B O Boehm

List of Publications by Year in descending order

76 papers	17,243 citations	109264 35 h-index	74108 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. Nature, 2015, 518, 197-206.	13.7	3,823
2	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	9.4	2,641
3	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	9.4	1,748
4	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. Nature Genetics, 2010, 42, 579-589.	9.4	1,631
5	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
6	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
7	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	9.4	746
8	Practical recommendations for the management of diabetes in patients with COVID-19. Lancet Diabetes and Endocrinology,the, 2020, 8, 546-550.	5.5	680
9	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. PLoS Genetics, 2013, 9, e1003500.	1.5	371
10	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	1.5	331
11	Rationale and design of the LURIC study - a resource for functional genomics, pharmacogenomics and long-term prognosis of cardiovascular disease. Pharmacogenomics, 2001, 2, S1-S73.	0.6	321
12	Endocrine and metabolic link to coronavirus infection. Nature Reviews Endocrinology, 2020, 16, 297-298.	4.3	276
13	COVID-19 and metabolic disease: mechanisms and clinical management. Lancet Diabetes and Endocrinology,the, 2021, 9, 786-798.	5.5	155
14	The ACE-2 in COVID-19: Foe or Friend?. Hormone and Metabolic Research, 2020, 52, 257-263.	0.7	130
15	Genetic Analysis of Adult-Onset Autoimmune Diabetes. Diabetes, 2011, 60, 2645-2653.	0.3	115
16	Bace2 Is a Î² Cell-Enriched Protease that Regulates Pancreatic Î² Cell Function and Mass. Cell Metabolism, 2011, 14, 365-377.	7.2	114
17	Elevated serum levels of N?-carboxymethyl-lysine, an advanced glycation end product, are associated with proliferative diabetic retinopathy and macular oedema. Diabetologia, 2004, 47, 1376-9.	2.9	110
18	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	5.8	87

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19	CTSH regulates Î²-cell function and disease progression in newly diagnosed type 1 diabetes patients. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10305-10310.	3.3	81
20	New insights into the architecture of the islet of Langerhans: a focused cross-species assessment. Diabetologia, 2015, 58, 2218-2228.	2.9	81
21	Spectrum of mutations in monogenic diabetes genes identified from high-throughput DNA sequencing of 6888 individuals. BMC Medicine, 2017, 15, 213.	2.3	75
22	Four Susceptibility Loci for Gallstone Disease Identified in a Meta-analysis of Genome-Wide Association Studies. Gastroenterology, 2016, 151, 351-363.e28.	0.6	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. Diabetes Care, 2014, 37, e11-e12.	4.3	68
24	LFA-1/ICAM-1 Ligation in Human T Cells Promotes Th1 Polarization through a GSK3Î² Signalingâ€“Dependent Notch Pathway. Journal of Immunology, 2016, 197, 108-118.	0.4	64
25	Pro- and anti-inflammatory cytokine production by autoimmune T cells against preproinsulin in HLA-DRB1*04, DQ8 Type 1 diabetes. Diabetologia, 2004, 47, 439-450.	2.9	62
26	Influence of TCF7L2 gene variants on the therapeutic response to the dipeptidylpeptidase-4 inhibitor linagliptin. Diabetologia, 2014, 57, 1869-1875.	2.9	60
27	An Update on Addisonâ€™s Disease. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 165-175.	0.6	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. BMC Public Health, 2015, 15, 855.	1.2	55
29	The broad clinical phenotype of Type 1 diabetes at presentation. Diabetic Medicine, 2013, 30, 170-178.	1.2	52
30	Rapid and label-free microfluidic neutrophil purification and phenotyping in diabetes mellitus. Scientific Reports, 2016, 6, 29410.	1.6	51
31	A Smartphone App to Improve Medication Adherence in Patients With Type 2 Diabetes in Asia: Feasibility Randomized Controlled Trial. JMIR MHealth and UHealth, 2019, 7, e14914.	1.8	49
32	Systematic Evaluation of Genes and Genetic Variants Associated with Type 1 Diabetes Susceptibility. Journal of Immunology, 2016, 196, 3043-3053.	0.4	47
33	Rapid purification of sub-micrometer particles for enhanced drug release and microvesicles isolation. NPG Asia Materials, 2017, 9, e434-e434.	3.8	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. Diabetes and Vascular Disease Research, 2016, 13, 192-200.	0.9	40
35	Immunoglobulin variable gene analysis of human autoantibodies reveals antigen-driven immune response to glutamate decarboxylase in type 1 diabetes mellitus. European Journal of Immunology, 1995, 25, 1703-1712.	1.6	35
36	Genetics of Type 2 Diabetes and Clinical Utility. Genes, 2015, 6, 372-384.	1.0	34

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37	Use of somatostatin receptor ligands in obesity and diabetic complications. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2002, 16, 493-509.	1.0	33
38	Consequences of the COVID-19 pandemic for patients with metabolic diseases. Nature Metabolism, 2021, 3, 289-292.	5.1	33
39	Association of myeloperoxidase with total and cardiovascular mortality in individuals undergoing coronary angiographyâ€"The LURIC study. International Journal of Cardiology, 2014, 174, 96-105.	0.8	32
40	Decision Support and Alerts of Apps for Self-management of Blood Glucose for Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2019, 321, 1530.	3.8	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. Autoimmunity, 1994, 19, 231-238.	1.2	29
42	Inverse association of the endogenous thrombin potential (ETP) with cardiovascular death: The Ludwigshafen Risk and Cardiovascular Health (LURIC) study. International Journal of Cardiology, 2014, 176, 139-144.	0.8	28
43	Global Profiling of Metabolite and Lipid Soluble Microbial Products in Anaerobic Wastewater Reactor Supernatant Using UPLCâ€"MS^E. Journal of Proteome Research, 2017, 16, 559-570.	1.8	27
44	Colorimetric Urinalysis for On-Site Detection of Metabolic Biomarkers. ACS Applied Materials & Interfaces, 2020, 12, 31270-31281.	4.0	25
45	Mutations and variants of ONECUT1 in diabetes. Nature Medicine, 2021, 27, 1928-1940.	15.2	24
46	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. Diabetes Care, 2020, 43, 418-425.	4.3	23
47	The therapeutic potential of somatostatin receptor ligands in the treatment of obesity and diabetes. Expert Opinion on Investigational Drugs, 2003, 12, 1501-1509.	1.9	22
48	A Novel Microdevice for Rapid Neutrophil Purification and Phenotyping in Type 2 Diabetes Mellitus. Small, 2018, 14, 1702832.	5.2	22
49	The haptoglobin 2-2 genotype is associated with inflammation and carotid artery intima-media thickness. Diabetes and Vascular Disease Research, 2016, 13, 373-376.	0.9	21
50	Islet macrophages are associated with islet vascular remodeling and compensatory hyperinsulinemia during diabetes. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E1108-E1120.	1.8	21
51	Stress-inducible-stem cells: a new view on endocrine, metabolic and mental disease?. Molecular Psychiatry, 2019, 24, 2-9.	4.1	21
52	Objectively measured physical activity and vitamin D status in older people from Germany. Journal of Epidemiology and Community Health, 2015, 69, 388-392.	2.0	20
53	The Metabolic Syndrome. Scandinavian Journal of Clinical and Laboratory Investigation, 2005, 65, 3-13.	0.6	18
54	Molecular phenotyping of oxidative stress in diabetes mellitus with point-of-care NMR system. Npj Aging and Mechanisms of Disease, 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.	1.6	16
57	Extracorporeal apheresis therapy for Alzheimer diseaseâ€"targeting lipids, stress, and inflammation. Molecular Psychiatry, 2020, 25, 275-282.	4.1	16
58	Loss of Wild-Type MEN1 Gene Expression in Multiple Endocrine Neoplasia Type 1-Associated Parathyroid Adenoma.. Endocrine Journal, 1999, 46, 539-544.	0.7	15
59	The implications of COVIDâ€19 infection on the endothelium: A metabolic vascular perspective. Diabetes/Metabolism Research and Reviews, 2021, 37, e3402.	1.7	14
60	Age-dependent effects of Igf2bp2 on gene regulation, function, and aging of hematopoietic stem cells in mice. Blood, 2022, 139, 2653-2665.	0.6	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.	0.3	12
62	Influence of Plasma Cortisol and Other Laboratory Parameters on Nonalcoholic Fatty Liver Disease. Hormone and Metabolic Research, 2015, 47, 479-484.	0.7	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.	1.2	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.	1.5	11
65	Diabetes Care During COVID-19 Pandemic in Singapore Using a Telehealth Strategy. Hormone and Metabolic Research, 2021, 53, 191-196.	0.7	11
66	Thyroid examination in highly radiation-exposed workers after the Chernobyl accident. European Journal of Endocrinology, 2009, 160, 625-630.	1.9	8
67	Colorimetric and Fluorometric Profiling of Advanced Glycation End Products. ACS Applied Materials & Interfaces, 2022, 14, 94-103.	4.0	8
68	Micronutrient supplementation before COVID-19 vaccination can protect against adverse effects. Clinical Nutrition ESPEN, 2022, 47, 433-434.	0.5	5
69	Direct analysis â€“ no sample preparation â€“ 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.	1.2	4
70	Elevated Î²-cell stress levels promote severe diabetes development in mice with MODY4. Journal of Endocrinology, 2020, 244, 323-337.	1.2	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.	1.5	3

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73	Thrombosis post COVID-19 vaccinations: Potential link to ACE pathways. Thrombosis Research, 2021, 206, 137-138.	0.8	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.	1.9	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.	5.2	0
76	Reply - Letter to the editor: â€œMicronutrient supplementation, COVID-19 vaccination and adverse effectâ€. Clinical Nutrition ESPEN, 2022, , .	0.5	0