Edith Pomarol-Clotet

List of Publications by Year in descending order

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133 papers 5,982 citations

36 h-index 91884 69 g-index

140 all docs 140 docs citations

140 times ranked

8219 citing authors

#	Article	IF	Citations
1	Brain correlates of impaired goal management in bipolar mania. Psychological Medicine, 2023, 53, 1021-1029.	4.5	O
2	In vivo hippocampal subfield volumes in bipolar disorder—A megaâ€analysis from The Enhancing Neuro Imaging Genetics through <scp>Metaâ€Analysis</scp> Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 385-398.	3.6	41
3	Intelligence, educational attainment, and brain structure in those at familial highâ€risk for schizophrenia or bipolar disorder. Human Brain Mapping, 2022, 43, 414-430.	3.6	14
4	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	3.6	76
5	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.	3.6	67
6	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3–90 years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
7	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
8	Neural correlates of disturbance in the sense of agency in schizophrenia: An fMRI study using the â€~enfacement' paradigm. Schizophrenia Research, 2022, 243, 395-401.	2.0	10
9	A <scp>metaâ€analysis</scp> of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the <scp>ENIGMA Consortium</scp> . Human Brain Mapping, 2022, 43, 352-372.	3.6	39
10	Target selection for deep brain stimulation in treatment resistant schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110436.	4.8	11
11	A Functional Connectivity Study to Investigate the Role of the Right Anterior Insula in Modulating Emotional Dysfunction in Borderline Personality Disorder. Psychosomatic Medicine, 2022, 84, 64-73.	2.0	6
12	Prodromal phase: Differences in prodromal symptoms, risk factors and markers of vulnerability in first episode mania versus first episode psychosis with onset in late adolescence or adulthood. Acta Psychiatrica Scandinavica, 2022, 146, 36-50.	4.5	4
13	Cortical thinning over two years after first-episode psychosis depends on age of onset. NPJ Schizophrenia, 2022, 8, 20.	3.6	3
14	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	1.3	11
15	Diagnosis of bipolar disorders and body mass index predict clustering based on similarities in cortical thickness—ENIGMA study in 2436 individuals. Bipolar Disorders, 2022, 24, 509-520.	1.9	5
16	Processing of linguistic deixis in people with schizophrenia, with and without auditory verbal hallucinations. Neurolmage: Clinical, 2022, 34, 103007.	2.7	3
17	Regularized Functional Connectivity in Schizophrenia. Frontiers in Human Neuroscience, 2022, 16, .	2.0	1
18	Combining fMRI and DISC1 gene haplotypes to understand working memory-related brain activity in schizophrenia. Scientific Reports, 2022, 12, 7351.	3.3	0

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19	New insights of the role of the KCNH2 gene in schizophrenia: An fMRI case-control study. European Neuropsychopharmacology, 2022, 60, 38-47.	0.7	O
20	The role of educational attainment and brain morphology in major depressive disorder: Findings from the ENIGMA major depressive disorder consortium , 2022, 131, 664-673.		2
21	NRN1 Gene as a Potential Marker of Early-Onset Schizophrenia: Evidence from Genetic and Neuroimaging Approaches. International Journal of Molecular Sciences, 2022, 23, 7456.	4.1	2
22	Negative schizophrenic symptoms as prefrontal cortex dysfunction: Examination using a task measuring goal neglect. Neurolmage: Clinical, 2022, 35, 103119.	2.7	5
23	A functional neuroimaging association study on the interplay between two schizophrenia genome-wide associated genes (CACNA1C and ZNF804A). European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 1229-1239.	3.2	3
24	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. Molecular Psychiatry, 2021, 26, 5124-5139.	7.9	136
25	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
26	Autobiographical memory and default mode network function in schizophrenia: an fMRI study. Psychological Medicine, 2021, 51, 121-128.	4.5	7
27	Brain imaging of executive function with the computerised multiple elements test. Brain Imaging and Behavior, 2021, 15, 2317-2329.	2.1	3
28	Structural brain abnormalities in borderline personality disorder correlate with clinical severity and predict psychotherapy response. Brain Imaging and Behavior, 2021, 15, 2502-2512.	2.1	9
29	The BAT: A videotaped battery to assess theory of mind in schizophrenia. Psychiatry Research, 2021, 297, 113709.	3.3	2
30	Association between body mass index and subcortical brain volumes in bipolar disorders–ENIGMA study in 2735 individuals. Molecular Psychiatry, 2021, 26, 6806-6819.	7.9	24
31	Comparison of non-parametric T2 relaxometry methods for myelin water quantification. Medical Image Analysis, 2021, 69, 101959.	11.6	16
32	<i>DDR1</i> methylation is associated with bipolar disorder and the isoform expression and methylation of myelin genes. Epigenomics, 2021, 13, 845-858.	2.1	4
33	Auditory hallucinations activate language and verbal short-term memory, but not auditory, brain regions. Scientific Reports, 2021, 11, 18890.	3.3	7
34	Interindividual variability of functional connectome in schizophrenia. Schizophrenia Research, 2021, 235, 65-73.	2.0	8
35	Age- and gender-related differences in brain tissue microstructure revealed by multi-component T2 relaxometry. Neurobiology of Aging, 2021, 106, 68-79.	3.1	15
36	Activation and deactivation patterns in schizophrenia during performance of an fMRI adapted version of the stroop task. Journal of Psychiatric Research, 2021, 144, 1-7.	3.1	3

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37	Brain structural and functional substrates of ADGRL3 (latrophilin 3) haplotype in attention-deficit/hyperactivity disorder. Scientific Reports, 2021, 11, 2373.	3.3	1
38	Altered brain responses to specific negative emotions in schizophrenia. NeuroImage: Clinical, 2021, 32, 102894.	2.7	4
39	Using structural MRI to identify bipolar disorders – 13 site machine learning study in 3020 individuals from the ENIGMA Bipolar Disorders Working Group. Molecular Psychiatry, 2020, 25, 2130-2143.	7.9	127
40	Metabolic Syndrome Screening in People With Severe Mental Illness: Results From Two Spanish Community Mental Health Centers. Journal of the American Psychiatric Nurses Association, 2020, 26, 162-171.	1.0	7
41	An overlapping pattern of cerebral cortical thinning is associated with both positive symptoms and aggression in schizophrenia via the ENIGMA consortium. Psychological Medicine, 2020, 50, 2034-2045.	4.5	18
42	Evidence for default mode network dysfunction in borderline personality disorder. Psychological Medicine, 2020, 50, 1746-1754.	4.5	13
43	Deep brain stimulation in treatment resistant schizophrenia: A pilot randomized cross-over clinical trial. EBioMedicine, 2020, 51, 102568.	6.1	50
44	Structural abnormality in schizophrenia versus bipolar disorder: A whole brain cortical thickness, surface area, volume and gyrification analyses. NeuroImage: Clinical, 2020, 25, 102131.	2.7	38
45	Brain imaging correlates of self- and other-reflection in schizophrenia. Neurolmage: Clinical, 2020, 25, 102134.	2.7	17
46	Language disintegration in spontaneous speech in Huntington's disease: a more fine-grained analysis. Journal of Communication Disorders, 2020, 83, 105970.	1.5	6
47	Multivariate Brain Functional Connectivity Through Regularized Estimators. Frontiers in Neuroscience, 2020, 14, 569540.	2.8	5
48	Brain metabolic changes in patients with treatment resistant schizophrenia treated with deep brain stimulation: A series of cases. Journal of Psychiatric Research, 2020, 127, 57-61.	3.1	8
49	Increased power by harmonizing structural MRI site differences with the ComBat batch adjustment method in ENIGMA. Neurolmage, 2020, 218, 116956.	4.2	135
50	Birth weight and antipsychotic induced weight gain: A prenatal programming approach in the PEPs study. Schizophrenia Research, 2020, 218, 292-294.	2.0	6
51	Neutrophil Count Is Associated With Reduced Gray Matter and Enlarged Ventricles in First-Episode Psychosis. Schizophrenia Bulletin, 2019, 45, 846-858.	4.3	41
52	Effectiveness of a communityâ€based nurseâ€led lifestyleâ€modification intervention for people with serious mental illness and metabolic syndrome. International Journal of Mental Health Nursing, 2019, 28, 1328-1337.	3.8	16
53	Widespread white matter microstructural abnormalities in bipolar disorder: evidence from mega- and meta-analyses across 3033 individuals. Neuropsychopharmacology, 2019, 44, 2285-2293.	5.4	147
54	The interfering effects of frequent auditory verbal hallucinations on shadowing performance in schizophrenia. Schizophrenia Research, 2019, 208, 488-489.	2.0	4

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55	Effects of mindfulness training on the default mode network in borderline personality disorder. Clinical Psychology and Psychotherapy, 2019, 26, 562-571.	2.7	18
56	Longitudinal brain functional changes between mania and euthymia in bipolar disorder. Bipolar Disorders, 2019, 21, 449-457.	1.9	24
57	Multimodal Integration of Brain Images for MRI-Based Diagnosis in Schizophrenia. Frontiers in Neuroscience, 2019, 13, 1203.	2.8	26
58	Sparse wars: A survey and comparative study of spherical deconvolution algorithms for diffusion MRI. Neurolmage, 2019, 184, 140-160.	4.2	29
59	Effects of Mindfulness Training on Borderline Personality Disorder: Impulsivity Versus Emotional Dysregulation. Mindfulness, 2019, 10, 1243-1254.	2.8	23
60	The linguistic signature of hallucinated voice talk in schizophrenia. Schizophrenia Research, 2019, 206, 111-117.	2.0	16
61	Discoidin domain receptor 1 gene variants are associated with decreased white matter fractional anisotropy and decreased processing speed in schizophrenia. Journal of Psychiatric Research, 2019, 110, 74-82.	3.1	18
62	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?. Biological Psychiatry, 2019, 85, e35-e39.	1.3	5
63	Shared and differential default-mode related patterns of activity in an autobiographical, a self-referential and an attentional task. PLoS ONE, 2019, 14, e0209376.	2.5	17
64	Mental health professionals' attitudes towards mental illness: professional and cultural factors in the INTER NOS study. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 325-339.	3.2	27
65	Multimodal Brain Changes in First-Episode Mania: A Voxel-Based Morphometry, Functional Magnetic Resonance Imaging, and Connectivity Study. Schizophrenia Bulletin, 2019, 45, 464-473.	4.3	35
66	Functional Imaging Changes in the Medial Prefrontal Cortex in Adult ADHD. Journal of Attention Disorders, 2018, 22, 679-693.	2.6	21
67	Gray and white matter changes and their relation to illness trajectory in first episode psychosis. European Neuropsychopharmacology, 2018, 28, 392-400.	0.7	15
68	Orbitofrontal overactivation in reward processing in borderline personality disorder: the role of non-suicidal self-injury. Brain Imaging and Behavior, 2018, 12, 217-228.	2.1	34
69	Approaches to neuromodulation for schizophrenia. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 777-787.	1.9	39
70	Deficits in nominal reference identify thought disordered speech in a narrative production task. PLoS ONE, 2018, 13, e0201545.	2. 5	19
71	Cognitive impairment associated with cocaine use: The role of co-existent alcohol abuse/dependence. Drug and Alcohol Dependence, 2018, 189, 70-75.	3.2	9
72	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. Biological Psychiatry, 2018, 84, 644-654.	1.3	627

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73	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163.	7.1	299
74	Sensitivity and specificity of hypoactivations and failure of de-activation in schizophrenia. Schizophrenia Research, 2018, 201, 224-230.	2.0	6
75	Larger Gray Matter Volume in the Basal Ganglia of Heavy Cannabis Users Detected by Voxel-Based Morphometry and Subcortical Volumetric Analysis. Frontiers in Psychiatry, 2018, 9, 175.	2.6	28
76	A comparison of various MRI feature types for characterizing whole brain anatomical differences using linear pattern recognition methods. Neurolmage, 2018, 178, 753-768.	4.2	33
77	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. PLoS ONE, 2018, 13, e0191946.	2.5	20
78	Surface-based brain morphometry and diffusion tensor imaging in schizoaffective disorder. Australian and New Zealand Journal of Psychiatry, 2017, 51, 42-54.	2.3	11
79	Non redundant functional brain connectivity in schizophrenia. Brain Imaging and Behavior, 2017, 11, 552-564.	2.1	16
80	Eye movement desensitization and reprocessing therapy versus supportive therapy in affective relapse prevention in bipolar patients with a history of trauma: study protocol for a randomized controlled trial. Trials, 2017, 18, 160.	1.6	38
81	Differential failure to deactivate the default mode network in unipolar and bipolar depression. Bipolar Disorders, 2017, 19, 386-395.	1.9	40
82	Patterns of activation and de-activation associated with cue-guided spatial navigation: A whole-brain, voxel-based study. Neuroscience, 2017, 358, 70-78.	2.3	1
83	Spanish Validation of the Problem Behaviors Assessment–Short (PBA-s) for Huntington's Disease. Journal of Neuropsychiatry and Clinical Neurosciences, 2017, 29, 31-38.	1.8	8
84	Evaluation of machine learning algorithms and structural features for optimal MRI-based diagnostic prediction in psychosis. PLoS ONE, 2017, 12, e0175683.	2.5	79
85	Converging Medial Frontal Resting State and Diffusion-Based Abnormalities in Borderline Personality Disorder. Biological Psychiatry, 2016, 79, 107-116.	1.3	57
86	Letter to the Editor: Deep brain stimulation for schizophrenia. Journal of Neurosurgery, 2016, 125, 229-230.	1.6	8
87	Brain abnormalities in adults with Attention Deficit Hyperactivity Disorder revealed by voxel-based morphometry. Psychiatry Research - Neuroimaging, 2016, 254, 41-47.	1.8	35
88	Involvement of NRN1 gene in schizophrenia-spectrum and bipolar disorders and its impact on age at onset and cognitive functioning. World Journal of Biological Psychiatry, 2016, 17, 129-139.	2.6	18
89	Structural and functional brain changes in delusional disorder. British Journal of Psychiatry, 2016, 208, 153-159.	2.8	25
90	Clinical Improvement in a Treatment-Resistant Patient With Schizophrenia Treated With Deep Brain Stimulation. Biological Psychiatry, 2016, 80, e69-e70.	1.3	27

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91	Examining hippocampal function in schizophrenia using a virtual reality spatial navigation task. Schizophrenia Research, 2016, 172, 86-93.	2.0	17
92	Structural and Functional Brain Correlates of Cognitive Impairment in Euthymic Patients with Bipolar Disorder. PLoS ONE, 2016, 11, e0158867.	2.5	35
93	Brain functional changes across the different phases of bipolar disorder. British Journal of Psychiatry, 2015, 206, 136-144.	2.8	59
94	Midline Brain Abnormalities Across Psychotic and Mood Disorders. Schizophrenia Bulletin, 2015, 42, sbv097.	4.3	25
95	Prevalence of cavum vergae in psychosis and mood spectrum disorders. Journal of Affective Disorders, 2015, 186, 53-57.	4.1	5
96	Validation of the Spanish version of the Clinical Assessment for Negative Symptoms (CAINS). Schizophrenia Research, 2015, 166, 104-109.	2.0	50
97	Validity and reliability of the Spanish version of the diagnostic assessment for the severely handicapped (DASH-II). Research in Developmental Disabilities, 2015, 36, 537-542.	2.2	6
98	A Multisite, Randomized Controlled Clinical Trial of Computerized Cognitive Remediation Therapy for Schizophrenia. Schizophrenia Bulletin, 2015, 41, 1387-1396.	4.3	37
99	Transcultural adaption and validation of the Spanish version of the Bipolar Depression Rating Scale (BDRS-S). Journal of Affective Disorders, 2015, 172, 110-115.	4.1	9
100	Spherical Deconvolution of Multichannel Diffusion MRI Data with Non-Gaussian Noise Models and Spatial Regularization. PLoS ONE, 2015, 10, e0138910.	2.5	27
101	Anisotropic Kernels for Coordinate-Based Meta-Analyses of Neuroimaging Studies. Frontiers in Psychiatry, 2014, 5, 13.	2.6	286
102	Common and specific brain responses to scenic emotional stimuli. Brain Structure and Function, 2014, 219, 1463-1472.	2.3	27
103	Trait or state? A longitudinal neuropsychological evaluation and fMRI study in schizoaffective disorder. Schizophrenia Research, 2014, 159, 458-464.	2.0	9
104	Comparison of serum BDNF levels in deficit and nondeficit chronic schizophrenia and healthy controls. Psychiatry Research, 2014, 220, 197-200.	3.3	17
105	Structural Abnormalities in Bipolar Euthymia: A Multicontrast Molecular Diffusion Imaging Study. Biological Psychiatry, 2014, 76, 239-248.	1.3	61
106	Eye movement desensitization and reprocessing therapy in subsyndromal bipolar patients with a history of traumatic events: A randomized, controlled pilot-study. Psychiatry Research, 2014, 219, 122-128.	3.3	76
107	Validity of modulation and optimal settings for advanced voxel-based morphometry. NeuroImage, 2014, 86, 81-90.	4.2	96
108	Statistical analysis of brain tissue images in the wavelet domain: Wavelet-based morphometry. NeuroImage, 2013, 72, 214-226.	4.2	16

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109	Bipolar depressed patients show both failure to activate and failure to de-activate during performance of a working memory task. Journal of Affective Disorders, 2013, 148, 170-178.	4.1	77
110	EMDR Therapy Modulates the Default Mode Network in a Subsyndromal, Traumatized Bipolar Patient. Neuropsychobiology, 2013, 67, 181-184.	1.9	30
111	Structural brain changes associated with tardive dyskinesia in schizophrenia. British Journal of Psychiatry, 2013, 203, 51-57.	2.8	36
112	Failure of de-activation in the medial frontal cortex in mania: evidence for default mode network dysfunction in the disorder. World Journal of Biological Psychiatry, 2012, 13, 616-626.	2.6	53
113	Effect of the Interleukin- $1\hat{l}^2$ Gene on Dorsolateral Prefrontal Cortex Function in Schizophrenia: A Genetic Neuroimaging Study. Biological Psychiatry, 2012, 72, 758-765.	1.3	28
114	Lamotrigine: when and where does it act in affective disorders? A systematic review. Journal of Psychopharmacology, 2011, 25, 1289-1294.	4.0	29
115	Procedural Learning in Schizophrenia: Reconciling the Discrepant Findings. Biological Psychiatry, 2011, 69, 49-54.	1.3	22
116	Validation of the Word Accentuation Test (TAP) as a means of estimating premorbid IQ in Spanish speakers. Schizophrenia Research, 2011, 128, 175-176.	2.0	120
117	Predicting violence in psychiatric inpatients: a prospective study with the HCR-20 violence risk assessment scheme. Journal of Forensic Psychiatry and Psychology, 2011, 22, 203-222.	1.0	19
118	Neural correlates of cognitive impairment in schizophrenia. British Journal of Psychiatry, 2011, 199, 202-210.	2.8	40
119	ECT in a patient with Parkinson's disease and schizophrenia, with dopamine transporter visualisation using 123I-loflupane SPET. Journal of Neural Transmission, 2011, 118, 647-650.	2.8	8
120	Overall brain connectivity maps show corticoâ€subcortical abnormalities in schizophrenia. Human Brain Mapping, 2010, 31, 2003-2014.	3.6	122
121	Conditional Mutual Information Maps as Descriptors of Net Connectivity Levels in the Brain. Frontiers in Neuroinformatics, 2010, 4, 115.	2.5	35
122	Are There Valid Subtypes of Schizophrenia? A Grade of Membership Analysis. Psychopathology, 2010, 43, 53-62.	1.5	14
123	Individual Differences in Psychotic Effects of Ketamine Are Predicted by Brain Function Measured under Placebo. Journal of Neuroscience, 2008, 28, 6295-6303.	3.6	81
124	Changes in serum lipids, independent of weight, are associated with changes in symptoms during long-term clozapine treatment. Journal of Psychiatry and Neuroscience, 2007, 32, 331-8.	2.4	66
125	Probabilistic reasoning in schizophrenia: A comparison of the performance of deluded and nondeluded schizophrenic patients and exploration of possible cognitive underpinnings. Cognitive Neuropsychiatry, 2006, 11, 521-536.	1.3	80
126	The Effects of a Subpsychotic Dose of Ketamine on Recognition and Source Memory for Agency: Implications for Pharmacological Modelling of Core Symptoms of Schizophrenia. Neuropsychopharmacology, 2006, 31, 413-423.	5.4	36

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127	Clozapine Alone versus Clozapine and Risperidone with Refractory Schizophrenia. New England Journal of Medicine, 2006, 354, 472-482.	27.0	249
128	Frontal Responses During Learning Predict Vulnerability to the Psychotogenic Effects of Ketamine. Archives of General Psychiatry, 2006, 63, 611.	12.3	169
129	Impairment of specific episodic memory processes by sub-psychotic doses of ketamine: the effects of levels of processing at encoding and of the subsequent retrieval task. Psychopharmacology, 2005, 181, 445-457.	3.1	55
130	Functional dysconnectivity in schizophrenia associated with attentional modulation of motor function. Brain, 2005, 128, 2597-2611.	7.6	183
131	Heightened stimulus salience renders deluded schizophrenics less susceptible to the †famous names illusion'. Schizophrenia Research, 2005, 80, 369-371.	2.0	10
132	Modafinil Improves Cognition and Attentional Set Shifting in Patients with Chronic Schizophrenia. Neuropsychopharmacology, 2004, 29, 1363-1373.	5.4	254
133	Neural correlates of referential/persecutory delusions in schizophrenia: examination using fMRI and a virtual reality underground travel paradigm. Psychological Medicine, 0, , 1-8.	4.5	0