

# Vicente Molina

## List of Publications by Citations

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109  
papers

2,037  
citations

25  
h-index

38  
g-index

118  
ext. papers

2,324  
ext. citations

4  
avg. IF

4.31  
L-index

#	Paper	IF	Citations
109	Influence of the normalization template on the outcome of statistical parametric mapping of PET scans. <i>NeuroImage</i> , <b>2003</b> , 19, 601-12	7.9	113
108	Increase in gray matter and decrease in white matter volumes in the cortex during treatment with atypical neuroleptics in schizophrenia. <i>Schizophrenia Research</i> , <b>2005</b> , 80, 61-71	3.6	86
107	The Wisconsin Card Sorting Test and the assessment of frontal function: a validation study with event-related potentials. <i>Neuropsychologia</i> , <b>1997</b> , 35, 399-408	3.2	74
106	Anatomical and functional brain variables associated with clozapine response in treatment-resistant schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2003</b> , 124, 153-61	2.9	64
105	Cerebral metabolic changes induced by clozapine in schizophrenia and related to clinical improvement. <i>Psychopharmacology</i> , <b>2005</b> , 178, 17-26	4.7	58
104	N-acetyl-aspartate levels in the dorsolateral prefrontal cortex in the early years of schizophrenia are inversely related to disease duration. <i>Schizophrenia Research</i> , <b>2005</b> , 73, 209-19	3.6	51
103	Dorsolateral prefrontal N-acetyl-aspartate concentration in male patients with chronic schizophrenia and with chronic bipolar disorder. <i>European Psychiatry</i> , <b>2007</b> , 22, 505-12	6	49
102	Auditory P300 event related potential and serotonin reuptake inhibitor treatment in obsessive-compulsive disorder patients. <i>Psychiatry Research</i> , <b>2001</b> , 101, 75-81	9.9	47
101	Cerebral metabolic patterns in chronic and recent-onset schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2003</b> , 122, 125-35	2.9	42
100	Prefrontal atrophy in first episodes of schizophrenia associated with limbic metabolic hyperactivity. <i>Journal of Psychiatric Research</i> , <b>2005</b> , 39, 117-27	5.2	42
99	A comparative study of event-related coupling patterns during an auditory oddball task in schizophrenia. <i>Journal of Neural Engineering</i> , <b>2015</b> , 12, 016007	5	40
98	Gray matter deficits in bipolar disorder are associated with genetic variability at interleukin-1 beta gene (2q13). <i>Genes, Brain and Behavior</i> , <b>2008</b> , 7, 796-801	3.6	40
97	Ventricular enlargement in schizophrenia is associated with a genetic polymorphism at the interleukin-1 receptor antagonist gene. <i>NeuroImage</i> , <b>2005</b> , 27, 1002-6	7.9	39
96	Fronto-striato-thalamic perfusion and clozapine response in treatment-refractory schizophrenic patients. A 99mTc-HMPAO study. <i>Psychiatry Research - Neuroimaging</i> , <b>1997</b> , 76, 51-61	2.9	38
95	Lower prefrontal gray matter volume in schizophrenia in chronic but not in first episode schizophrenia patients. <i>Psychiatry Research - Neuroimaging</i> , <b>2004</b> , 131, 45-56	2.9	38
94	P300 amplitude as a possible correlate of frontal degeneration in schizophrenia. <i>Schizophrenia Research</i> , <b>2001</b> , 49, 121-8	3.6	38
93	Different gray matter patterns in chronic schizophrenia and chronic bipolar disorder patients identified using voxel-based morphometry. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2011</b> , 261, 313-22	5.1	36

92	Decreased spectral entropy modulation in patients with schizophrenia during a P300 task. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2014</b> , 264, 533-43	5.1	34
91	Subcortical and cortical gray matter differences between Kraepelinian and non-Kraepelinian schizophrenia patients identified using voxel-based morphometry. <i>Psychiatry Research - Neuroimaging</i> , <b>2010</b> , 184, 16-22	2.9	33
90	Cerebral metabolism and risperidone treatment in schizophrenia. <i>Schizophrenia Research</i> , <b>2003</b> , 60, 1-7	3.6	32
89	Randomized trial of clozapine vs. risperidone in treatment-naïve first-episode schizophrenia: results after one year. <i>Schizophrenia Research</i> , <b>2013</b> , 149, 156-61	3.6	31
88	Anatomical and functional cerebral variables associated with basal symptoms but not risperidone response in minimally treated schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2003</b> , 124, 163-75	2.9	30
87	Cerebral perfusion correlates of negative symptomatology and parkinsonism in a sample of treatment-refractory schizophrenics: an exploratory 99mTc-HMPAO SPET study. <i>Schizophrenia Research</i> , <b>1997</b> , 25, 11-20	3.6	29
86	Hypofrontality in men with first-episode psychosis. <i>British Journal of Psychiatry</i> , <b>2005</b> , 186, 203-8	5.4	28
85	Auditory P3a and P3b neural generators in schizophrenia: An adaptive sLORETA P300 localization approach. <i>Schizophrenia Research</i> , <b>2015</b> , 169, 318-325	3.6	26
84	Spatial distribution and cognitive correlates of gamma noise power in schizophrenia. <i>Psychological Medicine</i> , <b>2013</b> , 43, 1175-85	6.9	24
83	Differential clinical, structural and P300 parameters in schizophrenia patients resistant to conventional neuroleptics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2008</b> , 32, 257-66	5.5	24
82	Dorsolateral prefrontal and superior temporal volume deficits in first-episode psychoses that evolve into schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2006</b> , 256, 106-11	5.1	24
81	Multimodality image quantification using the Talairach grid <b>2001</b> ,		23
80	Functional EEG network analysis in schizophrenia: Evidence of larger segregation and deficit of modulation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2017</b> , 76, 116-123	5.5	22
79	Quantification of Graph Complexity Based on the Edge Weight Distribution Balance: Application to Brain Networks. <i>International Journal of Neural Systems</i> , <b>2018</b> , 28, 1750032	6.2	22
78	Neural Network Reorganization Analysis During an Auditory Oddball Task in Schizophrenia Using Wavelet Entropy. <i>Entropy</i> , <b>2015</b> , 17, 5241-5256	2.8	22
77	Association between cerebral metabolic and structural abnormalities and cognitive performance in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2009</b> , 173, 88-93	2.9	22
76	Exploring non-stationarity patterns in schizophrenia: neural reorganization abnormalities in the alpha band. <i>Journal of Neural Engineering</i> , <b>2017</b> , 14, 046001	5	21
75	Greater clinical and cognitive improvement with clozapine and risperidone associated with a thinner cortex at baseline in first-episode schizophrenia. <i>Schizophrenia Research</i> , <b>2014</b> , 158, 223-9	3.6	21

74	Elevated noise power in gamma band related to negative symptoms and memory deficit in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2012</b> , 38, 270-5	5.5	21
73	Effect of interleukin-1beta gene functional polymorphism on dorsolateral prefrontal cortex activity in schizophrenic patients. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2007</b> , 144B, 1090-3	3.5	21
72	Long-term olanzapine treatment and p300 parameters in schizophrenia. <i>Neuropsychobiology</i> , <b>2004</b> , 50, 182-8	4	21
71	Dorsolateral prefrontal cortex contribution to abnormalities of the P300 component of the event-related potential in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2005</b> , 140, 17-26	2.9	21
70	Alterations in prefrontal connectivity in schizophrenia assessed using diffusion magnetic resonance imaging. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2017</b> , 76, 107-115	5.5	20
69	Clozapine may partially compensate for task-related brain perfusion abnormalities in risperidone-resistant schizophrenia patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2008</b> , 32, 948-54	5.5	20
68	Association between relative temporal and prefrontal sulcal cerebrospinal fluid and illness duration in schizophrenia. <i>Schizophrenia Research</i> , <b>2002</b> , 58, 305-12	3.6	20
67	Relations between structural and EEG-based graph metrics in healthy controls and schizophrenia patients. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 3152-3165	5.9	19
66	Marked hypofrontality in clozapine-responsive patients. <i>Pharmacopsychiatry</i> , <b>2007</b> , 40, 157-62	2	19
65	Frontal gamma noise power and cognitive domains in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2014</b> , 221, 104-13	2.9	18
64	Optimized voxel brain morphometry: association between brain volumes and the response to atypical antipsychotics. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2011</b> , 261, 407-16	5.1	18
63	Decreased entropy modulation of EEG response to novelty and relevance in schizophrenia during a P300 task. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2015</b> , 265, 525-35	5.1	17
62	Direct association between orbitofrontal atrophy and the response of psychotic symptoms to olanzapine in schizophrenia. <i>International Clinical Psychopharmacology</i> , <b>2004</b> , 19, 221-8	2.2	17
61	Olanzapine-induced cerebral metabolic changes related to symptom improvement in schizophrenia. <i>International Clinical Psychopharmacology</i> , <b>2005</b> , 20, 13-8	2.2	17
60	Connectivity strength of the EEG functional network in schizophrenia and bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 98, 109801	5.5	17
59	Convergent evidence of the contribution of TP53 genetic variation (Pro72Arg) to metabolic activity and white matter volume in the frontal lobe in schizophrenia patients. <i>NeuroImage</i> , <b>2011</b> , 56, 45-51	7.9	16
58	Cerebral perfusion, electrical activity and effects of serotonergic treatment in obsessive-compulsive disorder. A preliminary study. <i>Neuropsychobiology</i> , <b>1995</b> , 32, 139-48	4	16
57	Gamma power and cognition in patients with schizophrenia and their first-degree relatives. <i>Neuropsychobiology</i> , <b>2014</b> , 69, 120-8	4	15

56	Chronic administration of risperidone to healthy rats: a behavioural and morphological study. <i>Behavioural Brain Research</i> , <b>2009</b> , 205, 488-98	3.4	15
55	Deficit of entropy modulation of the EEG in schizophrenia associated to cognitive performance and symptoms. A replication study. <i>Schizophrenia Research</i> , <b>2018</b> , 195, 334-342	3.6	15
54	Identification of two clusters within schizophrenia with different structural, functional and clinical characteristics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2016</b> , 64, 79-86	5.5	13
53	Contribution of baseline body mass index and leptin serum level to the prediction of early weight gain with atypical antipsychotics in schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , <b>2014</b> , 68, 127-32	6.2	13
52	Changes in cortical volume with olanzapine in chronic schizophrenia. <i>Pharmacopsychiatry</i> , <b>2007</b> , 40, 135-9		13
51	Deficits of entropy modulation in schizophrenia are predicted by functional connectivity strength in the theta band and structural clustering. <i>NeuroImage: Clinical</i> , <b>2018</b> , 18, 382-389	5.3	12
50	Correlation between prepulse inhibition and cortical perfusion during an attentional test in schizophrenia. A pilot study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2009</b> , 33, 53-61	5.5	12
49	Biochemical changes in the cingulum in patients with schizophrenia and chronic bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2008</b> , 258, 394-401	5.1	12
48	Voxel-based morphometry comparison between first episodes of psychosis with and without evolution to schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2010</b> , 181, 204-10	2.9	11
47	A 12-month, open-label, comparative study of quetiapine and risperidone in the acute and long-term treatment of schizophrenia. <i>International Clinical Psychopharmacology</i> , <b>2008</b> , 23, 138-49	2.2	11
46	Noise power associated with decreased task-induced variability of brain electrical activity in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2016</b> , 266, 55-61	5.1	10
45	No association between dorsolateral prefrontal gray matter deficit and N-acetyl aspartate ratios in schizophrenia. <i>Neuropsychobiology</i> , <b>2006</b> , 54, 171-8	4	9
44	Association between excessive frontal cerebrospinal fluid and illness duration in males but not in females with schizophrenia. <i>European Psychiatry</i> , <b>2005</b> , 20, 332-8	6	9
43	The Wisconsin Card Sorting Test and the assessment of frontal function in obsessive-compulsive patients: An event-related potential study. <i>Cognitive Neuropsychiatry</i> , <b>2001</b> , 6, 109-129	2	9
42	Biological and cognitive correlates of cortical curvature in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2017</b> , 270, 68-75	2.9	8
41	Structural correlates of cognitive deficit and elevated gamma noise power in schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , <b>2014</b> , 68, 206-15	6.2	8
40	Chronic administration of risperidone in a rat model of schizophrenia: a behavioural, morphological and molecular study. <i>Behavioural Brain Research</i> , <b>2013</b> , 242, 178-90	3.4	8
39	A proposal for reframing schizophrenia research. <i>Journal of Nervous and Mental Disease</i> , <b>2013</b> , 201, 744-52		8

38	An electrophysiological (ERP) component, the recognition potential, in the assessment of brain semantic networks in patients with schizophrenia. <i>Schizophrenia Research</i> , <b>2004</b> , 71, 393-404	3.6	8
37	Structural connectivity in schizophrenia and bipolar disorder: Effects of chronicity and antipsychotic treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 92, 369-377	5.5	8
36	Altered predictive capability of the brain network EEG model in schizophrenia during cognition. <i>Schizophrenia Research</i> , <b>2018</b> , 201, 120-129	3.6	8
35	Impulsivity among migraine patients: Study in a series of 155 cases. <i>Neurología</i> , <b>2016</b> , 31, 599-605	1.4	7
34	Limbic hyperactivity associated to verbal memory deficit in schizophrenia. <i>Journal of Psychiatric Research</i> , <b>2013</b> , 47, 843-50	5.2	7
33	No association between prepulse inhibition of the startle reflex and neuropsychological deficit in chronic schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2010</b> , 260, 609-15	5.1	7
32	Deficits of entropy modulation of the EEG: A biomarker for altered function in schizophrenia and bipolar disorder?. <i>Journal of Psychiatry and Neuroscience</i> , <b>2020</b> , 45, 322-333	4.5	7
31	Scalar diffusion-MRI measures invariant to acquisition parameters: A first step towards imaging biomarkers. <i>Magnetic Resonance Imaging</i> , <b>2018</b> , 54, 194-213	3.3	7
30	Parkinsonism is associated to fronto-caudate disconnectivity and cognition in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>2018</b> , 277, 1-6	2.9	7
29	Identificación of MRI-based psychosis subtypes: Replication and refinement. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 100, 109907	5.5	6
28	Elevated midline-parietal gamma band noise power in schizophrenia but not in bipolar patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2016</b> , 266, 743-753	5.1	6
27	Association between electroencephalographic modulation, psychotic-like experiences and cognitive performance in the general population. <i>Psychiatry and Clinical Neurosciences</i> , <b>2016</b> , 70, 286-294	6.2	5
26	Cognitive outcome and gamma noise power unrelated to neuregulin 1 and 3 variation in schizophrenia. <i>Annals of General Psychiatry</i> , <b>2014</b> , 13, 18	3.4	5
25	Multimodal neuroimaging studies and neurodevelopment and neurodegeneration hypotheses of schizophrenia. <i>Neurotoxicity Research</i> , <b>2002</b> , 4, 437-451	4.3	5
24	Topography of activation deficits in schizophrenia during P300 task related to cognition and structural connectivity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2019</b> , 269, 419-428	5.1	5
23	Modulation of brain network parameters associated with subclinical psychotic symptoms. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2016</b> , 66, 54-62	5.5	4
22	Prepulse inhibition of the startle reflex in schizophrenia remains stable with short-term quetiapine. <i>European Psychiatry</i> , <b>2011</b> , 26, 271-5	6	4
21	Effect of the normalization template in statistical parametric mapping of PET scans		4

20	Variation at NRG1 genotype related to modulation of small-world properties of the functional cortical network. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2017</b> , 267, 25-32	5.1	3
19	Tineptine: Why has not been classified as a narcotic in Spain?. <i>Revista De Psiquiatría Y Salud Mental</i> , <b>2016</b> , 9, 176-7	2.7	3
18	Analysis of KCNH2 and CACNA1C schizophrenia risk genes on EEG functional network modulation during an auditory odd-ball task. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2020</b> , 270, 433-442	5.1	3
17	Neurobiological underpinnings of cognitive subtypes in psychoses: A cross-diagnostic cluster analysis. <i>Schizophrenia Research</i> , <b>2021</b> , 229, 102-111	3.6	3
16	Early neglect associated to prefrontal structural disconnectivity in schizophrenia. <i>Schizophrenia Research</i> , <b>2018</b> , 192, 487-488	3.6	2
15	Novel measure of the weigh distribution balance on the brain network: graph complexity applied to schizophrenia. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2016</b> , 2016, 700-700	0.9	2
14	Relationship between subclinical psychotic symptoms and cognitive performance in the general population. <i>Revista De Psiquiatría Y Salud Mental (English Edition)</i> , <b>2016</b> , 9, 78-86	0.2	2
13	Social cognition in psychosis: Predictors and effects of META-cognitive training. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 94, 109672	5.5	1
12	Funci3n ejecutiva, lenguaje pragm3tico y perfiles psicopatol3gicos seg3n la CBCL en ni3os con trastornos del neurodesarrollo y antecedentes familiares de esquizofrenia. <i>Revista De Psiquiatría Infanto-Juvenil</i> , <b>2020</b> , 37, 5-16	0.4	1
11	Search for schizophrenia and bipolar biotypes using functional network properties. <i>Brain and Behavior</i> , <b>2021</b> , e2415	3.4	1
10	Altered gamma band noise power in schizophrenia and bipolar patients during a cognitive task. <i>European Journal of Psychiatry</i> , <b>2020</b> ,	1	1
9	Abnormal self-experiences related to a hypersynchronous brain state in schizophrenia. <i>Schizophrenia Research</i> , <b>2020</b> , 222, 538-540	3.6	1
8	Anomalous self-experiences are related to general cognition deficits in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2021</b> , 271, 707-712	5.1	1
7	Event-related potentials associated to N-back test performance in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 111, 110347	5.5	1
6	Default mode network components and its relationship with anomalous self-experiences in schizophrenia: A rs-fMRI exploratory study. <i>Psychiatry Research - Neuroimaging</i> , <b>2022</b> , 324, 111495	2.9	0
5	B3queda de fenotipos basados en el rendimiento cognitivo en el Trastorno del espectro autista. <i>Revista De Psiquiatría Infanto-Juvenil</i> , <b>2021</b> , 38, 24-32	0.4	
4	Asociaci3n entre mayor cantidad de l3quido cefalorraqu3deo frontal y duraci3n de la enfermedad en varones pero no en mujeres con esquizofrenia. <i>European Psychiatry (Ed Espa3ola)</i> , <b>2005</b> , 12, 439-445		
3	El estudio de las funciones cognitivas superiores mediante cartografi3n el3ctrica cerebral computadorizada: criterios de rigor t3cnico y metodol3gico. <i>Estudios De Psicología</i> , <b>1996</b> , 17, 27-44	1.1	

- 2 Analysis of the functional EEG network in an Ecuadorian schizophrenia sample. *European Journal of Psychiatry*, **2021**, 35, 216-216 1
- 1 Relation between EEG resting-state power and modulation of P300 task-related activity in theta band in schizophrenia.. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2022**, 110541 55