Dwaipayan Bharadwaj

List of Publications by Year
in descending order

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76 papers	3,902 citations	218677 26 h-index	138484 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. Nature, 2016, 536, 41-47.	27.8	952
2	The Major Receptor for C-Reactive Protein on Leukocytes Is FcÎ³ Receptor II. Journal of Experimental Medicine, 1999, 190, 585-590.	8.5	354
3	The power of genetic diversity in genome-wide association studies of lipids. Nature, 2021, 600, 675-679.	27.8	353
4	C-reactive protein binding to FcÎ³RIIa on human monocytes and neutrophils is allele-specific. Journal of Clinical Investigation, 2000, 105, 369-376.	8.2	182
5	Genome-Wide Association Study for Type 2 Diabetes in Indians Identifies a New Susceptibility Locus at 2q21. Diabetes, 2013, 62, 977-986.	0.6	173
6	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	27.8	173
7	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. Diabetes, 2010, 59, 2068-2074.	0.6	163
8	Serum Amyloid P Component Binds to FcÎ³ Receptors and Opsonizes Particles for Phagocytosis. Journal of Immunology, 2001, 166, 6735-6741.	0.8	155
9	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	12.8	84
10	High-Sensitivity C-Reactive Protein Levels and Type 2 Diabetes in Urban North Indians. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2123-2127.	3.6	65
11	Common variants of FTO and the risk of obesity and type 2 diabetes in Indians. Journal of Human Genetics, 2011, 56, 720-726.	2.3	63
12	Common Variants of IL6, LEPR, and PBEF1 Are Associated With Obesity in Indian Children. Diabetes, 2012, 61, 626-631.	0.6	55
13	A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	0.6	47
14	Renin-Angiotensin System in Pathogenesis of Atherosclerosis and Treatment of CVD. International Journal of Molecular Sciences, 2021, 22, 6702.	4.1	46
15	Association of variants in genes involved in pancreatic Î²-cell development and function with type 2 diabetes in North Indians. Journal of Human Genetics, 2011, 56, 695-700.	2.3	37
16	Prevalence of vitamin B₁₂ deficiency in healthy Indian schoolâ€going adolescents from rural and urban localities and its relationship with various anthropometric indices: a crossâ€sectional study. Journal of Human Nutrition and Dietetics, 2018, 31, 513-522.	2.5	37
17	Anti-Inflammatory Therapy for Atherosclerosis: Focusing on Cytokines. International Journal of Molecular Sciences, 2021, 22, 7061.	4.1	37
18	Genome wide association study of uric acid in Indian population and interaction of identified variants with Type 2 diabetes. Scientific Reports, 2016, 6, 21440.	3.3	36

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19	Genetic epidemiology of pharmacogenetic variations in CYP2C9, CYP4F2 and VKORC1 genes associated with warfarin dosage in the Indian population. Pharmacogenomics, 2014, 15, 1337-1354.	1.3	35
20	Oligonucleotide properties determination and primer designing: a critical examination of predictions. Bioinformatics, 2005, 21, 3918-3925.	4.1	34
21	Elevated levels of C-reactive protein as a risk factor for Metabolic Syndrome in Indians. Atherosclerosis, 2012, 220, 275-281.	0.8	34
22	Common Variants in CLDN2 and MORC4 Genes Confer Disease Susceptibility in Patients with Chronic Pancreatitis. PLoS ONE, 2016, 11, e0147345.	2.5	34
23	Genetic variants of FOXA2: risk of type 2 diabetes and effect on metabolic traits in North Indians. Journal of Human Genetics, 2008, 53, 957-965.	2.3	33
24	Genetic Variant of AMD1 Is Associated with Obesity in Urban Indian Children. PLoS ONE, 2012, 7, e33162.	2.5	33
25	Obesity-dependent association of TNF-LTA locus with type 2 diabetes in North Indians. Journal of Molecular Medicine, 2010, 88, 515-522.	3.9	31
26	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	5.3	31
27	Factor VII Central. Journal of Biological Chemistry, 1996, 271, 30685-30691.	3.4	29
28	DNA methylation profiling reveals the presence of population-specific signatures correlating with phenotypic characteristics. Molecular Genetics and Genomics, 2017, 292, 655-662.	2.1	29
29	Strong influence of variants near MC4R on adiposity in children and adults: a cross-sectional study in Indian population. Journal of Human Genetics, 2013, 58, 27-32.	2.3	28
30	Evaluation of DOK5 as a susceptibility gene for type 2 diabetes and obesity in North Indian population. BMC Medical Genetics, 2010, 11, 35.	2.1	26
31	Elevated level of C-reactive protein is associated with risk of prediabetes in Indians. Atherosclerosis, 2012, 222, 495-501.	0.8	26
32	Pharmacogenetic landscape of DPYD variants in south Asian populations by integration of genome-scale data. Pharmacogenomics, 2018, 19, 227-241.	1.3	25
33	Gene prioritization in Type 2 Diabetes using domain interactions and network analysis. BMC Genomics, 2010, 11, 84.	2.8	24
34	Genetic Association, Post-translational Modification, and Protein-Protein Interactions in Type 2 Diabetes Mellitus. Molecular and Cellular Proteomics, 2005, 4, 1029-1037.	3.8	23
35	Common Variants of FTO Are Associated with Childhood Obesity in a Cross-Sectional Study of 3,126 Urban Indian Children. PLoS ONE, 2012, 7, e47772.	2.5	23
36	Genome-wide association study of blood lipids in Indians confirms universality of established variants. Journal of Human Genetics, 2019, 64, 573-587.	2.3	22

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37	Genetic variant ofCCND1: Association with HPV-mediated cervical cancer in Indian population. Biomarkers, 2009, 14, 219-225.	1.9	21
38	Systematic analysis and functional annotation of variations in the genome of an Indian individual. Human Mutation, 2012, 33, 1133-1140.	2.5	21
39	Transancestral fine-mapping of four type 2 diabetes susceptibility loci highlights potential causal regulatory mechanisms. Human Molecular Genetics, 2016, 25, 2070-2081.	2.9	21
40	Identification of genetic effects underlying type 2 diabetes in South Asian and European populations. Communications Biology, 2022, 5, 329.	4.4	21
41	Common Variants of Homocysteine Metabolism Pathway Genes and Risk of Type 2 Diabetes and Related Traits in Indians. Experimental Diabetes Research, 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. Infection and Immunity, 1993, 61, 3565-3569.	2.2	19
43	Pharmacogenetic landscape of clopidogrel in north Indians suggest distinct interpopulation differences in allele frequencies. Pharmacogenomics, 2014, 15, 643-653.	1.3	18
44	Enzymatic Removal of Sialic Acid from Human Factor IX and Factor X Has No Effect on Their Coagulant Activity. Journal of Biological Chemistry, 1995, 270, 6537-6542.	3.4	17
45	Association analysis of TNFRSF1B polymorphisms with type 2 diabetes and its related traits in North India. Genomic Medicine, 2008, 2, 93-100.	0.3	16
46	Common variants of SLAMF1 and ITLN1 on 1q21 are associated with type 2 diabetes in Indian population. Journal of Human Genetics, 2012, 57, 184-190.	2.3	16
47	Genome-Wide Association Study of Metabolic Syndrome Reveals Primary Genetic Variants at CETP Locus in Indians. Biomolecules, 2019, 9, 321.	4.0	16
48	Hemophilia B is a quasi-quantitative condition with certain mutations showing phenotypic plasticity. Genomics, 2009, 94, 433-437.	2.9	15
49	Sequence and structural properties of identical mutations with varying phenotypes in human coagulation factor IX. Proteins: Structure, Function and Bioinformatics, 2008, 73, 63-71.	2.6	14
50	No association of TNFRSF1B variants with type 2 diabetes in Indians of Indo-European origin. BMC Medical Genetics, 2011, 12, 110.	2.1	14
51	Common Variants in CRP and LEPR Influence High Sensitivity C-Reactive Protein Levels in North Indians. PLoS ONE, 2011, 6, e24645.	2.5	14
52	Role of Tmem163 in zinc-regulated insulin storage of MIN6 cells: Functional exploration of an Indian type 2 diabetes GWAS associated gene. Biochemical and Biophysical Research Communications, 2020, 522, 1022-1029.	2.1	12
53	Genomewide association study for C-reactive protein in Indians replicates known associations of common variants. Journal of Genetics, 2019, 98, 1.	0.7	9
54	Allelic heterogeneity of molecular events in human coagulation factor IX in Asian Indians. Human Mutation, 2007, 28, 526-526.	2.5	8

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55	Multifaceted genome-wide study identifies novel regulatory loci in SLC22A11 and ZNF45 for body mass index in Indians. Molecular Genetics and Genomics, 2020, 295, 1013-1026.	2.1	8
56	Molecular characterization of hemophilia B in North Indian families: identification of novel and recurrent molecular events in the factor IX gene. Haematologica, 2004, 89, 1498-503.	3.5	8
57	Genomewide association study of C-peptide surfaces key regulatory genes in Indians. Journal of Genetics, 2019, 98, 1.	0.7	7
58	Multiple substitutions at single site: interpreting the effect of Asn92 mutations in human coagulation factor IX. Haemophilia, 2008, 14, 396-399.	2.1	6
59	A new blood-coagulating protease in mitochondrial membranes of rat submaxillary glands. Purification and characterization of protease and its blood-coagulating activity. Journal of Biological Chemistry, 1994, 269, 16229-35.	3.4	6
60	Genomewide association study for C-reactive protein in Indians replicates known associations of common variants. Journal of Genetics, 2019, 98, .	0.7	6
61	Characterization of a membrane protease from rat submaxillary-gland mitochondria that possess thrombin-like activity. Biochemical Journal, 1996, 313, 193-199.	3.7	5
62	Normative range of blood biochemical parameters in urban Indian school-going adolescents. PLoS ONE, 2019, 14, e0213255.	2.5	5
63	Genetic variants entail type 2 diabetes as an innate immune disorder. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2020, 1868, 140458.	2.3	4
64	Common variants of ARID1A and KAT2B are associated with obesity in Indian adolescents. Scientific Reports, 2018, 8, 3964.	3.3	3
65	Harnessing the Potential of Long Non-coding RNAs to Manage Metabolic Diseases. Current Pharmaceutical Design, 2021, 27, 3668-3685.	1.9	3
66	Novel missense mutation in the coagulation factor IX catalytic domain associated with severe haemophilia B - Factor IXDelhi. Haemophilia, 2004, 10, 550-552.	2.1	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. Diabetes;59:2068-2074. Diabetes, 2010, 59, e16-e16.	0.6	2
68	Protein molecular function influences mutation rates in human genetic diseases with allelic heterogeneity. Biochemical and Biophysical Research Communications, 2011, 412, 716-722.	2.1	2
69	Silanized silica bound trypsin as analytical probe. Indian Journal of Biochemistry and Biophysics, 1992, 29, 375-7.	0.0	2
70	Genomewide association study of C-peptide surfaces key regulatory genes in Indians. Journal of Genetics, 2019, 98, .	0.7	2
71	Fine mapping and identification of serum urate loci in American Indians: The Strong Heart Family Study. Scientific Reports, 2019, 9, 17899.	3.3	1
72	Pyroglutamate aminopeptidase in rat submaxillary gland. Indian Journal of Biochemistry and Biophysics, 1992, 29, 442-4.	0.0	1

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73	Chymotrypsinogen: an activating enzyme in the mitochondrial membrane of rat submaxillary gland. Biochemistry International, 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. RNA Technologies, 2018, , 17-36.	0.3	0
76	Identification of T- and B-cell epitopes in HPV-16 E7 gene isolated from cervical cancer patients. , 2016, 02, .		0