Ganesh Chauhan

List of Publications by Year
in descending order

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45 papers	6,405 citations	172457 29 h-index	223800 46 g-index
51 all docs	51 docs citations	51 times ranked	12485 citing authors

#	Article	IF	Citations
1	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. Nature Genetics, 2018, 50, 524-537.	21.4	1,124
2	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
3	Common genetic variants influence human subcortical brain structures. Nature, 2015, 520, 224-229.	27.8	772
4	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279
5	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
6	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. Lancet Neurology, The, 2016, 15, 174-184.	10.2	217
7	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
8	Common variation in PHACTR1 is associated with susceptibility to cervical artery dissection. Nature Genetics, 2015, 47, 78-83.	21.4	195
9	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
10	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
11	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
12	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. Circulation: Cardiovascular Genetics, 2015, 8, 398-409.	5.1	162
13	Low-frequency and common genetic variation in ischemic stroke. Neurology, 2016, 86, 1217-1226.	1.1	141
14	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. Lancet Neurology, The, 2016, 15, 695-707.	10.2	130
15	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	2.7	123
16	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	6.2	123
17	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	12.8	119
18	Contribution to Alzheimer's disease risk of rare variants in TREM2, SORL1, and ABCA7 in 1779 cases and 1273 controls. Neurobiology of Aging, 2017, 59, 220.e1-220.e9.	3.1	116

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19	Genetic Risk Factors for Ischemic and Hemorrhagic Stroke. Current Cardiology Reports, 2016, 18, 124.	2.9	109
20	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. Neurobiology of Aging, 2015, 36, 1765.e7-1765.e16.	3.1	82
21	Genetic variation at 16q24.2 is associated with small vessel stroke. Annals of Neurology, 2017, 81, 383-394.	5.3	73
22	Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. Biological Psychiatry, 2015, 77, 749-763.	1.3	67
23	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
24	Burden of Dilated Perivascular Spaces, an Emerging Marker of Cerebral Small Vessel Disease, Is Highly Heritable. Stroke, 2018, 49, 282-287.	2.0	62
25	Common Variants of IL6, LEPR, and PBEF1 Are Associated With Obesity in Indian Children. Diabetes, 2012, 61, 626-631.	0.6	55
26	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
27	Association of variants inHTRA1andNOTCH3with MRI-defined extremes of cerebral small vessel disease in older subjects. Brain, 2019, 142, 1009-1023.	7.6	37
28	Genetic Variant of AMD1 Is Associated with Obesity in Urban Indian Children. PLoS ONE, 2012, 7, e33162.	2.5	33
29	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
30	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. Neurology, 2019, 92, .	1.1	30
31	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
32	White Matter Lesion Progression. Stroke, 2015, 46, 3048-3057.	2.0	27
33	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. Communications Biology, 2019, 2, 285.	4.4	27
34	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
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	Systematic analysis and functional annotation of variations in the genome of an Indian individual. Human Mutation, 2012, 33, 1133-1140.	2.5	21

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37	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
38	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in MRPL38 for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. Stroke, 2018, 49, 1812-1819.	2.0	17
39	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
40	No association of TNFRSF1B variants with type 2 diabetes in Indians of Indo-European origin. BMC Medical Genetics, 2011, 12, 110.	2.1	14
41	Common Variants in CRP and LEPR Influence High Sensitivity C-Reactive Protein Levels in North Indians. PLoS ONE, 2011, 6, e24645.	2.5	14
42	Association of SUMOylation Pathway Genes With Stroke in a Genome-Wide Association Study in India. Neurology, 2021, 97, e345-e356.	1.1	13
43	Srinivaspura Aging, Neuro Senescence and COGnition (SANSCOG) study and Tata Longitudinal Study on Aging (TLSA): Study protocols. Alzheimer's and Dementia, 2020, 16, e045681.	0.8	5
44	Structural Brain MRI Trait Polygenic Score Prediction of Cognitive Abilities. Twin Research and Human Genetics, 2015, 18, 738-745.	0.6	4
45	P2â€107: THE EPSILON4 ALLELE FREQUENCY OF APOE AND ITS ASSOCIATION WITH MILD COGNITIVE IMPAIRMENT/ALZHEIMER'S DISEASE STATUS IN SOUTH INDIANS. Alzheimer's and Dementia, 2018, 14, P710.	0.8	0