

Dwaipayan Bharadwaj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/128673/publications.pdf>

Version: 2024-02-01

76
papers

3,902
citations

218381

26
h-index

138251

58
g-index

80
all docs

80
docs citations

80
times ranked

7762
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
2	The Major Receptor for C-Reactive Protein on Leukocytes Is Fc γ Receptor II. <i>Journal of Experimental Medicine</i> , 1999, 190, 585-590.	4.2	354
3	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	13.7	353
4	C-reactive protein binding to Fc γ RIIa on human monocytes and neutrophils is allele-specific. <i>Journal of Clinical Investigation</i> , 2000, 105, 369-376.	3.9	182
5	Genome-Wide Association Study for Type 2 Diabetes in Indians Identifies a New Susceptibility Locus at 2q21. <i>Diabetes</i> , 2013, 62, 977-986.	0.3	173
6	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
7	Impact of Common Variants of <i>PPARG</i> , <i>KCNJ11</i> , <i>TCF7L2</i> , <i>SLC30A8</i> , <i>HHEX</i> , <i>CDKN2A</i> , <i>IGF2BP2</i> , and <i>CDKAL1</i> on the Risk of Type 2 Diabetes in 5,164 Indians. <i>Diabetes</i> , 2010, 59, 2068-2074.	0.3	163
8	Serum Amyloid P Component Binds to Fc γ Receptors and Opsonizes Particles for Phagocytosis. <i>Journal of Immunology</i> , 2001, 166, 6735-6741.	0.4	155
9	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
10	High-Sensitivity C-Reactive Protein Levels and Type 2 Diabetes in Urban North Indians. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2123-2127.	1.8	65
11	Common variants of FTO and the risk of obesity and type 2 diabetes in Indians. <i>Journal of Human Genetics</i> , 2011, 56, 720-726.	1.1	63
12	Common Variants of IL6, LEPR, and PBEF1 Are Associated With Obesity in Indian Children. <i>Diabetes</i> , 2012, 61, 626-631.	0.3	55
13	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032.	0.3	47
14	Renin-Angiotensin System in Pathogenesis of Atherosclerosis and Treatment of CVD. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6702.	1.8	46
15	Association of variants in genes involved in pancreatic β -cell development and function with type 2 diabetes in North Indians. <i>Journal of Human Genetics</i> , 2011, 56, 695-700.	1.1	37
16	Prevalence of vitamin B ₁₂ deficiency in healthy Indian school-going adolescents from rural and urban localities and its relationship with various anthropometric indices: a cross-sectional study. <i>Journal of Human Nutrition and Dietetics</i> , 2018, 31, 513-522.	1.3	37
17	Anti-Inflammatory Therapy for Atherosclerosis: Focusing on Cytokines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7061.	1.8	37
18	Genome wide association study of uric acid in Indian population and interaction of identified variants with Type 2 diabetes. <i>Scientific Reports</i> , 2016, 6, 21440.	1.6	36

#	ARTICLE	IF	CITATIONS
19	Genetic epidemiology of pharmacogenetic variations in <i>CYP2C9</i> , <i>CYP4F2</i> and <i>VKORC1</i> genes associated with warfarin dosage in the Indian population. <i>Pharmacogenomics</i> , 2014, 15, 1337-1354.	0.6	35
20	Oligonucleotide properties determination and primer designing: a critical examination of predictions. <i>Bioinformatics</i> , 2005, 21, 3918-3925.	1.8	34
21	Elevated levels of C-reactive protein as a risk factor for Metabolic Syndrome in Indians. <i>Atherosclerosis</i> , 2012, 220, 275-281.	0.4	34
22	Common Variants in <i>CLDN2</i> and <i>MORC4</i> Genes Confer Disease Susceptibility in Patients with Chronic Pancreatitis. <i>PLoS ONE</i> , 2016, 11, e0147345.	1.1	34
23	Genetic variants of <i>FOXA2</i> : risk of type 2 diabetes and effect on metabolic traits in North Indians. <i>Journal of Human Genetics</i> , 2008, 53, 957-965.	1.1	33
24	Genetic Variant of <i>AMD1</i> Is Associated with Obesity in Urban Indian Children. <i>PLoS ONE</i> , 2012, 7, e33162.	1.1	33
25	Obesity-dependent association of <i>TNF-LTA</i> locus with type 2 diabetes in North Indians. <i>Journal of Molecular Medicine</i> , 2010, 88, 515-522.	1.7	31
26	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	2.4	31
27	Factor VII Central. <i>Journal of Biological Chemistry</i> , 1996, 271, 30685-30691.	1.6	29
28	DNA methylation profiling reveals the presence of population-specific signatures correlating with phenotypic characteristics. <i>Molecular Genetics and Genomics</i> , 2017, 292, 655-662.	1.0	29
29	Strong influence of variants near <i>MC4R</i> on adiposity in children and adults: a cross-sectional study in Indian population. <i>Journal of Human Genetics</i> , 2013, 58, 27-32.	1.1	28
30	Evaluation of <i>DOK5</i> as a susceptibility gene for type 2 diabetes and obesity in North Indian population. <i>BMC Medical Genetics</i> , 2010, 11, 35.	2.1	26
31	Elevated level of C-reactive protein is associated with risk of prediabetes in Indians. <i>Atherosclerosis</i> , 2012, 222, 495-501.	0.4	26
32	Pharmacogenetic landscape of <i>DPYD</i> variants in south Asian populations by integration of genome-scale data. <i>Pharmacogenomics</i> , 2018, 19, 227-241.	0.6	25
33	Gene prioritization in Type 2 Diabetes using domain interactions and network analysis. <i>BMC Genomics</i> , 2010, 11, 84.	1.2	24
34	Genetic Association, Post-translational Modification, and Protein-Protein Interactions in Type 2 Diabetes Mellitus. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1029-1037.	2.5	23
35	Common Variants of <i>FTO</i> Are Associated with Childhood Obesity in a Cross-Sectional Study of 3,126 Urban Indian Children. <i>PLoS ONE</i> , 2012, 7, e47772.	1.1	23
36	Genome-wide association study of blood lipids in Indians confirms universality of established variants. <i>Journal of Human Genetics</i> , 2019, 64, 573-587.	1.1	22

#	ARTICLE	IF	CITATIONS
37	Genetic variant of CCND1: Association with HPV-mediated cervical cancer in Indian population. <i>Biomarkers</i> , 2009, 14, 219-225.	0.9	21
38	Systematic analysis and functional annotation of variations in the genome of an Indian individual. <i>Human Mutation</i> , 2012, 33, 1133-1140.	1.1	21
39	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. <i>Human Molecular Genetics</i> , 2016, 25, 2070-2081.	1.4	21
40	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations. <i>Communications Biology</i> , 2022, 5, 329.	2.0	21
41	Common Variants of Homocysteine Metabolism Pathway Genes and Risk of Type 2 Diabetes and Related Traits in Indians. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7.	3.8	20
42	Impairment of natural killer cell activity in Indian kala-azar: restoration of activity by interleukin 2 but not by alpha or gamma interferon. <i>Infection and Immunity</i> , 1993, 61, 3565-3569.	1.0	19
43	Pharmacogenetic landscape of clopidogrel in north Indians suggest distinct interpopulation differences in allele frequencies. <i>Pharmacogenomics</i> , 2014, 15, 643-653.	0.6	18
44	Enzymatic Removal of Sialic Acid from Human Factor IX and Factor X Has No Effect on Their Coagulant Activity. <i>Journal of Biological Chemistry</i> , 1995, 270, 6537-6542.	1.6	17
45	Association analysis of TNFRSF1B polymorphisms with type 2 diabetes and its related traits in North India. <i>Genomic Medicine</i> , 2008, 2, 93-100.	0.6	16
46	Common variants of SLAMF1 and ITLN1 on 1q21 are associated with type 2 diabetes in Indian population. <i>Journal of Human Genetics</i> , 2012, 57, 184-190.	1.1	16
47	Genome-Wide Association Study of Metabolic Syndrome Reveals Primary Genetic Variants at CETP Locus in Indians. <i>Biomolecules</i> , 2019, 9, 321.	1.8	16
48	Hemophilia B is a quasi-quantitative condition with certain mutations showing phenotypic plasticity. <i>Genomics</i> , 2009, 94, 433-437.	1.3	15
49	Sequence and structural properties of identical mutations with varying phenotypes in human coagulation factor IX. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 63-71.	1.5	14
50	No association of TNFRSF1B variants with type 2 diabetes in Indians of Indo-European origin. <i>BMC Medical Genetics</i> , 2011, 12, 110.	2.1	14
51	Common Variants in CRP and LEPR Influence High Sensitivity C-Reactive Protein Levels in North Indians. <i>PLoS ONE</i> , 2011, 6, e24645.	1.1	14
52	Role of Tmem163 in zinc-regulated insulin storage of MIN6 cells: Functional exploration of an Indian type 2 diabetes GWAS associated gene. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 1022-1029.	1.0	12
53	Genomewide association study for C-reactive protein in Indians replicates known associations of common variants. <i>Journal of Genetics</i> , 2019, 98, 1.	0.4	9
54	Allelic heterogeneity of molecular events in human coagulation factor IX in Asian Indians. <i>Human Mutation</i> , 2007, 28, 526-526.	1.1	8

#	ARTICLE	IF	CITATIONS
55	Multifaceted genome-wide study identifies novel regulatory loci in SLC22A11 and ZNF45 for body mass index in Indians. <i>Molecular Genetics and Genomics</i> , 2020, 295, 1013-1026.	1.0	8
56	Molecular characterization of hemophilia B in North Indian families: identification of novel and recurrent molecular events in the factor IX gene. <i>Haematologica</i> , 2004, 89, 1498-503.	1.7	8
57	Genomewide association study of C-peptide surfaces key regulatory genes in Indians. <i>Journal of Genetics</i> , 2019, 98, 1.	0.4	7
58	Multiple substitutions at single site: interpreting the effect of Asn92 mutations in human coagulation factor IX. <i>Haemophilia</i> , 2008, 14, 396-399.	1.0	6
59	A new blood-coagulating protease in mitochondrial membranes of rat submaxillary glands. Purification and characterization of protease and its blood-coagulating activity. <i>Journal of Biological Chemistry</i> , 1994, 269, 16229-35.	1.6	6
60	Genomewide association study for C-reactive protein in Indians replicates known associations of common variants. <i>Journal of Genetics</i> , 2019, 98, .	0.4	6
61	Characterization of a membrane protease from rat submaxillary-gland mitochondria that possess thrombin-like activity. <i>Biochemical Journal</i> , 1996, 313, 193-199.	1.7	5
62	Normative range of blood biochemical parameters in urban Indian school-going adolescents. <i>PLoS ONE</i> , 2019, 14, e0213255.	1.1	5
63	Genetic variants entail type 2 diabetes as an innate immune disorder. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140458.	1.1	4
64	Common variants of ARID1A and KAT2B are associated with obesity in Indian adolescents. <i>Scientific Reports</i> , 2018, 8, 3964.	1.6	3
65	Harnessing the Potential of Long Non-coding RNAs to Manage Metabolic Diseases. <i>Current Pharmaceutical Design</i> , 2021, 27, 3668-3685.	0.9	3
66	Novel missense mutation in the coagulation factor IX catalytic domain associated with severe haemophilia B - Factor IX Delhi. <i>Haemophilia</i> , 2004, 10, 550-552.	1.0	2
67	Response to Comment on: Chauhan et al. (2010) Impact of Common Variants of PPARG, KCNJ11, TCF7L2, SLC30A8, HHEX, CDKN2A, IGF2BP2, and CDKAL1 on the Risk of Type 2 Diabetes in 5,164 Indians. <i>Diabetes</i> ;59:2068-2074. <i>Diabetes</i> , 2010, 59, e16-e16.	0.3	2
68	Protein molecular function influences mutation rates in human genetic diseases with allelic heterogeneity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 716-722.	1.0	2
69	Silanized silica bound trypsin as analytical probe. <i>Indian Journal of Biochemistry and Biophysics</i> , 1992, 29, 375-7.	0.2	2
70	Genomewide association study of C-peptide surfaces key regulatory genes in Indians. <i>Journal of Genetics</i> , 2019, 98, .	0.4	2
71	Fine mapping and identification of serum urate loci in American Indians: The Strong Heart Family Study. <i>Scientific Reports</i> , 2019, 9, 17899.	1.6	1
72	Pyroglutamate aminopeptidase in rat submaxillary gland. <i>Indian Journal of Biochemistry and Biophysics</i> , 1992, 29, 442-4.	0.2	1

#	ARTICLE	IF	CITATIONS
73	Chymotrypsinogen: an activating enzyme in the mitochondrial membrane of rat submaxillary gland. <i>Biochemistry International</i> , 1991, 25, 1035-41.	0.2	1
74	Genetic Basis for Increased Risk for Vascular Diseases in Diabetes. , 2017, , 27-71.		0
75	A Systems Perspective of Complex Diseases: From Reductionism to Integration. <i>RNA Technologies</i> , 2018, , 17-36.	0.2	0
76	Identification of T- and B-cell epitopes in HPV-16 E7 gene isolated from cervical cancer patients. , 2016, 02, .		0