

Peter V Kochunov

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

18,074
citations

39113

52
h-index

18944

123
g-index

237
all docs

237
docs citations

237
times ranked

22927
citing authors

#	ARTICLE	IF	CITATIONS
1	Frontal white matter association with sleep quality and the role of stress. <i>Journal of Sleep Research</i> , 2023, 32, .	1.7	5
2	Intracranial and subcortical volumes in adolescents with <sc>earlyâ€onset</sc> psychosis: A multisite <sc>megaâ€analysis</sc> from the <sc>ENIGMA</sc> consortium. <i>Human Brain Mapping</i> , 2022, 43, 373-384.	1.9	27
3	The <sc>ENIGMAâ€Epilepsy</sc> working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128.	1.9	47
4	Translating <sc>ENIGMA</sc> schizophrenia findings using the regional vulnerability index: Association with cognition, symptoms, and disease trajectory. <i>Human Brain Mapping</i> , 2022, 43, 566-575.	1.9	25
5	White matter alterations and the conversion to psychosis: A combined diffusion tensor imaging and glutamate 1H MRS study. <i>Schizophrenia Research</i> , 2022, 249, 85-92.	1.1	8
6	ENIGMAâ€DTI: Translating reproducible white matter deficits into personalized vulnerability metrics in crossâ€diagnostic psychiatric research. <i>Human Brain Mapping</i> , 2022, 43, 194-206.	1.9	52
7	Multi-spatial-scale dynamic interactions between functional sources reveal sex-specific changes in schizophrenia. <i>Network Neuroscience</i> , 2022, 6, 357-381.	1.4	29
8	Computational Modeling of Electroencephalography and Functional Magnetic Resonance Imaging Paradigms Indicates a Consistent Loss of Pyramidal Cell Synaptic Gain in Schizophrenia. <i>Biological Psychiatry</i> , 2022, 91, 202-215.	0.7	40
9	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>. <i>Human Brain Mapping</i> , 2022, 43, 352-372.	1.9	39
10	A systemsâ€level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	22
11	The Enhancing <sc>NeuroImaging</sc> Genetics through Metaâ€Analysis Consortium: 10â€%Years of Global Collaborations in Human Brain Mapping. <i>Human Brain Mapping</i> , 2022, 43, 15-22.	1.9	19
12	Serum kynurenine metabolites might not be associated with risk factors of treatment-resistant schizophrenia. <i>Journal of Psychiatric Research</i> , 2022, 145, 339-346.	1.5	5
13	Role of White Matter Microstructure in Impulsive Behavior. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2022, 34, 254-260.	0.9	6
14	The additive impact of <sc>cardioâ€metabolic</sc> disorders and psychiatric illnesses on accelerated brain aging. <i>Human Brain Mapping</i> , 2022, 43, 1997-2010.	1.9	8
15	Cross disorder comparisons of brain structure in schizophrenia, bipolar disorder, major depressive disorder, and 22q11.2 deletion syndrome: A review of <sc>ENIGMA</sc> findings. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 140-161.	1.0	27
16	Meta-Analysis of Transcriptome-Wide Association Studies across 13 Brain Tissues Identified Novel Clusters of Genes Associated with Nicotine Addiction. <i>Genes</i> , 2022, 13, 37.	1.0	1
17	Session Introduction: Big Data Imaging Genomics. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 68-72.	0.7	0
18	Separating Clinical and Subclinical Depression by Big Data Informed Structural Vulnerability Index and Its impact on Cognition: ENIGMA Dot Product. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2022, 27, 133-143.	0.7	0

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19	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	0.7	11
20	An integrated clusterwise significance measure for <sc>fMRI</sc> analysis. <i>Human Brain Mapping</i> , 2022, 43, 2444-2459.	1.9	2
21	A new multimodality fusion classification approach to explore the uniqueness of schizophrenia and autism spectrum disorder. <i>Human Brain Mapping</i> , 2022, 43, 3887-3903.	1.9	10
22	Genetic and phylogenetic uncoupling of structure and function in human transmodal cortex. <i>Nature Communications</i> , 2022, 13, 2341.	5.8	54
23	History of suicide attempts associated with the thinning right superior temporal gyrus among individuals with schizophrenia. <i>Brain Imaging and Behavior</i> , 2022, 16, 1893-1901.	1.1	1
24	Event-based modeling in temporal lobe epilepsy demonstrates progressive atrophy from cross-sectional data. <i>Epilepsia</i> , 2022, 63, 2081-2095.	2.6	11
25	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.	4.1	69
26	A White Matter Connection of Schizophrenia and Alzheimer's Disease. <i>Schizophrenia Bulletin</i> , 2021, 47, 197-206.	2.3	35
27	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	6.0	136
28	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.	1.4	25
29	Mapping local and long-distance resting connectivity markers of TMS-related inhibition reduction in schizophrenia. <i>NeuroImage: Clinical</i> , 2021, 31, 102688.	1.4	1
30	Allostatic Load Effects on Cortical and Cognitive Deficits in Essentially Normotensive, Normoweight Patients with Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 1048-1057.	2.3	11
31	Comparison of regional brain deficit patterns in common psychiatric and neurological disorders as revealed by big data. <i>NeuroImage: Clinical</i> , 2021, 29, 102574.	1.4	9
32	N-methyl-D-aspartate Receptor Antibody and White Matter Deficits in Schizophrenia Treatment-Resistance. <i>Schizophrenia Bulletin</i> , 2021, 47, 1463-1472.	2.3	11
33	The microRNA-195 - BDNF pathway and cognitive deficits in schizophrenia patients with minimal antipsychotic medication exposure. <i>Translational Psychiatry</i> , 2021, 11, 117.	2.4	12
34	Local versus long-range connectivity patterns of auditory disturbance in schizophrenia. <i>Schizophrenia Research</i> , 2021, 228, 262-270.	1.1	3
35	Genetic versus stress and mood determinants of sleep in the Amish. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 113-121.	1.1	2
36	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.	2.4	33

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37	ENIGMA Sleep: Challenges, opportunities, and the road map. <i>Journal of Sleep Research</i> , 2021, 30, e13347.	1.7	19
38	Multiple dimensions of stress vs. genetic effects on depression. <i>Translational Psychiatry</i> , 2021, 11, 254.	2.4	4
39	Neuroretinal Biomarkers for Schizophrenia Spectrum Disorders. <i>Translational Vision Science and Technology</i> , 2021, 10, 29.	1.1	8
40	Effects of neuroactive metabolites of the tryptophan pathway on working memory and cortical thickness in schizophrenia. <i>Translational Psychiatry</i> , 2021, 11, 198.	2.4	18
41	White matter brain aging in relationship to schizophrenia and its cognitive deficit. <i>Schizophrenia Research</i> , 2021, 230, 9-16.	1.1	20
42	Association of working memory and elevated overnight urinary norepinephrine in patients with schizophrenia. <i>Journal of Psychiatric Research</i> , 2021, 137, 89-95.	1.5	8
43	White Matter Disruption in Pediatric Traumatic Brain Injury. <i>Neurology</i> , 2021, 97, .	1.5	14
44	Bayes estimate of primary threshold in clusterwise functional magnetic resonance imaging inferences. <i>Statistics in Medicine</i> , 2021, 40, 5673-5689.	0.8	3
45	White matter in prolonged glucocorticoid response to psychological stress in schizophrenia. <i>Neuropsychopharmacology</i> , 2021, 46, 2312-2319.	2.8	6
46	Aberrant anterior cingulate processing of anticipated threat as a mechanism for psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2021, 313, 111300.	0.9	2
47	Evidence of shared and distinct functional and structural brain signatures in schizophrenia and autism spectrum disorder. <i>Communications Biology</i> , 2021, 4, 1073.	2.0	19
48	Multi-model Order ICA: A Data-driven Method for Evaluating Brain Functional Network Connectivity Within and Between Multiple Spatial Scales. <i>Brain Connectivity</i> , 2021, , .	0.8	7
49	Behavioral, Anatomical and Heritable Convergence of Affect and Cognition in Superior Frontal Cortex. <i>NeuroImage</i> , 2021, 243, 118561.	2.1	11
50	Stressful life events and openness to experience: Relevance to depression. <i>Journal of Affective Disorders</i> , 2021, 295, 711-716.	2.0	22
51	White Matter Integrity and Nicotine Dependence: Evaluating Vertical and Horizontal Pleiotropy. <i>Frontiers in Neuroscience</i> , 2021, 15, 738037.	1.4	6
52	Comparing empirical kinship derived heritability for imaging genetics traits in the UK biobank and human connectome project. <i>NeuroImage</i> , 2021, 245, 118700.	2.1	2
53	Separating Clinical and Subclinical Depression by Big Data Informed Structural Vulnerability Index and Its Impact on Cognition: ENIGMA Dot Product. , 2021, , .		0
54	Session Introduction: Big Data Imaging Genomics. , 2021, , .		0

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55	A new Mendelian Randomization method to estimate causal effects of multivariable brain imaging exposures. , 2021, , .		0
56	Bayesian modeling of dependence in brain connectivity data. <i>Biostatistics</i> , 2020, 21, 269-286.	0.9	12
57	Cingulum and abnormal psychological stress response in schizophrenia. <i>Brain Imaging and Behavior</i> , 2020, 14, 548-561.	1.1	3
58	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.	4.1	218
59	Choroid Plexus Enlargement and Allostatic Load in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 722-731.	2.3	45
60	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.	1.9	19
61	NeuroMark: An automated and adaptive ICA based pipeline to identify reproducible fMRI markers of brain disorders. <i>NeuroImage: Clinical</i> , 2020, 28, 102375.	1.4	198
62	Assessment of brain cholesterol metabolism biomarker 24S-hydroxycholesterol in schizophrenia. <i>NPJ Schizophrenia</i> , 2020, 6, 34.	2.0	8
63	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. <i>Communications Biology</i> , 2020, 3, 510.	2.0	42
64	Shaping brain structure: Genetic and phylogenetic axes of macroscale organization of cortical thickness. <i>Science Advances</i> , 2020, 6, .	4.7	97
65	Characterizing the Complexity of Weighted Networks via Graph Embedding and Point Pattern Analysis. <i>Entropy</i> , 2020, 22, 925.	1.1	7
66	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	3.7	123
67	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. <i>NeuroImage</i> , 2020, 218, 116956.	2.1	135
68	Personality and local brain structure: Their shared genetic basis and reproducibility. <i>NeuroImage</i> , 2020, 220, 117067.	2.1	24
69	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.	2.4	365
70	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
71	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.	4.0	49
72	The Role of Hippocampal Functional Connectivity on Multisystem Subclinical Abnormalities in Schizophrenia. <i>Psychosomatic Medicine</i> , 2020, 82, 623-630.	1.3	3

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73	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.		
74	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.	2.0	24
75	Anterior Cingulate Glutamate and GABA Associations on Functional Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 647-658.	2.3	45
76	Aberrant Middle Prefrontal-Motor Cortex Connectivity Mediates Motor Inhibitory Biomarker in Schizophrenia. <i>Biological Psychiatry</i> , 2019, 85, 49-59.	0.7	23
77	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 16.	1.3	23
78	White Matter in Schizophrenia Treatment Resistance. <i>American Journal of Psychiatry</i> , 2019, 176, 829-838.	4.0	44
79	Functional network connectivity impairments and core cognitive deficits in schizophrenia. <i>Human Brain Mapping</i> , 2019, 40, 4593-4605.	1.9	45
80	Clinical and genetic validity of quantitative bipolarity. <i>Translational Psychiatry</i> , 2019, 9, 228.	2.4	4
81	Evidence for genetic correlation between human cerebral white matter microstructure and inflammation. <i>Human Brain Mapping</i> , 2019, 40, 4180-4191.	1.9	16
82	Toward High Reproducibility and Accountable Heterogeneity in Schizophrenia Research. <i>JAMA Psychiatry</i> , 2019, 76, 680.	6.0	22
83	White matter and hypoxic hypobaria in humans. <i>Human Brain Mapping</i> , 2019, 40, 3165-3173.	1.9	12
84	BMI-related cortical morphometry changes are associated with altered white matter structure. <i>International Journal of Obesity</i> , 2019, 43, 523-532.	1.6	14
85	Cardiovascular risks impact human brain <i>N</i> -acetylaspartate in regionally specific patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25243-25249.	3.3	6
86	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.	1.1	49
87	Aberrant Frontostriatal Connectivity in Negative Symptoms of Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 1051-1059.	2.3	34
88	Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process?. <i>Biological Psychiatry</i> , 2019, 85, e35-e39.	0.7	5
89	Subcortical structures and cognitive dysfunction in first episode schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2019, 286, 69-75.	0.9	48
90	Genomic kinship construction to enhance genetic analyses in the human connectome project data. <i>Human Brain Mapping</i> , 2019, 40, 1677-1688.	1.9	14

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91	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.	1.9	30
92	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.	0.7	64
93	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	3.7	352
94	Miniature pig model of human adolescent brain white matter development. <i>Journal of Neuroscience Methods</i> , 2018, 296, 99-108.	1.3	22
95	TMS evoked N100 reflects local GABA and glutamate balance. <i>Brain Stimulation</i> , 2018, 11, 1071-1079.	0.7	36
96	Delta Vs Gamma Auditory Steady State Synchrony in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 378-387.	2.3	28
97	Glutamatergic Response to Heat Pain Stress in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2018, 44, 886-895.	2.3	11
98	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.	1.9	20
99	A novel DTI-QA tool: Automated metric extraction exploiting the sphericity of an agar filled phantom. <i>Magnetic Resonance Imaging</i> , 2018, 46, 28-39.	1.0	10
100	Cerebellar-Stimulation Evoked Prefrontal Electrical Synchrony Is Modulated by GABA. <i>Cerebellum</i> , 2018, 17, 550-563.	1.4	25
101	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.	0.7	627
102	Evaluation of the accuracy and precision of the diffusion parameter Estimation with Gibbs and Noise removal pipeline. <i>NeuroImage</i> , 2018, 183, 532-543.	2.1	123
103	Comparison of heritability estimates on resting state fMRI connectivity phenotypes using the ENIGMA analysis pipeline. <i>Human Brain Mapping</i> , 2018, 39, 4893-4902.	1.9	45
104	Salivary kynurenic acid response to psychological stress: inverse relationship to cortical glutamate in schizophrenia. <i>Neuropsychopharmacology</i> , 2018, 43, 1706-1711.	2.8	24
105	Fast and powerful genome wide association of dense genetic data with high dimensional imaging phenotypes. <i>Nature Communications</i> , 2018, 9, 3254.	5.8	6
106	Miniature pig magnetic resonance spectroscopy model of normal adolescent brain development. <i>Journal of Neuroscience Methods</i> , 2018, 308, 173-182.	1.3	10
107	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.	0.9	26
108	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

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109	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	2.1	173
110	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
111	Reproducibility of tract-based white matter microstructural measures using the ENIGMA-DTI protocol. <i>Brain and Behavior</i> , 2017, 7, e00615.	1.0	43
112	Glutamatergic metabolites are associated with visual plasticity in humans. <i>Neuroscience Letters</i> , 2017, 644, 30-36.	1.0	19
113	Allostatic load and reduced cortical thickness in schizophrenia. <i>Psychoneuroendocrinology</i> , 2017, 77, 105-111.	1.3	40
114	Fornix Structural Connectivity and Allostatic Load: Empirical Evidence From Schizophrenia Patients and Healthy Controls. <i>Psychosomatic Medicine</i> , 2017, 79, 770-776.	1.3	26
115	Lipid Metabolism, Abdominal Adiposity, and Cerebral Health in the Amish. <i>Obesity</i> , 2017, 25, 1876-1880.	1.5	8
116	Association of White Matter With Core Cognitive Deficits in Patients With Schizophrenia. <i>JAMA Psychiatry</i> , 2017, 74, 958.	6.0	116
117	ENIGMA-Viewer: interactive visualization strategies for conveying effect sizes in meta-analysis. <i>BMC Bioinformatics</i> , 2017, 18, 253.	1.2	5
118	The role of white matter microstructure in inhibitory deficits in patients with schizophrenia. <i>Brain Stimulation</i> , 2017, 10, 283-290.	0.7	9
119	Altered Glutamate and Regional Cerebral Blood Flow Levels in Schizophrenia: A 1H-MRS and pCASL study. <i>Neuropsychopharmacology</i> , 2017, 42, 562-571.	2.8	46
120	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.	0.7	46
121	Utilization of MRI for Cerebral White Matter Injury in a Hypobaric Swine Model—Validation of Technique. <i>Military Medicine</i> , 2017, 182, e1757-e1764.	0.4	5
122	Reproducibility of quantitative structural and physiological MRI measurements. <i>Brain and Behavior</i> , 2017, 7, e00759.	1.0	24
123	Machine Learning for Large-Scale Quality Control of 3D Shape Models in Neuroimaging. <i>Lecture Notes in Computer Science</i> , 2017, 10541, 371-378.	1.0	4
124	ENIGMA-Viewer. , 2016, , .		0
125	White Matter Integrity in High-Altitude Pilots Exposed to Hypobaria. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 983-988.	0.2	14
126	Heritability of complex white matter diffusion traits assessed in a population isolate. <i>Human Brain Mapping</i> , 2016, 37, 525-535.	1.9	19

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127	Genetic analysis of cortical sulci in 1,009 adults. , 2016, , .		5
128	Tryptophan Metabolism and White Matter Integrity in Schizophrenia. <i>Neuropsychopharmacology</i> , 2016, 41, 2587-2595.	2.8	60
129	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
130	Heterochronicity of white matter development and aging explains regional patient control differences in schizophrenia. <i>Human Brain Mapping</i> , 2016, 37, 4673-4688.	1.9	53
131	Diffusion-weighted imaging uncovers likely sources of processing-speed deficits in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13504-13509.	3.3	43
132	A comprehensive tractography study of patients with bipolar disorder and their unaffected siblings. <i>Human Brain Mapping</i> , 2016, 37, 3474-3485.	1.9	35
133	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.	6.0	78
134	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.	2.1	29
135	Disrupted glucocorticoid-immune interactions during stress response in schizophrenia. <i>Psychoneuroendocrinology</i> , 2016, 63, 86-93.	1.3	26
136	Striatal activity and reduced white matter increase frontal activity in youths with family histories of alcohol and other substance use disorders performing a go/no-go task. <i>Brain and Behavior</i> , 2015, 5, e00352.	1.0	6
137	Perfusion shift from white to gray matter may account for processing speed deficits in schizophrenia. <i>Human Brain Mapping</i> , 2015, 36, 3793-3804.	1.9	28
138	Cortisol Reactivity to Stress and Its Association With White Matter Integrity in Adults With Schizophrenia. <i>Psychosomatic Medicine</i> , 2015, 77, 733-742.	1.3	28
139	Genome-wide significant linkage of schizophrenia-related neuroanatomical trait to 12q24. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015, 168, 678-686.	1.1	9
140	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
141	Fast and powerful heritability inference for family-based neuroimaging studies. <i>NeuroImage</i> , 2015, 115, 256-268.	2.1	33
142	Edge-Centered DTI Connectivity Analysis: Application to Schizophrenia. <i>Neuroinformatics</i> , 2015, 13, 501-509.	1.5	5
143	Shared genetic variance between obesity and white matter integrity in Mexican Americans. <i>Frontiers in Genetics</i> , 2015, 6, 26.	1.1	17
144	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.	2.1	227

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145	Evaluation of Myo-Inositol as a Potential Biomarker for Depression in Schizophrenia. <i>Neuropsychopharmacology</i> , 2015, 40, 2157-2164.	2.8	46
146	Discovering Schizophrenia Endophenotypes in Randomly Ascertained Pedigrees. <i>Biological Psychiatry</i> , 2015, 77, 75-83.	0.7	30
147	Neurodevelopmental and Neurodegenerative Models of Schizophrenia: White Matter at the Center Stage. <i>Schizophrenia Bulletin</i> , 2014, 40, 721-728.	2.3	186
148	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.	0.8	12
149	Lower neurocognitive function in U-2 pilots. <i>Neurology</i> , 2014, 83, 638-645.	1.5	21
150	Reproducibility of phase rotation STEAM at 3T: Focus on glutathione. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 603-609.	1.9	46
151	Stress-Induced Increase in Kynurenic Acid as a Potential Biomarker for Patients With Schizophrenia and Distress Intolerance. <i>JAMA Psychiatry</i> , 2014, 71, 761.	6.0	68
152	Familial Aggregation of Tobacco Use Behaviors Among Amish Men. <i>Nicotine and Tobacco Research</i> , 2014, 16, 923-930.	1.4	11
153	Anterior cingulate GABA levels predict whole-brain cerebral blood flow. <i>Neuroscience Letters</i> , 2014, 561, 188-191.	1.0	4
154	Influence of age, sex and genetic factors on the human brain. <i>Brain Imaging and Behavior</i> , 2014, 8, 143-152.	1.1	69
155	Multi-region hemispheric specialization differentiates human from nonhuman primate brain function. <i>Brain Structure and Function</i> , 2014, 219, 2187-2194.	1.2	31
156	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
157	Testing trait depression as a potential clinical domain in schizophrenia. <i>Schizophrenia Research</i> , 2014, 159, 243-248.	1.1	30
158	Common genetic variants and gene expression associated with white matter microstructure in the human brain. <i>NeuroImage</i> , 2014, 97, 252-261.	2.1	30
159	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and megaanalytical approaches for data pooling. <i>NeuroImage</i> , 2014, 95, 136-150.	2.1	127
160	Accelerated white matter aging in schizophrenia: role of white matter blood perfusion. <i>Neurobiology of Aging</i> , 2014, 35, 2411-2418.	1.5	42
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