

Peter V Kochunov

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

18,074
citations

34105

52
h-index

16650

123
g-index

237
all docs

237
docs citations

237
times ranked

20429
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Talairach Atlas labels for functional brain mapping. <i>Human Brain Mapping</i> , 2000, 10, 120-131.	3.6	3,089
2	Cortical thickness or grey matter volume? The importance of selecting the phenotype for imaging genetics studies. <i>NeuroImage</i> , 2010, 53, 1135-1146.	4.2	993
3	ALE meta-analysis: Controlling the false discovery rate and performing statistical contrasts. <i>Human Brain Mapping</i> , 2005, 25, 155-164.	3.6	814
4	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
5	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
6	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
7	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	21.4	594
8	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
9	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
10	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: A pilot project of the ENIGMA-DTI working group. <i>NeuroImage</i> , 2013, 81, 455-469.	4.2	354
11	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	7.6	352
12	A comparison of label-based review and ALE meta-analysis in the Stroop task. <i>Human Brain Mapping</i> , 2005, 25, 6-21.	3.6	301
13	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
14	Heritability of fractional anisotropy in human white matter: A comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015, 111, 300-311.	4.2	227
15	White matter disturbances in major depressive disorder: a coordinated analysis across 20 international cohorts in the ENIGMA MDD working group. <i>Molecular Psychiatry</i> , 2020, 25, 1511-1525.	7.9	218
16	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
17	Column-based model of electric field excitation of cerebral cortex. <i>Human Brain Mapping</i> , 2004, 22, 1-14.	3.6	208
18	NeuroMark: An automated and adaptive ICA based pipeline to identify reproducible fMRI markers of brain disorders. <i>NeuroImage: Clinical</i> , 2020, 28, 102375.	2.7	198

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19	Age-related morphology trends of cortical sulci. <i>Human Brain Mapping</i> , 2005, 26, 210-220.	3.6	188
20	Neurodevelopmental and Neurodegenerative Models of Schizophrenia: White Matter at the Center Stage. <i>Schizophrenia Bulletin</i> , 2014, 40, 721-728.	4.3	186
21	Regional Spatial Normalization: Toward an Optimal Target. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 805-816.	0.9	178
22	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	4.2	173
23	High Dimensional Endophenotype Ranking in the Search for Major Depression Risk Genes. <i>Biological Psychiatry</i> , 2012, 71, 6-14.	1.3	170
24	Disruption of Anterior Insula Modulation of Large-Scale Brain Networks in Schizophrenia. <i>Biological Psychiatry</i> , 2013, 74, 467-474.	1.3	168
25	Measuring and comparing brain cortical surface area and other areal quantities. <i>NeuroImage</i> , 2012, 61, 1428-1443.	4.2	157
26	Fractional anisotropy of cerebral white matter and thickness of cortical gray matter across the lifespan. <i>NeuroImage</i> , 2011, 58, 41-49.	4.2	139
27	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
28	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020, 218, 116956.	4.2	135
29	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. <i>NeuroImage</i> , 2014, 95, 136-150.	4.2	127
30	On the genetic architecture of cortical folding and brain volume in primates. <i>NeuroImage</i> , 2010, 53, 1103-1108.	4.2	126
31	Evaluation of the accuracy and precision of the diffusion parameter Estimation with Gibbs and Noise removal pipeline. <i>NeuroImage</i> , 2018, 183, 532-543.	4.2	123
32	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	7.6	123
33	Association of White Matter With Core Cognitive Deficits in Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2017, 74, 958.	11.0	116
34	Testing the Hypothesis of Accelerated Cerebral White Matter Aging in Schizophrenia and Major Depression. <i>Biological Psychiatry</i> , 2013, 73, 482-491.	1.3	107
35	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020, 6, .	10.3	97
36	Relationship among neuroimaging indices of cerebral health during normal aging. <i>Human Brain Mapping</i> , 2008, 29, 36-45.	3.6	94

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37	Akt/cAMP-Responsive Element Binding Protein/Cyclin D1 Network: A Novel Target for Prostate Cancer Inhibition in Transgenic Adenocarcinoma of Mouse Prostate Model Mediated by Nexrutine, a Phellodendron Amurense Bark Extract. <i>Clinical Cancer Research</i> , 2007, 13, 2784-2794.	7.0	91
38	Heritability of brain volume, surface area and shape: An MRI study in an extended pedigree of baboons. <i>Human Brain Mapping</i> , 2007, 28, 576-583.	3.6	89
39	Digital reconstruction and morphometric analysis of human brain arterial vasculature from magnetic resonance angiography. <i>NeuroImage</i> , 2013, 82, 170-181.	4.2	88
40	Retrospective motion correction protocol for high-resolution anatomical MRI. <i>Human Brain Mapping</i> , 2006, 27, 957-962.	3.6	84
41	The Central Sulcus: an Observer-Independent Characterization of Sulcal Landmarks and Depth Asymmetry. <i>Cerebral Cortex</i> , 2008, 18, 1999-2009.	2.9	82
42	Frontal Glutamate and $\hat{1}^3$ -Aminobutyric Acid Levels and Their Associations With Mismatch Negativity and Digit Sequencing Task Performance in Schizophrenia. <i>JAMA Psychiatry</i> , 2016, 73, 166.	11.0	78
43	Processing Speed Mediates the Development of General Intelligence (<i>g</i>) in Adolescence. <i>Psychological Science</i> , 2011, 22, 1265-1269.	3.3	74
44	A Multimodal Assessment of the Genetic Control over Working Memory. <i>Journal of Neuroscience</i> , 2010, 30, 8197-8202.	3.6	70
45	Anatomical Global Spatial Normalization. <i>Neuroinformatics</i> , 2010, 8, 171-182.	2.8	69
46	Influence of age, sex and genetic factors on the human brain. <i>Brain Imaging and Behavior</i> , 2014, 8, 143-152.	2.1	69
47	Altered white matter microstructural organization in posttraumatic stress disorder across 3047 adults: results from the PGC-ENIGMA PTSD consortium. <i>Molecular Psychiatry</i> , 2021, 26, 4315-4330.	7.9	69
48	Stress-Induced Increase in Kynurenic Acid as a Potential Biomarker for Patients With Schizophrenia and Distress Intolerance. <i>JAMA Psychiatry</i> , 2014, 71, 761.	11.0	68
49	Resting-State Connectivity Biomarkers of Cognitive Performance and Social Function in Individuals With Schizophrenia Spectrum Disorder and Healthy Control Subjects. <i>Biological Psychiatry</i> , 2018, 84, 665-674.	1.3	64
50	Genetic basis of neurocognitive decline and reduced white-matter integrity in normal human brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19006-19011.	7.1	62
51	Can structural MRI indices of cerebral integrity track cognitive trends in executive control function during normal maturation and adulthood?. <i>Human Brain Mapping</i> , 2009, 30, 2581-2594.	3.6	60
52	Tryptophan Metabolism and White Matter Integrity in Schizophrenia. <i>Neuropsychopharmacology</i> , 2016, 41, 2587-2595.	5.4	60
53	Intensity modulation of TMS-induced cortical excitation: Primary motor cortex. <i>Human Brain Mapping</i> , 2006, 27, 478-487.	3.6	56
54	White matter hyperintensities on MRI in high-altitude U-2 pilots. <i>Neurology</i> , 2013, 81, 729-735.	1.1	55

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55	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex. <i>Nature Communications</i> , 2022, 13, 2341.	12.8	54
56	Heterochronicity of white matter development and aging explains regional patient control differences in schizophrenia. <i>Human Brain Mapping</i> , 2016, 37, 4673-4688.	3.6	53
57	Analysis of Genetic Variability and Whole Genome Linkage of Whole-Brain, Subcortical, and Ependymal Hyperintense White Matter Volume. <i>Stroke</i> , 2009, 40, 3685-3690.	2.0	52
58	Genetic Analysis of Cortical Thickness and Fractional Anisotropy of Water Diffusion in the Brain. <i>Frontiers in Neuroscience</i> , 2011, 5, 120.	2.8	52
59	ENIGMA-EDTI: Translating reproducible white matter deficits into personalized vulnerability metrics in cross-diagnostic psychiatric research. <i>Human Brain Mapping</i> , 2022, 43, 194-206.	3.6	52
60	A resting state fMRI analysis pipeline for pooling inference across diverse cohorts: an ENIGMA rs-fMRI protocol. <i>Brain Imaging and Behavior</i> , 2019, 13, 1453-1467.	2.1	49
61	The Relationship Between White Matter Microstructure and General Cognitive Ability in Patients With Schizophrenia and Healthy Participants in the ENIGMA Consortium. <i>American Journal of Psychiatry</i> , 2020, 177, 537-547.	7.2	49
62	Subcortical structures and cognitive dysfunction in first episode schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2019, 286, 69-75.	1.8	48
63	Structural brain changes in bipolar disorder using deformation field morphometry. <i>NeuroReport</i> , 2005, 16, 541-544.	1.2	47
64	The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	3.6	47
65	Reduced White Matter Integrity in Sibling Pairs Discordant for Bipolar Disorder. <i>American Journal of Psychiatry</i> , 2013, 170, 1317-1325.	7.2	46
66	Reproducibility of phase rotation STEAM at 3T: Focus on glutathione. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 603-609.	3.0	46
67	Evaluation of Myo-Inositol as a Potential Biomarker for Depression in Schizophrenia. <i>Neuropsychopharmacology</i> , 2015, 40, 2157-2164.	5.4	46
68	Altered Glutamate and Regional Cerebral Blood Flow Levels in Schizophrenia: A 1H-MRS and pCASL study. <i>Neuropsychopharmacology</i> , 2017, 42, 562-571.	5.4	46
69	N100 as a generic cortical electrophysiological marker based on decomposition of TMS-evoked potentials across five anatomic locations. <i>Experimental Brain Research</i> , 2017, 235, 69-81.	1.5	46
70	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. <i>Human Brain Mapping</i> , 2018, 39, 4893-4902.	3.6	45
71	Anterior Cingulate Glutamate and GABA Associations on Functional Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 647-658.	4.3	45
72	Functional network connectivity impairments and core cognitive deficits in schizophrenia. <i>Human Brain Mapping</i> , 2019, 40, 4593-4605.	3.6	45

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73	Choroid Plexus Enlargement and Allostatic Load in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 722-731.	4.3	45
74	Whole Brain and Regional Hyperintense White Matter Volume and Blood Pressure. Stroke, 2010, 41, 2137-2142.	2.0	44
75	White Matter in Schizophrenia Treatment Resistance. American Journal of Psychiatry, 2019, 176, 829-838.	7.2	44
76	A Library of Cortical Morphology Analysis Tools to Study Development, Aging and Genetics of Cerebral Cortex. Neuroinformatics, 2012, 10, 81-96.	2.8	43
77	Diffusion-weighted imaging uncovers likely sources of processing-speed deficits in schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13504-13509.	7.1	43
78	Reproducibility of tract-based white matter microstructural measures using the <sc>ENIGMA</sc> DTI protocol. Brain and Behavior, 2017, 7, e00615.	2.2	43
79	Accelerated white matter aging in schizophrenia: role of white matter blood perfusion. Neurobiology of Aging, 2014, 35, 2411-2418.	3.1	42
80	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. Communications Biology, 2020, 3, 510.	4.4	42
81	Allostatic load and reduced cortical thickness in schizophrenia. Psychoneuroendocrinology, 2017, 77, 105-111.	2.7	40
82	Computational Modeling of Electroencephalography and Functional Magnetic Resonance Imaging Paradigms Indicates a Consistent Loss of Pyramidal Cell Synaptic Gain in Schizophrenia. Biological Psychiatry, 2022, 91, 202-215.	1.3	40
83	Assessment of whole brain white matter integrity in youths and young adults with a family history of substance use disorders. Human Brain Mapping, 2014, 35, 5401-5413.	3.6	39
84	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 <sc>ENIGMA Consortium</sc>. Human Brain Mapping, 2022, 43, 352-372.	3.6	39
85	Asymmetry of the brain surface from deformation field analysis. Human Brain Mapping, 2003, 19, 79-89.	3.6	38
86	Mapping primary gyrogenesis. High-resolution in utero structural MRI study of fetal brain development in pregnant baboons. Frontiers in Neuroscience, 2010, 4, 20.	2.8	37
87	Blood Pressure and Cerebral White Matter Share Common Genetic Factors in Mexican Americans. Hypertension, 2011, 57, 330-335.	2.7	37
88	Multimodal white matter imaging to investigate reduced fractional anisotropy and its age-related decline in schizophrenia. Psychiatry Research - Neuroimaging, 2014, 223, 148-156.	1.8	37
89	Brain Circuits That Link Schizophrenia to High Risk of Cigarette Smoking. Schizophrenia Bulletin, 2013, 39, 1373-1381.	4.3	36
90	TMS evoked N100 reflects local GABA and glutamate balance. Brain Stimulation, 2018, 11, 1071-1079.	1.6	36

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91	Mapping structural differences of the corpus callosum in individuals with 18q deletions using targetless regional spatial normalization. <i>Human Brain Mapping</i> , 2005, 24, 325-331.	3.6	35
92	A comprehensive tractography study of patients with bipolar disorder and their unaffected siblings. <i>Human Brain Mapping</i> , 2016, 37, 3474-3485.	3.6	35
93	A White Matter Connection of Schizophrenia and Alzheimer's Disease. <i>Schizophrenia Bulletin</i> , 2021, 47, 197-206.	4.3	35
94	Aberrant Frontostriatal Connectivity in Negative Symptoms of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 1051-1059.	4.3	34
95	Sulcal Depth-Position Profile Is a Genetically Mediated Neuroscientific Trait: Description and Characterization in the Central Sulcus. <i>Journal of Neuroscience</i> , 2013, 33, 15618-15625.	3.6	33
96	Fast and powerful heritability inference for family-based neuroimaging studies. <i>NeuroImage</i> , 2015, 115, 256-268.	4.2	33
97	White matter microstructure and its relation to clinical features of obsessive-compulsive disorder: findings from the ENIGMA OCD Working Group. <i>Translational Psychiatry</i> , 2021, 11, 173.	4.8	33
98	White matter hyperintensities and hypobaric exposure. <i>Annals of Neurology</i> , 2014, 76, 719-726.	5.3	32
99	Acute nicotine administration effects on fractional anisotropy of cerebral white matter and associated attention performance. <i>Frontiers in Pharmacology</i> , 2013, 4, 117.	3.5	31
100	Multi-region hemispheric specialization differentiates human from nonhuman primate brain function. <i>Brain Structure and Function</i> , 2014, 219, 2187-2194.	2.3	31
101	Accurate High-Speed Spatial Normalization Using an Octree Method. <i>NeuroImage</i> , 1999, 10, 724-737.	4.2	30
102	Hyperintense White Matter Lesions in 50 High-Altitude Pilots With Neurologic Decompression Sickness. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 1117-1122.	0.5	30
103	Testing trait depression as a potential clinical domain in schizophrenia. <i>Schizophrenia Research</i> , 2014, 159, 243-248.	2.0	30
104	Common genetic variants and gene expression associated with white matter microstructure in the human brain. <i>NeuroImage</i> , 2014, 97, 252-261.	4.2	30
105	Discovering Schizophrenia Endophenotypes in Randomly Ascertained Pedigrees. <i>Biological Psychiatry</i> , 2015, 77, 75-83.	1.3	30
106	Comparing the reproducibility of commonly used magnetic resonance spectroscopy techniques to quantify cerebral glutathione. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 176-183.	3.4	30
107	The common genetic influence over processing speed and white matter microstructure: Evidence from the Old Order Amish and Human Connectome Projects. <i>NeuroImage</i> , 2016, 125, 189-197.	4.2	29
108	Multi-spatial-scale dynamic interactions between functional sources reveal sex-specific changes in schizophrenia. <i>Network Neuroscience</i> , 2022, 6, 357-381.	2.6	29

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109	Perfusion shift from white to gray matter may account for processing speed deficits in schizophrenia. <i>Human Brain Mapping</i> , 2015, 36, 3793-3804.	3.6	28
110	Cortisol Reactivity to Stress and Its Association With White Matter Integrity in Adults With Schizophrenia. <i>Psychosomatic Medicine</i> , 2015, 77, 733-742.	2.0	28
111	Delta Vs Gamma Auditory Steady State Synchrony in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 378-387.	4.3	28
112	Intracranial and subcortical volumes in adolescents with <scp>earlyâ€onset</scp> psychosis: A multisite <scp>megaâ€analysis</scp> from the <scp>ENIGMA</scp> consortium. <i>Human Brain Mapping</i> , 2022, 43, 373-384.	3.6	27
113	Cross disorder comparisons of brain structure in schizophrenia, bipolar disorder, major depressive disorder, and 22q11.2 deletion syndrome: A review of <scp>ENIGMA</scp> findings. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 140-161.	1.8	27
114	Combining diffusion tensor imaging and magnetic resonance spectroscopy to study reduced frontal white matter integrity in youths with family histories of substance use disorders. <i>Human Brain Mapping</i> , 2014, 35, 5877-5887.	3.6	26
115	Disrupted glucocorticoidâ€Immune interactions during stress response in schizophrenia. <i>Psychoneuroendocrinology</i> , 2016, 63, 86-93.	2.7	26
116	Fornix Structural Connectivity and Allostatic Load: Empirical Evidence From Schizophrenia Patients and Healthy Controls. <i>Psychosomatic Medicine</i> , 2017, 79, 770-776.	2.0	26
117	A longitudinal human phantom reliability study of multi-center T1-weighted, DTI, and resting state fMRI data. <i>Psychiatry Research - Neuroimaging</i> , 2018, 282, 134-142.	1.8	26
118	Cerebellar-Stimulation Evoked Prefrontal Electrical Synchrony Is Modulated by GABA. <i>Cerebellum</i> , 2018, 17, 550-563.	2.5	25
119	Translating <scp>ENIGMA</scp> schizophrenia findings using the regional vulnerability index: Association with cognition, symptoms, and disease trajectory. <i>Human Brain Mapping</i> , 2022, 43, 566-575.	3.6	25
120	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , 2021, 31, 102765.	2.7	25
121	Development of structural MR brain imaging protocols to study genetics and maturation. <i>Methods</i> , 2010, 50, 136-146.	3.8	24
122	Reproducibility of quantitative structural and physiological <scp>MRI</scp>Âmeasurements. <i>Brain and Behavior</i> , 2017, 7, e00759.	2.2	24
123	Salivary kynurenic acid response to psychological stress: inverse relationship to cortical glutamate in schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 1706-1711.	5.4	24
124	Personality and local brain structure: Their shared genetic basis and reproducibility. <i>NeuroImage</i> , 2020, 220, 117067.	4.2	24
125	The interrelation of sleep and mental and physical health is anchored in grey-matter neuroanatomy and under genetic control. <i>Communications Biology</i> , 2020, 3, 171.	4.4	24
126	Aberrant Middle Prefrontal-Motor Cortex Connectivity Mediates Motor Inhibitory Biomarker in Schizophrenia. <i>Biological Psychiatry</i> , 2019, 85, 49-59.	1.3	23

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127	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 16.	2.5	23
128	Miniature pig model of human adolescent brain white matter development. <i>Journal of Neuroscience Methods</i> , 2018, 296, 99-108.	2.5	22
129	Toward High Reproducibility and Accountable Heterogeneity in Schizophrenia Research. <i>JAMA Psychiatry</i> , 2019, 76, 680.	11.0	22
130	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	22
131	Stressful life events and openness to experience: Relevance to depression. <i>Journal of Affective Disorders</i> , 2021, 295, 711-716.	4.1	22
132	Lower neurocognitive function in U-2 pilots. <i>Neurology</i> , 2014, 83, 638-645.	1.1	21
133	Integration of routine QA data into mega-analysis may improve quality and sensitivity of multisite diffusion tensor imaging studies. <i>Human Brain Mapping</i> , 2018, 39, 1015-1023.	3.6	20
134	Hippocampus and cognitive domain deficits in treatment-resistant schizophrenia: A comparison with matched treatment-responsive patients and healthy controls. <i>Psychiatry Research - Neuroimaging</i> , 2020, 297, 111043.		20
135	White matter brain aging in relationship to schizophrenia and its cognitive deficit. <i>Schizophrenia Research</i> , 2021, 230, 9-16.	2.0	20
136	Heritability of complex white matter diffusion traits assessed in a population isolate. <i>Human Brain Mapping</i> , 2016, 37, 525-535.	3.6	19
137	Glutamatergic metabolites are associated with visual plasticity in humans. <i>Neuroscience Letters</i> , 2017, 644, 30-36.	2.1	19
138	Effects of ketamine and midazolam on resting state connectivity and comparison with ENIGMA connectivity deficit patterns in schizophrenia. <i>Human Brain Mapping</i> , 2020, 41, 767-778.	3.6	19
139	ENIGMA's Sleep: Challenges, opportunities, and the road map. <i>Journal of Sleep Research</i> , 2021, 30, e13347.	3.2	19
140	Evidence of shared and distinct functional and structural brain signatures in schizophrenia and autism spectrum disorder. <i>Communications Biology</i> , 2021, 4, 1073.	4.4	19
141	The Enhancing <sc>NeuroImaging</sc> Genetics through Meta-Analysis Consortium: 10 Years of Global Collaborations in Human Brain Mapping. <i>Human Brain Mapping</i> , 2022, 43, 15-22.	3.6	19
142	Genetic Contributions to the Midsagittal Area of the Corpus Callosum. <i>Twin Research and Human Genetics</i> , 2012, 15, 315-323.	0.6	18
143	Effects of neuroactive metabolites of the tryptophan pathway on working memory and cortical thickness in schizophrenia. <i>Translational Psychiatry</i> , 2021, 11, 198.	4.8	18
144	Shared genetic variance between obesity and white matter integrity in Mexican Americans. <i>Frontiers in Genetics</i> , 2015, 6, 26.	2.3	17

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145	Evidence for genetic correlation between human cerebral white matter microstructure and inflammation. <i>Human Brain Mapping</i> , 2019, 40, 4180-4191.	3.6	16
146	Fetal brain during a binge drinking episode: a dynamic susceptibility contrast MRI fetal brain perfusion study. <i>NeuroReport</i> , 2010, 21, 716-721.	1.2	16
147	Cortical sulci and bipolar disorder. <i>NeuroReport</i> , 2006, 17, 1739-1742.	1.2	15
148	White Matter Integrity in High-Altitude Pilots Exposed to Hypobaria. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 983-988.	0.4	14
149	BMI-related cortical morphometry changes are associated with altered white matter structure. <i>International Journal of Obesity</i> , 2019, 43, 523-532.	3.4	14
150	Genomic kinship construction to enhance genetic analyses in the human connectome project data. <i>Human Brain Mapping</i> , 2019, 40, 1677-1688.	3.6	14
151	White Matter Disruption in Pediatric Traumatic Brain Injury. <i>Neurology</i> , 2021, 97, .	1.1	14
152	Heritability estimates on resting state fMRI data using ENIGMA analysis pipeline. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2018, 23, 307-318.	0.7	14
153	Impact of family structure and common environment on heritability estimation for neuroimaging genetics studies using Sequential Oligogenic Linkage Analysis Routines. <i>Journal of Medical Imaging</i> , 2014, 1, 014005.	1.5	12
154	White matter and hypoxic hypobaria in humans. <i>Human Brain Mapping</i> , 2019, 40, 3165-3173.	3.6	12
155	Bayesian modeling of dependence in brain connectivity data. <i>Biostatistics</i> , 2020, 21, 269-286.	1.5	12
156	The microRNA-195 - BDNF pathway and cognitive deficits in schizophrenia patients with minimal antipsychotic medication exposure. <i>Translational Psychiatry</i> , 2021, 11, 117.	4.8	12
157	Familial Aggregation of Tobacco Use Behaviors Among Amish Men. <i>Nicotine and Tobacco Research</i> , 2014, 16, 923-930.	2.6	11
158	Glutamatergic Response to Heat Pain Stress in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 886-895.	4.3	11
159	Allostatic Load Effects on Cortical and Cognitive Deficits in Essentially Normotensive, Normoweight Patients with Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 1048-1057.	4.3	11
160	N-methyl-D-aspartate Receptor Antibody and White Matter Deficits in Schizophrenia Treatment-Resistance. <i>Schizophrenia Bulletin</i> , 2021, 47, 1463-1472.	4.3	11
161	Behavioral, Anatomical and Heritable Convergence of Affect and Cognition in Superior Frontal Cortex. <i>NeuroImage</i> , 2021, 243, 118561.	4.2	11
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