Rahul S Desikan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4383573/publications.pdf

Version: 2024-02-01

63	5,918	109321	133252
papers	citations	35 h-index	59 g-index

73	73	73	10849
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide meta-analysis identifies new loci and functional pathways influencing Alzheimerâ€™s disease risk. Nature Genetics, 2019, 51, 404-413.	21.4	1,625
2	Improved Detection of Common Variants Associated with Schizophrenia by Leveraging Pleiotropy with Cardiovascular-Disease Risk Factors. American Journal of Human Genetics, 2013, 92, 197-209.	6.2	422
3	Genetic assessment of age-associated Alzheimer disease risk: Development and validation of a polygenic hazard score. PLoS Medicine, 2017, 14, e1002258.	8.4	311
4	Improved Detection of Common Variants Associated with Schizophrenia and Bipolar Disorder Using Pleiotropy-Informed Conditional False Discovery Rate. PLoS Genetics, 2013, 9, e1003455.	3.5	298
5	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. JAMA Neurology, 2017, 74, 780.	9.0	245
6	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. JAMA Neurology, 2016, 73, 691.	9.0	151
7	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. Circulation, 2015, 131, 2061-2069.	1.6	145
8	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. Alzheimer's and Dementia, 2015, 11, 740-756.	0.8	142
9	What Are Polygenic Scores and Why Are They Important?. JAMA - Journal of the American Medical Association, 2019, 321, 1820.	7.4	125
10	Amyloid-Î²â€“Associated Clinical Decline Occurs Only in the Presence of Elevated P-tau. Archives of Neurology, 2012, 69, 709-13.	4.5	122
11	Beyond SNP heritability: Polygenicity and discoverability of phenotypes estimated with a univariate Gaussian mixture model. PLoS Genetics, 2020, 16, e1008612.	3.5	120
12	Immune-related genetic enrichment in frontotemporal dementia: An analysis of genome-wide association studies. PLoS Medicine, 2018, 15, e1002487.	8.4	111
13	Amyloidâ€Î² associated volume loss occurs only in the presence of phosphoâ€tau. Annals of Neurology, 2011, 70, 657-661.	5.3	109
14	Genetic architecture of sporadic frontotemporal dementia and overlap with Alzheimer's and Parkinson's diseases. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 152-164.	1.9	107
15	Dissecting the genetic relationship between cardiovascular risk factors and Alzheimerâ€™s disease. Acta Neuropathologica, 2019, 137, 209-226.	7.7	100
16	Malformations of cortical development. Annals of Neurology, 2016, 80, 797-810.	5.3	95
17	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. Biological Psychiatry, 2016, 80, 284-292.	1.3	92
18	Shared genetic risk between corticobasal degeneration, progressive supranuclear palsy, and frontotemporal dementia. Acta Neuropathologica, 2017, 133, 825-837.	7.7	90

#	Article	IF	Citations
19	Identifying Common Genetic Variants in Blood Pressure Due to Polygenic Pleiotropy With Associated Phenotypes. Hypertension, 2014, 63, 819-826.	2.7	83
20	Polygenic hazard score: an enrichment marker for Alzheimerâ€™s associated amyloid and tau deposition. Acta Neuropathologica, 2018, 135, 85-93.	7.7	80
21	Selective Genetic Overlap Between Amyotrophic Lateral Sclerosis and Diseases of the Frontotemporal Dementia Spectrum. JAMA Neurology, 2018, 75, 860.	9.0	79
22	Fine-mapping of the human leukocyte antigen locus as a risk factor for Alzheimer disease: A caseâ€“control study. PLoS Medicine, 2017, 14, e1002272.	8.4	67
23	The Role of Clusterin in Amyloid-Î²â€“Associated Neurodegeneration. JAMA Neurology, 2014, 71, 180.	9.0	66
24	CXCR4 involvement in neurodegenerative diseases. Translational Psychiatry, 2018, 8, 73.	4.8	66
25	Polygenic hazard score, amyloid deposition and Alzheimerâ€™s neurodegeneration. Brain, 2019, 142, 460-470.	7.6	63
26	The relationship between complement factor C3, APOE Îµ4, amyloid and tau in Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2016, 4, 65.	5.2	60
27	Challenges in pediatric neuroimaging. NeuroImage, 2019, 185, 793-801.	4.2	54
28	Pediatric neuro MRI: tricks to minimize sedation. Pediatric Radiology, 2018, 48, 50-55.	2.0	53
29	Genome-wide Association Analysis of Parkinsonâ€™s Disease and Schizophrenia Reveals Shared Genetic Architecture and Identifies Novel Risk Loci. Biological Psychiatry, 2021, 89, 227-235.	1.3	53
30	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. Circulation Research, 2016, 118, 83-94.	4.5	52
31	Heart fatty acid binding protein and AÎ²-associated Alzheimerâ€™s neurodegeneration. Molecular Neurodegeneration, 2013, 8, 39.	10.8	49
32	Polygenic hazard scores in preclinical Alzheimer disease. Annals of Neurology, 2017, 82, 484-488.	5.3	49
33	Meta-analysis of Alzheimerâ€™s disease on 9,751 samples from Norway and IGAP study identifies four risk loci. Scientific Reports, 2018, 8, 18088.	3.3	47
34	Ageâ€dependent effects of APOE Îµ4 in preclinical Alzheimer's disease. Annals of Clinical and Translational Neurology, 2016, 3, 668-677.	3.7	46
35	Sex-dependent autosomal effects on clinical progression of Alzheimerâ€™s disease. Brain, 2020, 143, 2272-2280.	7.6	46
36	Shared common variants in prostate cancer and blood lipids. International Journal of Epidemiology, 2014, 43, 1205-1214.	1.9	45

#	Article	IF	Citations
37	Combining Polygenic Hazard Score With Volumetric MRI and Cognitive Measures Improves Prediction of Progression From Mild Cognitive Impairment to Alzheimer's Disease. Frontiers in Neuroscience, 2018, 12, 260.	2.8	41
38	Abundant Genetic Overlap between Blood Lipids and Immune-Mediated Diseases Indicates Shared Molecular Genetic Mechanisms. PLoS ONE, 2015, 10, e0123057.	2.5	40
39	Identification of genetic heterogeneity of Alzheimer's disease across age. Neurobiology of Aging, 2019, 84, 243.e1-243.e9.	3.1	34
40	Identification of shared genetic variants between schizophrenia and lung cancer. Scientific Reports, 2018, 8, 674.	3.3	33
41	Large-scale genomics unveil polygenic architecture of human cortical surface area. Nature Communications, 2015, 6, 7549.	12.8	30
42	Entorhinal Cortex: Antemortem Cortical Thickness and Postmortem Neurofibrillary Tangles and Amyloid Pathology. American Journal of Neuroradiology, 2017, 38, 961-965.	2.4	30
43	Genetic overlap between multiple sclerosis and several cardiovascular disease risk factors. Multiple Sclerosis Journal, 2016, 22, 1783-1793.	3.0	25
44	Insulin-Like Growth Factor Binding Protein 2 Is Associated With Biomarkers of Alzheimerâ€™s Disease Pathology and Shows Differential Expression in Transgenic Mice. Frontiers in Neuroscience, 2018, 12, 476.	2.8	25
45	Genetic variation of oxidative phosphorylation genes in stroke and Alzheimer's disease. Neurobiology of Aging, 2014, 35, 1956.e1-1956.e8.	3.1	17
46	Microstructure of the Default Mode Network in Preterm Infants. American Journal of Neuroradiology, 2017, 38, 343-348.	2.4	17
47	Probing the Association between Early Evolutionary Markers and Schizophrenia. PLoS ONE, 2017, 12, e0169227.	2.5	17
48	Regionally specific TSC1 and TSC2 gene expression in tuberous sclerosis complex. Scientific Reports, 2018, 8, 13373.	3.3	13
49	Protein network analysis reveals selectively vulnerable regions and biological processes in FTD. Neurology: Genetics, 2018, 4, e266.	1.9	12
50	Abnormal Morphology of Select Cortical and Subcortical Regions in Neurofibromatosis Type 1. Radiology, 2018, 289, 499-508.	7.3	12
51	Linking tuberous sclerosis complex, excessive mTOR signaling, and age-related neurodegeneration: a new association between TSC1 mutation and frontotemporal dementia. Acta Neuropathologica, 2017, 134, 813-816.	7.7	11
52	The genetic architecture of human complex phenotypes is modulated by linkage disequilibrium and heterozygosity. Genetics, 2021, 217, .	2.9	10
53	Genetic variation across RNA metabolism and cell death gene networks is implicated in the semantic variant of primary progressive aphasia. Scientific Reports, 2019, 9, 10854.	3.3	9
54	Interpreting Alzheimer disease polygenic scores. Annals of Neurology, 2018, 83, 443-445.	5.3	6

#	Article	IF	Citations
55	Hazards of Neurological Nomenclature. JAMA Neurology, 2017, 74, 1165.	9.0	5
56	Precision neuroradiology: mapping the nodes and networks that link genes to behaviour. British Journal of Radiology, 2019, 92, 20190093.	2.2	3
57	Association of Alzheimer Disease Susceptibility Variants and Gene Expression in the Human Brainâ€"Reply. JAMA Neurology, 2016, 73, 1255.	9.0	1
58	Title is missing!. , 2020, 16, e1008612.		0
59	Title is missing!. , 2020, 16, e1008612.		0
60	Title is missing!. , 2020, 16, e1008612.		0
61	Title is missing!. , 2020, 16, e1008612.		0
62	Title is missing!. , 2020, 16, e1008612.		0
63	Title is missing!. , 2020, 16, e1008612.		0