

Nhat Trung Doan

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,971
citations

147801

31
h-index

182427

51
g-index

65
all docs

65
docs citations

65
times ranked

7544
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	1.3	627
2	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
3	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
4	Mapping the Heterogeneous Phenotype of Schizophrenia and Bipolar Disorder Using Normative Models. <i>JAMA Psychiatry</i> , 2018, 75, 1146.	11.0	290
5	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
6	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
7	Delayed stabilization and individualization in connectome development are related to psychiatric disorders. <i>Nature Neuroscience</i> , 2017, 20, 513-515.	14.8	197
8	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. <i>JAMA Psychiatry</i> , 2019, 76, 739.	11.0	195
9	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
10	Disintegration of Sensorimotor Brain Networks in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 1326-1335.	4.3	146
11	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017, 11, 1497-1514.	2.1	144
12	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3 to 90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
13	Using structural MRI to identify bipolar disorders – 13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group. <i>Molecular Psychiatry</i> , 2020, 25, 2130-2143.	7.9	127
14	Disrupted global metastability and static and dynamic brain connectivity across individuals in the Alzheimer's disease continuum. <i>Scientific Reports</i> , 2017, 7, 40268.	3.3	94
15	Assessing distinct patterns of cognitive aging using tissue-specific brain age prediction based on diffusion tensor imaging and brain morphometry. <i>PeerJ</i> , 2018, 6, e5908.	2.0	90
16	Distinct multivariate brain morphological patterns and their added predictive value with cognitive and polygenic risk scores in mental disorders. <i>NeuroImage: Clinical</i> , 2017, 15, 719-731.	2.7	89
17	Association of Heritable Cognitive Ability and Psychopathology With White Matter Properties in Children and Adolescents. <i>JAMA Psychiatry</i> , 2018, 75, 287.	11.0	88
18	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	7.9	80

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19	Consistent Functional Connectivity Alterations in Schizophrenia Spectrum Disorder: A Multisite Study. <i>Schizophrenia Bulletin</i> , 2017, 43, 914-924.	4.3	75
20	Cerebellar Gray Matter Volume Is Associated With Cognitive Function and Psychopathology in Adolescence. <i>Biological Psychiatry</i> , 2019, 86, 65-75.	1.3	75
21	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
22	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â‰years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
23	Thalamo-cortical functional connectivity in schizophrenia and bipolar disorder. <i>Brain Imaging and Behavior</i> , 2018, 12, 640-652.	2.1	70
24	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
25	White matter aberrations and age-related trajectories in patients with schizophrenia and bipolar disorder revealed by diffusion tensor imaging. <i>Scientific Reports</i> , 2018, 8, 14129.	3.3	53
26	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	7.9	49
27	Probing Brain Developmental Patterns of Myelination and Associations With Psychopathology in Youths Using Gray/White Matter Contrast. <i>Biological Psychiatry</i> , 2019, 85, 389-398.	1.3	45
28	7T T2â—weighted magnetic resonance imaging reveals cortical phase differences between early- and late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 20-26.	3.1	43
29	Dissociable diffusion MRI patterns of white matter microstructure and connectivity in Alzheimerâ€™s disease spectrum. <i>Scientific Reports</i> , 2017, 7, 45131.	3.3	43
30	Task modulations and clinical manifestations in the brain functional connectome in 1615 fMRI datasets. <i>NeuroImage</i> , 2017, 147, 243-252.	4.2	41
31	Distinguishing early and late brain aging from the Alzheimer's disease spectrum: consistent morphological patterns across independent samples. <i>NeuroImage</i> , 2017, 158, 282-295.	4.2	41
32	White matter microstructure is associated with functional, cognitive and emotional symptoms 12 months after mild traumatic brain injury. <i>Scientific Reports</i> , 2017, 7, 13795.	3.3	39
33	A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the ENIGMA Consortium. <i>Human Brain Mapping</i> , 2022, 43, 352-372.	3.6	39
34	An augmented aging process in brain white matter in HIV. <i>Human Brain Mapping</i> , 2018, 39, 2532-2540.	3.6	38
35	Evidence for cortical structural plasticity in humans after a day of waking and sleep deprivation. <i>NeuroImage</i> , 2017, 156, 214-223.	4.2	36
36	Reproducible grey matter patterns index a multivariate, global alteration of brain structure in schizophrenia and bipolar disorder. <i>Translational Psychiatry</i> , 2019, 9, 12.	4.8	35

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37	InÂvivo assessment of iron content of the cerebral cortex in healthy aging using 7-Tesla T2*-weighted phase imaging. <i>Neurobiology of Aging</i> , 2017, 53, 20-26.	3.1	34
38	Maturation of cortical microstructure and cognitive development in childhood and adolescence: A T1w/T2w ratio ^MMRI</sup> study. <i>Human Brain Mapping</i> , 2020, 41, 4676-4690.	3.6	30
39	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1095-1103.	1.5	28
40	Twitter Article Mentions and Citations: An Exploratory Analysis of Publications in the <i>American Journal of Psychiatry</i>. <i>American Journal of Psychiatry</i> , 2016, 173, 194-194.	7.2	22
41	Assessing brain structural associations with working memory related brain patterns in schizophrenia and healthy controls using linked independent component analysis. <i>NeuroImage: Clinical</i> , 2015, 9, 253-263.	2.7	16
42	Cognitive Effort and Schizophrenia Modulate Large-Scale Functional Brain Connectivity. <i>Schizophrenia Bulletin</i> , 2015, 41, 1360-1369.	4.3	14
43	Mood episodes are associated with increased cortical thinning: A longitudinal study of bipolar disorder type II. <i>Bipolar Disorders</i> , 2019, 21, 525-538.	1.9	12
44	Texture analysis of ultrahigh field T₂*â€weighted MR images of the brain: Application to Huntington's disease. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 633-640.	3.4	10
45	Effects of autozygosity and schizophrenia polygenic risk on cognitive and brain developmental trajectories. <i>European Journal of Human Genetics</i> , 2018, 26, 1049-1059.	2.8	10
46	Combined magnitude and phaseâ€based segmentation of the cerebral cortex in 7T MR images of the elderly. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 99-109.	3.4	6
47	An automated tool for cortical feature analysis: Application to differences on 7 ^Tesla ^T2[*]-weighted images between young and older healthy subjects. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 240-248.	3.0	6
48	Genetic control of variability in subcortical and intracranial volumes. <i>Molecular Psychiatry</i> , 2021, 26, 3876-3883.	7.9	6
49	Testing relationships between multimodal modes of brain structural variation and age, sex and polygenic scores for neuroticism in children and adolescents. <i>Translational Psychiatry</i> , 2020, 10, 251.	4.8	3
50	O1-02-04: 7T T2*-WEIGHTED MRI REVEALS CORTICAL PHASE DIFFERENCES BETWEEN EARLY- AND LATE-ONSET AD. , 2014, 10, P132-P133.		0