

Nhat Trung Doan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10747934/publications.pdf>

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 thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€“years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
2	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€“years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
3	A <sc>metaâ€“analysis</sc> of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the <sc>ENIGMA Consortium</sc>. Human Brain Mapping, 2022, 43, 352-372.	3.6	39
4	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75
5	Genetic control of variability in subcortical and intracranial volumes. Molecular Psychiatry, 2021, 26, 3876-3883.	7.9	6
6	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. Molecular Psychiatry, 2020, 25, 3053-3065.	7.9	80
7	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. Molecular Psychiatry, 2020, 25, 584-602.	7.9	49
8	Using structural MRI to identify bipolar disorders â€“ 13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group. Molecular Psychiatry, 2020, 25, 2130-2143.	7.9	127
9	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796.	12.8	61
10	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 1095-1103.	1.5	28
11	Maturation of cortical microstructure and cognitive development in childhood and adolescence: A T1w/T2w ratio <sc>MRI</sc> study. Human Brain Mapping, 2020, 41, 4676-4690.	3.6	30
12	Testing relationships between multimodal modes of brain structural variation and age, sex and polygenic scores for neuroticism in children and adolescents. Translational Psychiatry, 2020, 10, 251.	4.8	3
13	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
14	Common brain disorders are associated with heritable patterns of apparent aging of the brain. Nature Neuroscience, 2019, 22, 1617-1623.	14.8	358
15	Cerebellar Gray Matter Volume Is Associated With Cognitive Function and Psychopathology in Adolescence. Biological Psychiatry, 2019, 86, 65-75.	1.3	75
16	Reproducible grey matter patterns index a multivariate, global alteration of brain structure in schizophrenia and bipolar disorder. Translational Psychiatry, 2019, 9, 12.	4.8	35
17	Mood episodes are associated with increased cortical thinning: A longitudinal study of bipolar disorder type II. Bipolar Disorders, 2019, 21, 525-538.	1.9	12
18	Brain Heterogeneity in Schizophrenia and Its Association With Polygenic Risk. JAMA Psychiatry, 2019, 76, 739.	11.0	195

#	ARTICLE	IF	CITATIONS
19	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
20	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
21	An augmented aging process in brain white matter in <scp>HIV</scp>. <i>Human Brain Mapping</i> , 2018, 39, 2532-2540.	3.6	38
22	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
23	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
24	Thalamo-cortical functional connectivity in schizophrenia and bipolar disorder. <i>Brain Imaging and Behavior</i> , 2018, 12, 640-652.	2.1	70
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	Mapping the Heterogeneous Phenotype of Schizophrenia and Bipolar Disorder Using Normative Models. <i>JAMA Psychiatry</i> , 2018, 75, 1146.	11.0	290
27	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
28	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
29	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
30	Disrupted global metastability and static and dynamic brain connectivity across individuals in the Alzheimerâ€™s disease continuum. <i>Scientific Reports</i> , 2017, 7, 40268.	3.3	94
31	Delayed stabilization and individualization in connectome development are related to psychiatric disorders. <i>Nature Neuroscience</i> , 2017, 20, 513-515.	14.8	197
32	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
33	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
34	Task modulations and clinical manifestations in the brain functional connectome in 1615 fMRI datasets. <i>NeuroImage</i> , 2017, 147, 243-252.	4.2	41
35	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
36	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

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37	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
38	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
39	Consistent Functional Connectivity Alterations in Schizophrenia Spectrum Disorder: A Multisite Study. <i>Schizophrenia Bulletin</i> , 2017, 43, 914-924.	4.3	75
40	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
41	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
42	Twitter Article Mentions and Citations: An Exploratory Analysis of Publications in the American Journal of Psychiatry. <i>American Journal of Psychiatry</i> , 2016, 173, 194-194.	7.2	22
43	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
44	An automated tool for cortical feature analysis: Application to differences on 7 T2*-weighted images between young and older healthy subjects. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 240-248.	3.0	6
45	Cognitive Effort and Schizophrenia Modulate Large-Scale Functional Brain Connectivity. <i>Schizophrenia Bulletin</i> , 2015, 41, 1360-1369.	4.3	14
46	Disintegration of Sensorimotor Brain Networks in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 1326-1335.	4.3	146
47	7T T2*-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
48	Texture analysis of ultrahigh field T2*-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
49	O1-02-04: 7T T2*-WEIGHTED MRI REVEALS CORTICAL PHASE DIFFERENCES BETWEEN EARLY- AND LATE-ONSET AD. , 2014, 10, P132-P133.		0
50	Combined magnitude and phase-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