

Josselin Houenou

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

5,466
citations

94381

37
h-index

91828

69
g-index

114
all docs

114
docs citations

114
times ranked

7303
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. <i>Molecular Psychiatry</i> , 2018, 23, 932-942.	4.1	558
2	Subcortical volumetric abnormalities in bipolar disorder. <i>Molecular Psychiatry</i> , 2016, 21, 1710-1716.	4.1	400
3	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
4	Neuroimaging-based markers of bipolar disorder: Evidence from two meta-analyses. <i>Journal of Affective Disorders</i> , 2011, 132, 344-355.	2.0	205
5	Biomarkers in bipolar disorder: A positional paper from the International Society for Bipolar Disorders Biomarkers Task Force. <i>Australian and New Zealand Journal of Psychiatry</i> , 2013, 47, 321-332.	1.3	193
6	A meta-analysis of whole-brain diffusion tensor imaging studies in bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1820-1826.	2.5	192
7	Fronto-Striatal Overactivation in Euthymic Bipolar Patients During an Emotional Go/NoGo Task. <i>American Journal of Psychiatry</i> , 2007, 164, 638-646.	4.0	186
8	Automatic fiber bundle segmentation in massive tractography datasets using a multi-subject bundle atlas. <i>NeuroImage</i> , 2012, 61, 1083-1099.	2.1	165
9	Increased white matter connectivity in euthymic bipolar patients: diffusion tensor tractography between the subgenual cingulate and the amygdalo-hippocampal complex. <i>Molecular Psychiatry</i> , 2007, 12, 1001-1010.	4.1	162
10	Widespread white matter microstructural abnormalities in bipolar disorder: evidence from mega- and meta-analyses across 3033 individuals. <i>Neuropsychopharmacology</i> , 2019, 44, 2285-2293.	2.8	147
11	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	4.1	136
12	A Multicenter Tractography Study of Deep White Matter Tracts in Bipolar I Disorder. <i>JAMA Psychiatry</i> , 2014, 71, 388.	6.0	132
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.	4.1	127
14	Reproducibility of superficial white matter tracts using diffusion-weighted imaging tractography. <i>NeuroImage</i> , 2017, 147, 703-725.	2.1	111
15	Molecular characteristics of Human Endogenous Retrovirus type-W in schizophrenia and bipolar disorder. <i>Translational Psychiatry</i> , 2012, 2, e201-e201.	2.4	107
16	Relationship between <i>Toxoplasma gondii</i> infection and bipolar disorder in a French sample. <i>Journal of Affective Disorders</i> , 2013, 148, 444-448.	2.0	102
17	Tractography dissection variability: What happens when 42 groups dissect 14 white matter bundles on the same dataset?. <i>NeuroImage</i> , 2021, 243, 118502.	2.1	94
18	Microstructural white matter changes in euthymic bipolar patients: a whole-brain diffusion tensor imaging study. <i>Bipolar Disorders</i> , 2009, 11, 504-514.	1.1	92

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19	Brain changes in early-onset bipolar and unipolar depressive disorders: a systematic review in children and adolescents. <i>European Child and Adolescent Psychiatry</i> , 2014, 23, 1023-1041.	2.8	92
20	Cerebellar volume in schizophrenia and bipolar I disorder with and without psychotic features. <i>Acta Psychiatrica Scandinavica</i> , 2015, 131, 223-233.	2.2	92
21	The arcuate fasciculus in auditory-verbal hallucinations: A meta-analysis of diffusion-tensor-imaging studies. <i>Schizophrenia Research</i> , 2014, 159, 234-237.	1.1	87
22	What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. <i>Human Brain Mapping</i> , 2022, 43, 56-82.	1.9	67
23	Local structural connectivity is associated with social cognition in autism spectrum disorder. <i>Brain</i> , 2018, 141, 3472-3481.	3.7	62
24	White matter alterations in bipolar disorder: potential for drug discovery and development. <i>Bipolar Disorders</i> , 2014, 16, 97-112.	1.1	61
25	Childhood trauma and the limbic network: a multimodal MRI study in patients with bipolar disorder and controls. <i>Journal of Affective Disorders</i> , 2016, 200, 159-164.	2.0	55
26	Clustering of Whole-Brain White Matter Short Association Bundles Using HARDI Data. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 73.	1.3	54
27	Polymorphism of Toll-like receptor 4 gene in bipolar disorder. <i>Journal of Affective Disorders</i> , 2014, 152-154, 395-402.	2.0	53
28	Corpus callosum area in patients with bipolar disorder with and without psychotic features: an international multicentre study. <i>Journal of Psychiatry and Neuroscience</i> , 2015, 40, 352-359.	1.4	53
29	ENIGMA-DTI: Translating reproducible white matter deficits into personalized vulnerability metrics in cross-diagnostic psychiatric research. <i>Human Brain Mapping</i> , 2022, 43, 194-206.	1.9	52
30	Bipolar disorder: Functional neuroimaging markers in relatives. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 284-296.	2.9	50
31	Cognitive deterioration among bipolar disorder patients infected by <i>Toxoplasma gondii</i> is correlated to interleukin 6 levels. <i>Journal of Affective Disorders</i> , 2015, 179, 161-166.	2.0	49
32	Cortical folding difference between patients with early-onset and patients with intermediate-onset bipolar disorder. <i>Bipolar Disorders</i> , 2009, 11, 361-370.	1.1	46
33	Neuroimaging biomarkers in bipolar disorder. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 593-606.	0.9	46
34	Increased and Decreased Superficial White Matter Structural Connectivity in Schizophrenia and Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2019, 45, 1367-1378.	2.3	45
35	Gene X Environment Interactions in Schizophrenia and Bipolar Disorder: Evidence from Neuroimaging. <i>Frontiers in Psychiatry</i> , 2013, 4, 136.	1.3	41
36	Can neuroimaging disentangle bipolar disorder?. <i>Journal of Affective Disorders</i> , 2016, 195, 199-214.	2.0	41

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37	Cytomegalovirus seropositivity and serointensity are associated with hippocampal volume and verbal memory in schizophrenia and bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 142-148.	2.5	39
38	Treatment with anti-toxoplasmic activity (TATA) for toxoplasma positive patients with bipolar disorders or schizophrenia: A cross-sectional study. <i>Journal of Psychiatric Research</i> , 2015, 63, 58-64.	1.5	39
39	Cerebellar anatomical alterations and attention to eyes in autism. <i>Scientific Reports</i> , 2017, 7, 12008.	1.6	39
40	Cortical folding in patients with bipolar disorder or unipolar depression. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 127-35.	1.4	37
41	Fast Automatic Segmentation of White Matter Streamlines Based on a Multi-Subject Bundle Atlas. <i>Neuroinformatics</i> , 2017, 15, 71-86.	1.5	36
42	Will machine learning applied to neuroimaging in bipolar disorder help the clinician? A critical review and methodological suggestions. <i>Bipolar Disorders</i> , 2020, 22, 334-355.	1.1	35
43	Emotional dysfunction as a marker of bipolar disorders. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 2622-2630.	0.9	34
44	Similar white matter but opposite grey matter changes in schizophrenia and high-functioning autism. <i>Acta Psychiatrica Scandinavica</i> , 2016, 134, 31-39.	2.2	32
45	Fronto-limbic neural variability as a transdiagnostic correlate of emotion dysregulation. <i>Translational Psychiatry</i> , 2021, 11, 545.	2.4	31
46	A Multilevel Functional Study of a SNAP25 At-Risk Variant for Bipolar Disorder and Schizophrenia. <i>Journal of Neuroscience</i> , 2017, 37, 10389-10397.	1.7	29
47	Social cognition in autism is associated with the neurodevelopment of the posterior superior temporal sulcus. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 517-525.	2.2	28
48	MRI exploration of pineal volume in bipolar disorder. <i>Journal of Affective Disorders</i> , 2011, 135, 377-379.	2.0	27
49	Neurodevelopmental subtypes of bipolar disorder are related to cortical folding patterns: An international multicenter study. <i>Bipolar Disorders</i> , 2018, 20, 721-732.	1.1	25
50	FFClust: Fast fiber clustering for large tractography datasets for a detailed study of brain connectivity. <i>NeuroImage</i> , 2020, 220, 117070.	2.1	25
51	Neuroimaging biomarkers in bipolar disorder. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 593.	0.9	25
52	Cerebellar parcellation in schizophrenia and bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 468-476.	2.2	24
53	From the microscope to the magnet: Disconnection in schizophrenia and bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 47-57.	2.9	23
54	Population modeling with machine learning can enhance measures of mental health. <i>GigaScience</i> , 2021, 10, .	3.3	23

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55	Disruption of Conscious Access in Psychosis Is Associated with Altered Structural Brain Connectivity. <i>Journal of Neuroscience</i> , 2021, 41, 513-523.	1.7	22
56	Identifying a neuroanatomical signature of schizophrenia, reproducible across sites and stages, using machine learning with structured sparsity. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 571-580.	2.2	20
57	Higher in vivo Cortical Intracellular Volume Fraction Associated with Lithium Therapy in Bipolar Disorder: A Multicenter NODDI Study. <i>Psychotherapy and Psychosomatics</i> , 2019, 88, 171-176.	4.0	20
58	Decreased Cortical Thickness in the Anterior Cingulate Cortex in Adults with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 1402-1409.	1.7	20
59	Accumulation of Lithium in the Hippocampus of Patients With Bipolar Disorder: A Lithium-7 Magnetic Resonance Imaging Study at 7 Tesla. <i>Biological Psychiatry</i> , 2020, 88, 426-433.	0.7	20
60	Cerebellar Atypicalities in Autism?. <i>Biological Psychiatry</i> , 2022, 92, 674-682.	0.7	20
61	An emotional-response model of bipolar disorders integrating recent findings on amygdala circuits. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 358-366.	2.9	19
62	ENIGMA's Sleep: Challenges, opportunities, and the road map. <i>Journal of Sleep Research</i> , 2021, 30, e13347.	1.7	19
63	A meta-analysis of fMRI studies in healthy relatives of patients with schizophrenia. <i>Australian and New Zealand Journal of Psychiatry</i> , 2014, 48, 907-916.	1.3	17
64	Immunoglobulin sub-class distribution in bipolar disorder and schizophrenia: potential relationship with latent <i>Toxoplasma Gondii</i> infection. <i>BMC Psychiatry</i> , 2018, 18, 239.	1.1	17
65	Shape analysis of the cingulum, uncinata and arcuate fasciculi in patients with bipolar disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 27-36.	1.4	16
66	Dysfunctional decision-making related to white matter alterations in bipolar I disorder. <i>Journal of Affective Disorders</i> , 2016, 194, 72-79.	2.0	15
67	Lithium prevents grey matter atrophy in patients with bipolar disorder: an international multicenter study. <i>Psychological Medicine</i> , 2021, 51, 1201-1210.	2.7	15
68	The Kraepelinian Dichotomy Viewed by Neuroimaging. <i>Schizophrenia Bulletin</i> , 2015, 41, 330-335.	2.3	14
69	Brain functional effects of psychopharmacological treatments in bipolar disorder. <i>European Neuropsychopharmacology</i> , 2016, 26, 1695-1740.	0.3	14
70	Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. <i>Human Brain Mapping</i> , 2022, 43, 414-430.	1.9	14
71	Decoding Activity in Broca's Area Predicts the Occurrence of Auditory Hallucinations Across Subjects. <i>Biological Psychiatry</i> , 2022, 91, 194-201.	0.7	14
72	Epidemiological and clinical aspects will guide the neuroimaging research in bipolar disorder. <i>Epidemiology and Psychiatric Sciences</i> , 2015, 24, 117-120.	1.8	11

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73	Association of increased genotypes risk for bipolar disorder with brain white matter integrity investigated with tract-based spatial statistics. <i>Journal of Affective Disorders</i> , 2017, 221, 312-317.	2.0	11
74	From Coarse to Fine-Grained Parcellation of the Cortical Surface Using a Fiber-Bundle Atlas. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 32.	1.3	9
75	Cortical signatures in behaviorally clustered autistic traits subgroups: a population-based study. <i>Translational Psychiatry</i> , 2020, 10, 207.	2.4	8
76	White Matter Plasticity Induced by Psychoeducation in Bipolar Patients: A Controlled Diffusion Tensor Imaging Study. <i>Psychotherapy and Psychosomatics</i> , 2016, 85, 58-60.	4.0	7
77	Study of the variability of short association bundles on a HARDI database. , 2013, 2013, 77-80.		5
78	Automatic group-wise whole-brain short association fiber bundle labeling based on clustering and cortical surface information. <i>BioMedical Engineering OnLine</i> , 2020, 19, 42.	1.3	4
79	Aberrant Subnetwork and Hub Dysconnectivity in Adult Bipolar Disorder: A Multicenter Graph Theory Analysis. <i>Cerebral Cortex</i> , 2022, 32, 2254-2264.	1.6	4
80	Interactive segmentation of white-matter fibers using a multi-subject atlas. , 2014, 2014, 2376-9.		3
81	Creation of a whole brain short association bundle atlas using a hybrid approach. , 2016, 2016, 1115-1119.		3
82	Inter-Subject Clustering of Brain Fibers from Whole-Brain Tractography. , 2020, 2020, 1687-1691.		3
83	242. Superficial White Matter Integrity in Autism Spectrum Disorders. <i>Biological Psychiatry</i> , 2017, 81, S99-S100.	0.7	2
84	Imagerie cÃ©rÃ©brale et lithium. <i>Annales Medico-Psychologiques</i> , 2014, 172, 192-196.	0.2	1
85	DTI in Psychiatry. , 2016, , 359-372.		1
86	785. Structural Properties and Connectivity of the Right Inferior Frontal Gyrus in Individuals at Genetic Risk for Bipolar Disorders. <i>Biological Psychiatry</i> , 2017, 81, S319.	0.7	1
87	Dysconnectivity in Hallucinations. , 2018, , 159-171.		1
88	88. Advanced Brain Age and its Clinical Correlates in Bipolar Disorder: A Global, Multi-Site Analysis of Data From the ENIGMA Bipolar Disorders Working Group. <i>Biological Psychiatry</i> , 2019, 85, S37.	0.7	0
89	A MULTI-LEVEL FUNCTIONAL STUDY OF A SNAP25 AT-RISK VARIANT FOR BIPOLAR DISORDER AND SCHIZOPHRENIA. <i>European Neuropsychopharmacology</i> , 2019, 29, S1009-S1010.	0.3	0
90	Short White Matter Tracts Myelination is Associated With Impaired Social Cognition in Autism Spectrum Disorder: A NODDI and Relaxometry Study. <i>Biological Psychiatry</i> , 2020, 87, S339.	0.7	0

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91	Neuroimaging Evidence for Increased Neurite Density in Patients Taking Lithium: A Replication Study. <i>Psychotherapy and Psychosomatics</i> , 2021, 90, 71-72.	4.0	0
92	Neuroimaging and Lithium. , 2017, , 97-109.		0
93	Un cerveau, deux h�misph�res : quelles anomalies de lat�ralisation c�r�brale dans les troubles mentaux ?. <i>French Journal of Psychiatry</i> , 2018, 1, S42.	0.1	0