR system. <i>Npj Aging and Mechanisms of Disease</i> , 2020, 6, 11.	4.5	18

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55	Use of Long-Acting Somatostatin Analogue Treatment in Diabetic Retinopathy. , 2007, 39, 111-121.		16
56	Single-cell transcriptomics of East-Asian pancreatic islets cells. Scientific Reports, 2017, 7, 5024.	3.3	16
57	Extracorporeal apheresis therapy for Alzheimer diseaseâ€”targeting lipids, stress, and inflammation. Molecular Psychiatry, 2020, 25, 275-282.	7.9	16
58	Loss of Wild-Type MEN1 Gene Expression in Multiple Endocrine Neoplasia Type 1-Associated Parathyroid Adenoma.. Endocrine Journal, 1999, 46, 539-544.	1.6	15
59	The implications of COVIDâ€”19 infection on the endothelium: A metabolic vascular perspective. Diabetes/Metabolism Research and Reviews, 2021, 37, e3402.	4.0	14
60	Age-dependent effects of <i>Igf2bp2</i> on gene regulation, function, and aging of hematopoietic stem cells in mice. Blood, 2022, 139, 2653-2665.	1.4	14
61	Lymphocytes of Type 2 Diabetic Women Carry a High Load of Stable Chromosomal Aberrations: A Novel Risk Factor for Disease-Related Early Death. Diabetes, 2008, 57, 2950-2957.	0.6	12
62	Influence of Plasma Cortisol and Other Laboratory Parameters on Nonalcoholic Fatty Liver Disease. Hormone and Metabolic Research, 2015, 47, 479-484.	1.5	12
63	Glutamic acid decarboxylase and islet antigen 2 antibody profiles in people with adultâ€”onset diabetes mellitus: a comparison between mixed ethnic populations in Singapore and Germany. Diabetic Medicine, 2017, 34, 1145-1153.	2.3	11
64	Impact of Vitamin E supplementation on vascular function in haptoglobin genotype stratified diabetes patients (EVAS Trial): a randomised controlled trial. Nutrition and Diabetes, 2020, 10, 13.	3.2	11
65	Diabetes Care During COVID-19 Pandemic in Singapore Using a Telehealth Strategy. Hormone and Metabolic Research, 2021, 53, 191-196.	1.5	11
66	Thyroid examination in highly radiation-exposed workers after the Chernobyl accident. European Journal of Endocrinology, 2009, 160, 625-630.	3.7	8
67	Colorimetric and Fluorometric Profiling of Advanced Glycation End Products. ACS Applied Materials & Interfaces, 2022, 14, 94-103.	8.0	8
68	Micronutrient supplementation before COVID-19 vaccination can protect against adverse effects. Clinical Nutrition ESPEN, 2022, 47, 433-434.	1.2	5
69	Direct analysis â€”no sample preparationâ€” of bioavailable cortisol in human plasma by weak affinity chromatography (WAC). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 438-444.	2.3	4
70	Elevated Î²-cell stress levels promote severe diabetes development in mice with MODY4. Journal of Endocrinology, 2020, 244, 323-337.	2.6	4
71	Menin mutations in the diagnosis and prediction of multiple endocrine neoplasia type 1. Langenbecks Archiv Fur Chirurgie, 1998, 383, 183.	0.2	3
72	Insulin Allergy to Detemir Followed by Rapid Onset of Diabetic Ketoacidosis: A Case Report and Literature Review. Frontiers in Endocrinology, 2022, 13, 844040.	3.5	3

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73	Thrombosis post COVID-19 vaccinations: Potential link to ACE pathways. Thrombosis Research, 2021, 206, 137-138.	1.7	1
74	The therapeutic potential of somatostatin receptor ligands in the treatment of obesity and diabetes. Expert Opinion on Investigational Drugs, 2003, 12, 1501-1509.	4.1	1
75	Neutrophil Phenotyping: A Novel Microdevice for Rapid Neutrophil Purification and Phenotyping in Type 2 Diabetes Mellitus (Small 6/2018). Small, 2018, 14, 1870025.	10.0	0
76	Reply - Letter to the editor: "Micronutrient supplementation, COVID-19 vaccination and adverse effect". Clinical Nutrition ESPEN, 2022, , .	1.2	0