Rahul S Desikan

List of Publications by Year
in descending order

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

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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 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
2	The genetic architecture of human complex phenotypes is modulated by linkage disequilibrium and heterozygosity. Genetics, 2021, 217, .	2.9	10
3	Beyond SNP heritability: Polygenicity and discoverability of phenotypes estimated with a univariate Gaussian mixture model. PLoS Genetics, 2020, 16, e1008612.	3.5	120
4	Sex-dependent autosomal effects on clinical progression of Alzheimerâ€™s disease. Brain, 2020, 143, 2272-2280.	7.6	46
5	Title is missing!. , 2020, 16, e1008612.		0
6	Title is missing!. , 2020, 16, e1008612.		0
7	Title is missing!. , 2020, 16, e1008612.		0
8	Title is missing!. , 2020, 16, e1008612.		0
9	Title is missing!. , 2020, 16, e1008612.		0
10	Title is missing!. , 2020, 16, e1008612.		0
11	Precision neuroradiology: mapping the nodes and networks that link genes to behaviour. British Journal of Radiology, 2019, 92, 20190093.	2.2	3
12	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
13	Polygenic hazard score, amyloid deposition and Alzheimerâ€™s neurodegeneration. Brain, 2019, 142, 460-470.	7.6	63
14	Identification of genetic heterogeneity of Alzheimer's disease across age. Neurobiology of Aging, 2019, 84, 243.e1-243.e9.	3.1	34
15	What Are Polygenic Scores and Why Are They Important?. JAMA - Journal of the American Medical Association, 2019, 321, 1820.	7.4	125
16	Dissecting the genetic relationship between cardiovascular risk factors and Alzheimerâ€™s disease. Acta Neuropathologica, 2019, 137, 209-226.	7.7	100
17	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
18	Challenges in pediatric neuroimaging. NeuroImage, 2019, 185, 793-801.	4.2	54

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19	CXCR4 involvement in neurodegenerative diseases. Translational Psychiatry, 2018, 8, 73.	4.8	66
20	Selective Genetic Overlap Between Amyotrophic Lateral Sclerosis and Diseases of the Frontotemporal Dementia Spectrum. JAMA Neurology, 2018, 75, 860.	9.0	79
21	Interpreting Alzheimer disease polygenic scores. Annals of Neurology, 2018, 83, 443-445.	5.3	6
22	Identification of shared genetic variants between schizophrenia and lung cancer. Scientific Reports, 2018, 8, 674.	3.3	33
23	Pediatric neuro MRI: tricks to minimize sedation. Pediatric Radiology, 2018, 48, 50-55.	2.0	53
24	Polygenic hazard score: an enrichment marker for Alzheimerâ€™s associated amyloid and tau deposition. Acta Neuropathologica, 2018, 135, 85-93.	7.7	80
25	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
26	Protein network analysis reveals selectively vulnerable regions and biological processes in FTD. Neurology: Genetics, 2018, 4, e266.	1.9	12
27	Regionally specific TSC1 and TSC2 gene expression in tuberous sclerosis complex. Scientific Reports, 2018, 8, 13373.	3.3	13
28	Abnormal Morphology of Select Cortical and Subcortical Regions in Neurofibromatosis Type 1. Radiology, 2018, 289, 499-508.	7.3	12
29	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
30	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
31	Immune-related genetic enrichment in frontotemporal dementia: An analysis of genome-wide association studies. PLoS Medicine, 2018, 15, e1002487.	8.4	111
32	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
33	Shared genetic risk between corticobasal degeneration, progressive supranuclear palsy, and frontotemporal dementia. Acta Neuropathologica, 2017, 133, 825-837.	7.7	90
34	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. JAMA Neurology, 2017, 74, 780.	9.0	245
35	Entorhinal Cortex: Antemortem Cortical Thickness and Postmortem Neurofibrillary Tangles and Amyloid Pathology. American Journal of Neuroradiology, 2017, 38, 961-965.	2.4	30
36	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

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37	Polygenic hazard scores in preclinical Alzheimer disease. Annals of Neurology, 2017, 82, 484-488.	5.3	49
38	Hazards of Neurological Nomenclature. JAMA Neurology, 2017, 74, 1165.	9.0	5
39	Microstructure of the Default Mode Network in Preterm Infants. American Journal of Neuroradiology, 2017, 38, 343-348.	2.4	17
40	Probing the Association between Early Evolutionary Markers and Schizophrenia. PLoS ONE, 2017, 12, e0169227.	2.5	17
41	Genetic assessment of age-associated Alzheimer disease risk: Development and validation of a polygenic hazard score. PLoS Medicine, 2017, 14, e1002258.	8.4	311
42	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
43	The relationship between complement factor C3, APOE Îµ4, amyloid and tau in Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2016, 4, 65.	5.2	60
44	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. JAMA Neurology, 2016, 73, 691.	9.0	151
45	Ageâ€dependent effects of APOE Îµ4 in preclinical Alzheimer's disease. Annals of Clinical and Translational Neurology, 2016, 3, 668-677.	3.7	46
46	Association of Alzheimer Disease Susceptibility Variants and Gene Expression in the Human Brainâ€”Reply. JAMA Neurology, 2016, 73, 1255.	9.0	1
47	Malformations of cortical development. Annals of Neurology, 2016, 80, 797-810.	5.3	95
48	Genetic overlap between multiple sclerosis and several cardiovascular disease risk factors. Multiple Sclerosis Journal, 2016, 22, 1783-1793.	3.0	25
49	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. Biological Psychiatry, 2016, 80, 284-292.	1.3	92
50	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
51	Large-scale genomics unveil polygenic architecture of human cortical surface area. Nature Communications, 2015, 6, 7549.	12.8	30
52	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. Alzheimer's and Dementia, 2015, 11, 740-756.	0.8	142
53	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. Circulation, 2015, 131, 2061-2069.	1.6	145
54	Abundant Genetic Overlap between Blood Lipids and Immune-Mediated Diseases Indicates Shared Molecular Genetic Mechanisms. PLoS ONE, 2015, 10, e0123057.	2.5	40

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55	Shared common variants in prostate cancer and blood lipids. International Journal of Epidemiology, 2014, 43, 1205-1214.	1.9	45
56	The Role of Clusterin in Amyloid-Î²â€“Associated Neurodegeneration. JAMA Neurology, 2014, 71, 180.	9.0	66
57	Identifying Common Genetic Variants in Blood Pressure Due to Polygenic Pleiotropy With Associated Phenotypes. Hypertension, 2014, 63, 819-826.	2.7	83
58	Genetic variation of oxidative phosphorylation genes in stroke and Alzheimer's disease. Neurobiology of Aging, 2014, 35, 1956.e1-1956.e8.	3.1	17
59	Heart fatty acid binding protein and AÎ²-associated Alzheimerâ€™s neurodegeneration. Molecular Neurodegeneration, 2013, 8, 39.	10.8	49
60	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
61	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
62	Amyloid-Î²â€“Associated Clinical Decline Occurs Only in the Presence of Elevated P-tau. Archives of Neurology, 2012, 69, 709-13.	4.5	122
63	Amyloidâ€Î² associated volume loss occurs only in the presence of phosphoâ€tau. Annals of Neurology, 2011, 70, 657-661.	5.3	109