Neelroop N Parikshak

List of Publications by Year
in descending order

41 papers	11,181 citations	126901 33 h-index	315719 38 g-index
47 all docs	47 docs citations	47 times ranked	18379 citing authors

#	Article	IF	Citations
1	Tropism of SARS-CoV-2 for human cortical astrocytes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	77
2	Shared Molecular Neuropathology Across Major Psychiatric Disorders Parallels Polygenic Overlap. Focus (American Psychiatric Publishing), 2019, 17, 66-72.	0.8	20
3	Genome-wide DNA methylation profiling identifies convergent molecular signatures associated with idiopathic and syndromic autism in post-mortem human brain tissue. Human Molecular Genetics, 2019, 28, 2201-2211.	2.9	70
4	Integrative network analysis reveals biological pathways associated with Williams syndrome. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 585-598.	5.2	24
5	Shared molecular neuropathology across major psychiatric disorders parallels polygenic overlap. Science, 2018, 359, 693-697.	12.6	851
6	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	12.6	516
7	Sex-chromosome dosage effects on gene expression in humans. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7398-7403.	7.1	139
8	Strong correlation of downregulated genes related to synaptic transmission and mitochondria in post-mortem autism cerebral cortex. Journal of Neurodevelopmental Disorders, 2018, 10, 18.	3.1	51
9	Autism-like phenotype and risk gene mRNA deadenylation by CPEB4 mis-splicing. Nature, 2018, 560, 441-446.	27.8	113
10	Genome-wide changes in lncRNA, splicing, and regional gene expression patterns in autism. Nature, 2016, 540, 423-427.	27.8	603
11	Genome-wide, integrative analysis implicates microRNA dysregulation in autism spectrum disorder. Nature Neuroscience, 2016, 19, 1463-1476.	14.8	163
12	Gene Networks in Neuropsychiatric Disease. , 2016, , 161-178.		0
13	Histone Acetylome-wide Association Study of Autism Spectrum Disorder. Cell, 2016, 167, 1385-1397.e11.	28.9	237
14	The road to precision psychiatry: translating genetics into disease mechanisms. Nature Neuroscience, 2016, 19, 1397-1407.	14.8	189
15	Chromosome conformation elucidates regulatory relationships in developing human brain. Nature, 2016, 538, 523-527.	27.8	507
16	Cytoplasmic Rbfox1 Regulates the Expression of Synaptic and Autism-Related Genes. Neuron, 2016, 89, 113-128.	8.1	205
17	Gene expression in human brain implicates sexually dimorphic pathways in autism spectrum disorders. Nature Communications, 2016, 7, 10717.	12.8	227
18	Spatiotemporal dynamics of the postnatal developing primate brain transcriptome. Human Molecular Genetics, 2015, 24, 4327-4339.	2.9	53

#	Article	IF	Citations
19	O4-12-02: Protein co-expression network analysis in Alzheimer's disease. , 2015, 11, P299-P299.		0
20	Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways. Nature Neuroscience, 2015, 18, 199-209.	14.8	701
21	Systems biology and gene networks in neurodevelopmental and neurodegenerative disorders. Nature Reviews Genetics, 2015, 16, 441-458.	16.3	378
22	Specific responses of human hippocampal neurons are associated with better memory. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10503-10508.	7.1	44
23	The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712.	14.8	371
24	A Highly Conserved Program of Neuronal Microexons Is Misregulated in Autistic Brains. Cell, 2014, 159, 1511-1523.	28.9	546
25	A Quantitative Framework to Evaluate Modeling of Cortical Development by Neural Stem Cells. Neuron, 2014, 83, 69-86.	8.1	184
26	Integrative Functional Genomic Analyses Implicate Specific Molecular Pathways and Circuits in Autism. Cell, 2013, 155, 1008-1021.	28.9	948
27	Rare Inherited Variation in Autism: Beginning to See the Forest and a Few Trees. Neuron, 2013, 77, 209-211.	8.1	56
28	Neuroscience and the Genomic Revolution: An Overview. , 2013, , 1018-1027.		0
29	RBFOX1 regulates both splicing and transcriptional networks in human neuronal development. Human Molecular Genetics, 2012, 21, 4171-4186.	2.9	192
30	De novo mutations revealed by whole-exome sequencing are strongly associated with autism. Nature, 2012, 485, 237-241.	27.8	1,863
31	Apolipoprotein E Genotype is Associated with Temporal and Hippocampal Atrophy Rates in Healthy Elderly Adults: A Tensor-Based Morphometry Study1. Journal of Alzheimer's Disease, 2011, 23, 433-442.	2.6	65
32	Brain structure and obesity. Human Brain Mapping, 2010, 31, 353-364.	3.6	555
33	Automated 3D mapping of hippocampal atrophy and its clinical correlates in 400 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. Human Brain Mapping, 2009, 30, 2766-2788.	3.6	178
34	Measurement of cortical thickness from MRI by minimum line integrals on softâ€classified tissue. Human Brain Mapping, 2009, 30, 3188-3199.	3.6	45
35	Automated mapping of hippocampal atrophy in 1-year repeat MRI data from 490 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. NeuroImage, 2009, 45, S3-S15.	4.2	211
36	Alzheimer's Disease Neuroimaging Initiative: A one-year follow up study using tensor-based morphometry correlating degenerative rates, biomarkers and cognition. NeuroImage, 2009, 45, 645-655.	4.2	159

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37	Mapping correlations between ventricular expansion and CSF amyloid and tau biomarkers in 240 subjects with Alzheimer's disease, mild cognitive impairment and elderly controls. NeuroImage, 2009, 46, 394-410.	4.2	102
38	Validation of a fully automated 3D hippocampal segmentation method using subjects with Alzheimer's disease mild cognitive impairment, and elderly controls. NeuroImage, 2008, 43, 59-68.	4.2	181
39	Tensor-based morphometry as a neuroimaging biomarker for Alzheimer's disease: An MRI study of 676 AD, MCI, and normal subjects. NeuroImage, 2008, 43, 458-469.	4.2	317
40	Segmentation-free measurement of cortical thickness from MRI. , 2008, 2008, 1625-1628.		3
41	Mapping hippocampal degeneration in 400 subjects with a novel automated segmentation approach. , 2008, , .		9