

Vicente Molina

List of Publications by Year in descending order

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113
papers

2,573
citations

172457

29
h-index

254184

43
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118
all docs

118
docs citations

118
times ranked

3122
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the normalization template on the outcome of statistical parametric mapping of PET scans. <i>NeuroImage</i> , 2003, 19, 601-612.	4.2	125
2	Increase in gray matter and decrease in white matter volumes in the cortex during treatment with atypical neuroleptics in schizophrenia. <i>Schizophrenia Research</i> , 2005, 80, 61-71.	2.0	99
3	The Wisconsin Card Sorting Test and the assessment of frontal function: A validation study with event-related potentials. <i>Neuropsychologia</i> , 1997, 35, 399-408.	1.6	86
4	Anatomical and functional brain variables associated with clozapine response in treatment-resistant schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2003, 124, 153-161.	1.8	70
5	Cerebral metabolic changes induced by clozapine in schizophrenia and related to clinical improvement. <i>Psychopharmacology</i> , 2005, 178, 17-26.	3.1	65
6	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> , 2005, 73, 209-219.	2.0	58
7	Auditory P300 event related potential and serotonin reuptake inhibitor treatment in obsessive-compulsive disorder patients. <i>Psychiatry Research</i> , 2001, 101, 75-81.	3.3	57
8	Dorsolateral prefrontal ¹⁸ F-acetyl-aspartate concentration in male patients with chronic schizophrenia and with chronic bipolar disorder. <i>European Psychiatry</i> , 2007, 22, 505-512.	0.2	56
9	Gray matter deficits in bipolar disorder are associated with genetic variability at interleukin-1 beta gene (2q13). <i>Genes, Brain and Behavior</i> , 2008, 7, 796-801.	2.2	54
10	Cerebral metabolic patterns in chronic and recent-onset schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2003, 122, 125-135.	1.8	53
11	Fronto-striato-thalamic perfusion and clozapine response in treatment-refractory schizophrenic patients. A99mTc-HMPAO study. <i>Psychiatry Research - Neuroimaging</i> , 1997, 76, 51-61.	1.8	51
12	Prefrontal atrophy in first episodes of schizophrenia associated with limbic metabolic hyperactivity. <i>Journal of Psychiatric Research</i> , 2005, 39, 117-127.	3.1	49
13	A comparative study of event-related coupling patterns during an auditory oddball task in schizophrenia. <i>Journal of Neural Engineering</i> , 2015, 12, 016007.	3.5	49
14	Ventricular enlargement in schizophrenia is associated with a genetic polymorphism at the interleukin-1 receptor antagonist gene. <i>NeuroImage</i> , 2005, 27, 1002-1006.	4.2	46
15	Lower prefrontal gray matter volume in schizophrenia in chronic but not in first episode schizophrenia patients. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 45-56.	1.8	42
16	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> , 2011, 261, 313-322.	3.2	42
17	Cerebral metabolism and risperidone treatment in schizophrenia. <i>Schizophrenia Research</i> , 2003, 60, 1-7.	2.0	41
18	Decreased spectral entropy modulation in patients with schizophrenia during a P300 task. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2014, 264, 533-543.	3.2	41

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19	P300 amplitude as a possible correlate of frontal degeneration in schizophrenia. <i>Schizophrenia Research</i> , 2001, 49, 121-128.	2.0	40
20	Auditory P3a and P3b neural generators in schizophrenia: An adaptive sLORETA P300 localization approach. <i>Schizophrenia Research</i> , 2015, 169, 318-325.	2.0	37
21	Cerebral Perfusion, Electrical Activity and Effects of Serotonergic Treatment in Obsessive-Compulsive Disorder. <i>Neuropsychobiology</i> , 1995, 32, 139-148.	1.9	36
22	Functional EEG network analysis in schizophrenia: Evidence of larger segregation and deficit of modulation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 116-123.	4.8	36
23	Anatomical and functional cerebral variables associated with basal symptoms but not risperidone response in minimally treated schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2003, 124, 163-175.	1.8	34
24	Hypofrontality in men with first-episode psychosis. <i>British Journal of Psychiatry</i> , 2005, 186, 203-208.	2.8	34
25	Subcortical and cortical gray matter differences between Kraepelinian and non-Kraepelinian schizophrenia patients identified using voxel-based morphometry. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 16-22.	1.8	34
26	Neural Network Reorganization Analysis During an Auditory Oddball Task in Schizophrenia Using Wavelet Entropy. <i>Entropy</i> , 2015, 17, 5241-5256.	2.2	34
27	Quantification of Graph Complexity Based on the Edge Weight Distribution Balance: Application to Brain Networks. <i>International Journal of Neural Systems</i> , 2018, 28, 1750032.	5.2	34
28	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> , 1997, 25, 11-20.	2.0	33
29	Randomized trial of clozapine vs. risperidone in treatment-naïve first-episode schizophrenia: Results after one year. <i>Schizophrenia Research</i> , 2013, 149, 156-161.	2.0	33
30	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> , 2015, 265, 525-535.	3.2	31
31	Differential clinical, structural and P300 parameters in schizophrenia patients resistant to conventional neuroleptics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 257-266.	4.8	29
32	Exploring non-stationarity patterns in schizophrenia: neural reorganization abnormalities in the alpha band. <i>Journal of Neural Engineering</i> , 2017, 14, 046001.	3.5	29
33	<title>Multimodality image quantification using the Talairach grid</title>. , 2001, , .		28
34	Effect of interleukin-1 β gene functional polymorphism on dorsolateral prefrontal cortex activity in schizophrenic patients. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 1090-1093.	1.7	28
35	Relations between structural and EEG-based graph metrics in healthy controls and schizophrenia patients. <i>Human Brain Mapping</i> , 2018, 39, 3152-3165.	3.6	28
36	Connectivity strength of the EEG functional network in schizophrenia and bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109801.	4.8	28

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37	Association between cerebral metabolic and structural abnormalities and cognitive performance in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2009, 173, 88-93.	1.8	27
38	Marked Hypofrontality in Clozapine-responsive Patients. <i>Pharmacopsychiatry</i> , 2007, 40, 157-162.	3.3	26
39	Deficits of entropy modulation in schizophrenia are predicted by functional connectivity strength in the theta band and structural clustering. <i>NeuroImage: Clinical</i> , 2018, 18, 382-389.	2.7	26
40	Dorsolateral prefrontal and superior temporal volume deficits in first-episode psychoses that evolve into schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2006, 256, 106-111.	3.2	25
41	Spatial distribution and cognitive correlates of gamma noise power in schizophrenia. <i>Psychological Medicine</i> , 2013, 43, 1175-1185.	4.5	25
42	Greater clinical and cognitive improvement with clozapine and risperidone associated with a thinner cortex at baseline in first-episode schizophrenia. <i>Schizophrenia Research</i> , 2014, 158, 223-229.	2.0	25
43	Long-Term Olanzapine Treatment and P300 Parameters in Schizophrenia. <i>Neuropsychobiology</i> , 2004, 50, 182-188.	1.9	24
44	Dorsolateral prefrontal cortex contribution to abnormalities of the P300 component of the event-related potential in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2005, 140, 17-26.	1.8	24
45	Optimized voxel brain morphometry: association between brain volumes and the response to atypical antipsychotics. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2011, 261, 407-416.	3.2	24
46	Altered predictive capability of the brain network EEG model in schizophrenia during cognition. <i>Schizophrenia Research</i> , 2018, 201, 120-129.	2.0	24
47	Clozapine may partially compensate for task-related brain perfusion abnormalities in risperidone-resistant schizophrenia patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 948-954.	4.8	23
48	Identification of two clusters within schizophrenia with different structural, functional and clinical characteristics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 79-86.	4.8	23
49	Elevated noise power in gamma band related to negative symptoms and memory deficit in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 38, 270-275.	4.8	22
50	Alterations in prefrontal connectivity in schizophrenia assessed using diffusion magnetic resonance imaging. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 107-115.	4.8	22
51	Association between relative temporal and prefrontal sulcal cerebrospinal fluid and illness duration in schizophrenia. <i>Schizophrenia Research</i> , 2002, 58, 305-312.	2.0	21
52	Olanzapine-induced cerebral metabolic changes related to symptom improvement in schizophrenia. <i>International Clinical Psychopharmacology</i> , 2005, 20, 13-18.	1.7	21
53	Frontal gamma noise power and cognitive domains in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 104-113.	1.8	20
54	Deficit of entropy modulation of the EEG in schizophrenia associated to cognitive performance and symptoms. A replication study. <i>Schizophrenia Research</i> , 2018, 195, 334-342.	2.0	20

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55	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> , 2011, 56, 45-51.	4.2	19
56	Direct association between orbitofrontal atrophy and the response of psychotic symptoms to olanzapine in schizophrenia. <i>International Clinical Psychopharmacology</i> , 2004, 19, 221-228.	1.7	18
57	Biochemical changes in the cingulum in patients with schizophrenia and chronic bipolar disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 394-401.	3.2	17
58	Gamma Power and Cognition in Patients with Schizophrenia and Their First-Degree Relatives. <i>Neuropsychobiology</i> , 2014, 69, 120-128.	1.9	17
59	Changes in Cortical Volume with Olanzapine in Chronic Schizophrenia. <i>Pharmacopsychiatry</i> , 2007, 40, 135-139.	3.3	15
60	Chronic administration of risperidone to healthy rats: A behavioural and morphological study. <i>Behavioural Brain Research</i> , 2009, 205, 488-498.	2.2	15
61	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> , 2014, 68, 127-132.	1.8	15
62	Noise power associated with decreased task-induced variability of brain electrical activity in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 55-61.	3.2	15
63	Identificación de MRI-based psychosis subtypes: Replication and refinement. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109907.	4.8	15
64	Deficits of entropy modulation of the EEG: A biomarker for altered function in schizophrenia and bipolar disorder?. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 322-333.	2.4	15
65	Correlation between prepulse inhibition and cortical perfusion during an attentional test in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 53-61.	4.8	13
66	Parkinsonism is associated to fronto-caudate disconnectivity and cognition in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2018, 277, 1-6.	1.8	13
67	Neurobiological underpinnings of cognitive subtypes in psychoses: A cross-diagnostic cluster analysis. <i>Schizophrenia Research</i> , 2021, 229, 102-111.	2.0	13
68	Voxel-based morphometry comparison between first episodes of psychosis with and without evolution to schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2010, 181, 204-210.	1.8	12
69	Biological and cognitive correlates of cortical curvature in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2017, 270, 68-75.	1.8	12
70	Structural connectivity in schizophrenia and bipolar disorder: Effects of chronicity and antipsychotic treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 369-377.	4.8	12
71	The Wisconsin Card Sorting Test and the assessment of frontal function in obsessive-compulsive patients: An event-related potential study. <i>Cognitive Neuropsychiatry</i> , 2001, 6, 109-129.	1.3	11
72	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> , 2008, 23, 138-149.	1.7	11

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73	No Association between Dorsolateral Prefrontal Gray Matter Deficit and N-Acetyl Aspartate Ratios in Schizophrenia. <i>Neuropsychobiology</i> , 2006, 54, 171-178.	1.9	10
74	Structural correlates of cognitive deficit and elevated gamma noise power in schizophrenia. <i>Psychiatry and Clinical Neurosciences</i> , 2014, 68, 206-215.	1.8	10
75	Impulsividad en pacientes migrañosos: estudio en una serie de 155 casos. <i>Neurología</i> , 2016, 31, 599-605.	0.7	10
76	Association between excessive frontal cerebrospinal fluid and illness duration in males but not in females with schizophrenia. <i>European Psychiatry</i> , 2005, 20, 332-338.	0.2	9
77	No association between prepulse inhibition of the startle reflex and neuropsychological deficit in chronic schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 609-615.	3.2	9
78	Chronic administration of risperidone in a rat model of schizophrenia: A behavioural, morphological and molecular study. <i>Behavioural Brain Research</i> , 2013, 242, 178-190.	2.2	9
79	A Proposal for Reframing Schizophrenia Research. <i>Journal of Nervous and Mental Disease</i> , 2013, 201, 744-752.	1.0	9
80	Elevated midline-parietal gamma band noise power in schizophrenia but not in bipolar patients. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 743-753.	3.2	9
81	Association between electroencephalographic modulation, psychotic-like experiences and cognitive performance in the general population. <i>Psychiatry and Clinical Neurosciences</i> , 2016, 70, 286-294.	1.8	9
82	Scalar diffusion-MRI measures invariant to acquisition parameters: A first step towards imaging biomarkers. <i>Magnetic Resonance Imaging</i> , 2018, 54, 194-213.	1.8	9
83	An electrophysiological (ERP) component, the recognition potential, in the assessment of brain semantic networks in patients with schizophrenia. <i>Schizophrenia Research</i> , 2004, 71, 393-404.	2.0	8
84	Topography of activation deficits in schizophrenia during P300 task related to cognition and structural connectivity. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2019, 269, 419-428.	3.2	8
85	Default mode network components and its relationship with anomalous self-experiences in schizophrenia: A rs-fMRI exploratory study. <i>Psychiatry Research - Neuroimaging</i> , 2022, 324, 111495.	1.8	8
86	Limbic hyperactivity associated to verbal memory deficit in schizophrenia. <i>Journal of Psychiatric Research</i> , 2013, 47, 843-850.	3.1	7
87	Anomalous self-experiences are related to general cognition deficits in schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 707-712.	3.2	7
88	Prepulse inhibition of the startle reflex in schizophrenia remains stable with short-term quetiapine. <i>European Psychiatry</i> , 2011, 26, 271-275.	0.2	6
89	Early neglect associated to prefrontal structural disconnectivity in schizophrenia. <i>Schizophrenia Research</i> , 2018, 192, 487-488.	2.0	6
90	Multimodal neuroimaging studies and neurodevelopment and neurodegeneration hypotheses of schizophrenia. <i>Neurotoxicity Research</i> , 2002, 4, 437-451.	2.7	5

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91	Cognitive outcome and gamma noise power unrelated to neuregulin 1 and 3 variation in schizophrenia. <i>Annals of General Psychiatry</i> , 2014, 13, 18.	2.7	5
92	Tianeptina: ¿por qué en España no ha sido catalogada como estupefaciente?. <i>Revista De Psiquiatría Y Salud Mental</i> , 2016, 9, 176-177.	1.8	5
93	Modulation of brain network parameters associated with subclinical psychotic symptoms. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 66, 54-62.	4.8	5
94	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> , 2020, 270, 433-442.	3.2	5
95	Effect of the normalization template in statistical parametric mapping of PET scans. , 0, , .		4
96	Relationship between subclinical psychotic symptoms and cognitive performance in the general population. <i>Revista De Psiquiatría Y Salud Mental (English Edition)</i> , 2016, 9, 78-86.	0.3	4
97	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> , 2017, 267, 25-32.	3.2	4
98	Altered gamma band noise power in schizophrenia and bipolar patients during a cognitive task. <i>European Journal of Psychiatry</i> , 2020, , .	1.3	4
99	Novel measure of the weigh distribution balance on the brain network: Graph complexity applied to schizophrenia. , 2016, 2016, 700-703.		3
100	Event-related potentials associated to N-back test performance in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110347.	4.8	3
101	Search for schizophrenia and bipolar biotypes using functional network properties. <i>Brain and Behavior</i> , 2021, , e2415.	2.2	3
102	Schizophrenia induces abnormal frequency-dependent patterns of dynamic brain network reconfiguration during an auditory oddball task. <i>Journal of Neural Engineering</i> , 2022, 19, 016033.	3.5	3
103	Relation between EEG resting-state power and modulation of P300 task-related activity in theta band in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 116, 110541.	4.8	3
104	Social cognition in psychosis: Predictors and effects of META-cognitive training. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109672.	4.8	2
105	Abnormal self-experiences related to a hypersynchronous brain state in schizophrenia. <i>Schizophrenia Research</i> , 2020, 222, 538-540.	2.0	2
106	El estudio de las funciones cognitivas superiores mediante cartografía eléctrica cerebral computarizada: criterios de rigor técnico y metodológico. <i>Estudios De Psicología</i> , 1996, 17, 27-44.	0.3	2
107	Función ejecutiva, lenguaje pragmático y perfiles psicopatológicos según la CBCL en niños con trastornos del neurodesarrollo y antecedentes familiares de esquizofrenia. <i>Revista De Psiquiatría Infanto-Juvenil</i> , 2020, 37, 5-16.	0.3	2
108	Graph-Theoretical Analysis in Schizophrenia Performing an Auditory Oddball Task. <i>IFMBE Proceedings</i> , 2014, , 799-802.	0.3	1

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109	Editorial: New Developments With Magneto-electrical Techniques in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2021, 12, 733033.	2.6	0
110	Analysis of the functional EEG network in an Ecuadorian schizophrenia sample. <i>European Journal of Psychiatry</i> , 2021, 35, 216-216.	1.3	0
111	Asociación entre mayor cantidad de líquido cefalorraquídeo frontal y duración de la enfermedad en varones pero no en mujeres con esquizofrenia. <i>European Psychiatry (Ed Española)</i> , 2005, 12, 439-445.	0.0	0
112	Structural effects of atypical antipsychotics: Implications for the meaning of cortical volume deficit in schizophrenia. <i>European Journal of Psychiatry</i> , 2005, 19, .	1.3	0
113	Búsqueda de fenotipos basados en el rendimiento cognitivo en el Trastorno del espectro autista. <i>Revista De Psiquiatría Infanto-Juvenil</i> , 2021, 38, 24-32.	0.3	0