Josselin Houenou

List of Publications by Year
in descending order

93	5,466	94269 37	91712 69
papers	citations	h-index	g-index

114	114	114	7303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. Molecular Psychiatry, 2018, 23, 932-942.	4.1	558
2	Subcortical volumetric abnormalities in bipolar disorder. Molecular Psychiatry, 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. Translational Psychiatry, 2020, 10, 100.	2.4	365
4	Neuroimaging-based markers of bipolar disorder: Evidence from two meta-analyses. Journal of Affective Disorders, 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. Australian and New Zealand Journal of Psychiatry, 2013, 47, 321-332.	1.3	193
6	A meta-analysis of whole-brain diffusion tensor imaging studies in bipolar disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1820-1826.	2.5	192
7	Fronto-Striatal Overactivation in Euthymic Bipolar Patients During an Emotional Go/NoGo Task. American Journal of Psychiatry, 2007, 164, 638-646.	4.0	186
8	Automatic fiber bundle segmentation in massive tractography datasets using a multi-subject bundle atlas. NeuroImage, 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. Molecular Psychiatry, 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. Neuropsychopharmacology, 2019, 44, 2285-2293.	2.8	147
11	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. Molecular Psychiatry, 2021, 26, 5124-5139.	4.1	136
12	A Multicenter Tractography Study of Deep White Matter Tracts in Bipolar I Disorder. JAMA Psychiatry, 2014, 71, 388.	6.0	132
13	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.	4.1	127
14	Reproducibility of superficial white matter tracts using diffusion-weighted imaging tractography. NeuroImage, 2017, 147, 703-725.	2.1	111
15	Molecular characteristics of Human Endogenous Retrovirus type-W in schizophrenia and bipolar disorder. Translational Psychiatry, 2012, 2, e201-e201.	2.4	107
16	Relationship between Toxoplasma gondii infection and bipolar disorder in a French sample. Journal of Affective Disorders, 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?. NeuroImage, 2021, 243, 118502.	2.1	94
18	Microstructural white matter changes in euthymic bipolar patients: a wholeâ€brain diffusion tensor imaging study. Bipolar Disorders, 2009, 11, 504-514.	1.1	92

#	Article	IF	Citations
19	Brain changes in early-onset bipolar and unipolar depressive disorders: a systematic review in children and adolescents. European Child and Adolescent Psychiatry, 2014, 23, 1023-1041.	2.8	92
20	Cerebellar volume in schizophrenia and bipolar I disorder with and without psychotic features. Acta Psychiatrica Scandinavica, 2015, 131, 223-233.	2.2	92
21	The arcuate fasciculus in auditory-verbal hallucinations: A meta-analysis of diffusion-tensor-imaging studies. Schizophrenia Research, 2014, 159, 234-237.	1.1	87
22	What we learn about bipolar disorder from largeâ€scale neuroimaging: Findings and future directions from the <scp>ENIGMA</scp> Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 56-82.	1.9	67
23	Local structural connectivity is associated with social cognition in autism spectrum disorder. Brain, 2018, 141, 3472-3481.	3.7	62
24	White matter alterations in bipolar disorder: potential for drug discovery and development. Bipolar Disorders, 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. Journal of Affective Disorders, 2016, 200, 159-164.	2.0	55
26	Clustering of Whole-Brain White Matter Short Association Bundles Using HARDI Data. Frontiers in Neuroinformatics, 2017, 11, 73.	1.3	54
27	Polymorphism of Toll-like receptor 4 gene in bipolar disorder. Journal of Affective Disorders, 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. Journal of Psychiatry and Neuroscience, 2015, 40, 352-359.	1.4	53
29	ENIGMAâ€DTI: Translating reproducible white matter deficits into personalized vulnerability metrics in crossâ€diagnostic psychiatric research. Human Brain Mapping, 2022, 43, 194-206.	1.9	52
30	Bipolar disorder: Functional neuroimaging markers in relatives. Neuroscience and Biobehavioral Reviews, 2015, 57, 284-296.	2.9	50
31	Cognitive deterioration among bipolar disorder patients infected by Toxoplasma gondii is correlated to interleukin 6 levels. Journal of Affective Disorders, 2015, 179, 161-166.	2.0	49
32	Cortical folding difference between patients with earlyâ€onset and patients with intermediateâ€onset bipolar disorder. Bipolar Disorders, 2009, 11, 361-370.	1.1	46
33	Neuroimaging biomarkers in bipolar disorder. Frontiers in Bioscience - Elite, 2012, E4, 593-606.	0.9	46
34	Increased and Decreased Superficial White Matter Structural Connectivity in Schizophrenia and Bipolar Disorder. Schizophrenia Bulletin, 2019, 45, 1367-1378.	2.3	45
35	Gene X Environment Interactions in Schizophrenia and Bipolar Disorder: Evidence from Neuroimaging. Frontiers in Psychiatry, 2013, 4, 136.	1.3	41
36	Can neuroimaging disentangle bipolar disorder?. Journal of Affective Disorders, 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. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 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. Journal of Psychiatric Research, 2015, 63, 58-64.	1.5	39
39	Cerebellar anatomical alterations and attention to eyes in autism. Scientific Reports, 2017, 7, 12008.	1.6	39
40	Cortical folding in patients with bipolar disorder or unipolar depression. Journal of Psychiatry and Neuroscience, 2009, 34, 127-35.	1.4	37
41	Fast Automatic Segmentation of White Matter Streamlines Based on a Multi-Subject Bundle Atlas. Neuroinformatics, 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. Bipolar Disorders, 2020, 22, 334-355.	1.1	35
43	Emotional dysfunction as a marker of bipolar disorders. Frontiers in Bioscience - Elite, 2012, E4, 2622-2630.	0.9	34
44	Similar white matter but opposite grey matter changes in schizophrenia and highâ€functioning autism. Acta Psychiatrica Scandinavica, 2016, 134, 31-39.	2.2	32
45	Fronto-limbic neural variability as a transdiagnostic correlate of emotion dysregulation. Translational Psychiatry, 2021, 11, 545.	2.4	31
46	A Multilevel Functional Study of aSNAP25At-Risk Variant for Bipolar Disorder and Schizophrenia. Journal of Neuroscience, 2017, 37, 10389-10397.	1.7	29
47	Social cognition in autism is associated with the neurodevelopment of the posterior superior temporal sulcus. Acta Psychiatrica Scandinavica, 2017, 136, 517-525.	2.2	28
48	MRI exploration of pineal volume in bipolar disorder. Journal of Affective Disorders, 2011, 135, 377-379.	2.0	27
49	Neurodevelopmental subtypes of bipolar disorder are related to cortical folding patterns: An international multicenter study. Bipolar Disorders, 2018, 20, 721-732.	1.1	25
50	FFClust: Fast fiber clustering for large tractography datasets for a detailed study of brain connectivity. NeuroImage, 2020, 220, 117070.	2.1	25
51	Neuroimaging biomarkers in bipolar disorder. Frontiers in Bioscience - Elite, 2012, E4, 593.	0.9	25
52	Cerebellar parcellation in schizophrenia and bipolar disorder. Acta Psychiatrica Scandinavica, 2019, 140, 468-476.	2.2	24
53	From the microscope to the magnet: Disconnection in schizophrenia and bipolar disorder. Neuroscience and Biobehavioral Reviews, 2019, 98, 47-57.	2.9	23
54	Population modeling with machine learning can enhance measures of mental health. GigaScience, 2021, 10, .	3.3	23

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55	Disruption of Conscious Access in Psychosis Is Associated with Altered Structural Brain Connectivity. Journal of Neuroscience, 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. Acta Psychiatrica Scandinavica, 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. Psychotherapy and Psychosomatics, 2019, 88, 171-176.	4.0	20
58	Decreased Cortical Thickness in the Anterior Cingulate Cortex in Adults with Autism. Journal of Autism and Developmental Disorders, 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. Biological Psychiatry, 2020, 88, 426-433.	0.7	20
60	Cerebellar Atypicalities in Autism?. Biological Psychiatry, 2022, 92, 674-682.	0.7	20
61	An emotional-response model of bipolar disorders integrating recent findings on amygdala circuits. Neuroscience and Biobehavioral Reviews, 2020, 118, 358-366.	2.9	19
62	ENIGMAâ€Sleep: Challenges, opportunities, and the road map. Journal of Sleep Research, 2021, 30, e13347.	1.7	19
63	A meta-analysis of fMRI studies in healthy relatives of patients with schizophrenia. Australian and New Zealand Journal of Psychiatry, 2014, 48, 907-916.	1.3	17
64	Immunoglobulin sub-class distribution in bipolar disorder and schizophrenia: potential relationship with latent Toxoplasma Gondii infection. BMC Psychiatry, 2018, 18, 239.	1.1	17
65	Shape analysis of the cingulum, uncinate and arcuate fasciculi in patients with bipolar disorder. Journal of Psychiatry and Neuroscience, 2017, 42, 27-36.	1.4	16
66	Dysfunctional decision-making related to white matter alterations in bipolar I disorder. Journal of Affective Disorders, 2016, 194, 72-79.	2.0	15
67	Lithium prevents grey matter atrophy in patients with bipolar disorder: an international multicenter study. Psychological Medicine, 2021, 51, 1201-1210.	2.7	15
68	The Kraepelinian Dichotomy Viewed by Neuroimaging. Schizophrenia Bulletin, 2015, 41, 330-335.	2.3	14
69	Brain functional effects of psychopharmacological treatments in bipolar disorder. European Neuropsychopharmacology, 2016, 26, 1695-1740.	0.3	14
70	Intelligence, educational attainment, and brain structure in those at familial highâ€risk for schizophrenia or bipolar disorder. Human Brain Mapping, 2022, 43, 414-430.	1.9	14
71	Decoding Activity in Broca's Area Predicts the Occurrence of Auditory Hallucinations Across Subjects. Biological Psychiatry, 2022, 91, 194-201.	0.7	14
72	Epidemiological and clinical aspects will guide the neuroimaging research in bipolar disorder. Epidemiology and Psychiatric Sciences, 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. Journal of Affective Disorders, 2017, 221, 312-317.	2.0	11
74	From Coarse to Fine-Grained Parcellation of the Cortical Surface Using a Fiber-Bundle Atlas. Frontiers in Neuroinformatics, 2020, 14, 32.	1.3	9
75	Cortical signatures in behaviorally clustered autistic traits subgroups: a population-based study. Translational Psychiatry, 2020, 10, 207.	2.4	8
76	White Matter Plasticity Induced by Psychoeducation in Bipolar Patients: A Controlled Diffusion Tensor Imaging Study. Psychotherapy and Psychosomatics, 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. BioMedical Engineering OnLine, 2020, 19, 42.	1.3	4
79	Aberrant Subnetwork and Hub Dysconnectivity in Adult Bipolar Disorder: A Multicenter Graph Theory Analysis. Cerebral Cortex, 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. Biological Psychiatry, 2017, 81, S99-S100.	0.7	2
84	Imagerie cÃ©rÃ©brale et lithium. Annales Medico-Psychologiques, 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. Biological Psychiatry, 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. Biological Psychiatry, 2019, 85, S37.	0.7	0
89	A MULTI-LEVEL FUNCTIONAL STUDY OF A SNAP25 AT-RISK VARIANT FOR BIPOLAR DISORDER AND SCHIZOPHRENIA. European Neuropsychopharmacology, 2019, 29, S1009-S1010.	0.3	0
90	Short White Matter Tracts Myelinization is Associated With Impaired Social Cognition in Autism Spectrum Disorder: A NODDI and Relaxometry Study. Biological Psychiatry, 2020, 87, S339.	0.7	0

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91	Neuroimaging Evidence for Increased Neurite Density in Patients Taking Lithium: A Replication Study. Psychotherapy and Psychosomatics, 2021, 90, 71-72.	4.0	0
92	Neuroimaging and Lithium. , 2017, , 97-109.		0
93	Un cerveau, deux hÃ©misphÃ¨res : quelles anomalies de latÃ©ralisation cÃ©rÃ©brale dans les troubles mentaux ?. French Journal of Psychiatry, 2018, 1, S42.	0.1	0