

# Elisabet Vilella

## List of Publications by Year in descending order

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108  
papers

3,968  
citations

159585

30  
h-index

155660

55  
g-index

110  
all docs

110  
docs citations

110  
times ranked

5531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	27.8	929
2	Differential Association of Circadian Genes with Mood Disorders: CRY1 and NPAS2 are Associated with Unipolar Major Depression and CLOCK and VIP with Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2010, 35, 1279-1289.	5.4	310
3	Behavioral deficits in the cuprizone-induced murine model of demyelination/remyelination. <i>Toxicology Letters</i> , 2007, 169, 205-213.	0.8	171
4	Increased serum interleukin-6 levels in early stages of psychosis: Associations with at-risk mental states and the severity of psychotic symptoms. <i>Psychoneuroendocrinology</i> , 2014, 41, 23-32.	2.7	142
5	Autism-specific copy number variants further implicate the phosphatidylinositol signaling pathway and the glutamatergic synapse in the etiology of the disorder. <i>Human Molecular Genetics</i> , 2009, 18, 1795-1804.	2.9	102
6	Identification of new putative susceptibility genes for several psychiatric disorders by association analysis of regulatory and non-synonymous SNPs of 306 genes involved in neurotransmission and neurodevelopment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 808-816.	1.7	98
7	Stress biomarkers as predictors of transition to psychosis in at-risk mental states: Roles for cortisol, prolactin and albumin. <i>Journal of Psychiatric Research</i> , 2015, 60, 163-169.	3.1	89
8	Association of schizophrenia with DTNBP1 but not with DAO, DAOA, NRG1 and RGS4 nor their genetic interaction. <i>Journal of Psychiatric Research</i> , 2008, 42, 278-288.	3.1	80
9	Association Study of Nonsynonymous Single Nucleotide Polymorphisms in Schizophrenia. <i>Biological Psychiatry</i> , 2012, 71, 169-177.	1.3	78
10	Analysis of two language-related genes in autism. <i>Psychiatric Genetics</i> , 2013, 23, 82-85.	1.1	78
11	Association study of 44 candidate genes with depressive and anxiety symptoms in post-partum women. <i>Journal of Psychiatric Research</i> , 2010, 44, 717-724.	3.1	69
12	An association between plasma ferritin concentrations measured 48h after delivery and postpartum depression. <i>Journal of Affective Disorders</i> , 2011, 131, 136-142.	4.1	69
13	Diez años de investigación traslacional colaborativa en enfermedades mentales: el CIBERSAM. <i>Revista De Psiquiatría Y Salud Mental</i> , 2019, 12, 1-8.	1.8	68
14	Diet and lifestyle are associated with serum C-reactive protein concentrations in a population-based study. <i>Translational Research</i> , 2005, 145, 41-46.	2.3	63
15	New variants in the mitochondrial genomes of schizophrenic patients. <i>European Journal of Human Genetics</i> , 2006, 14, 520-528.	2.8	62
16	Genetic variation in APOE cluster region and Alzheimer's disease risk. <i>Neurobiology of Aging</i> , 2011, 32, 2107.e7-2107.e17.	3.1	59
17	Thyroid function 48h after delivery as a marker for subsequent postpartum depression. <i>Psychoneuroendocrinology</i> , 2010, 35, 738-742.	2.7	49
18	Genetic and clinical evidence of mitochondrial dysfunction in autism spectrum disorder and intellectual disability. <i>Human Molecular Genetics</i> , 2018, 27, 891-900.	2.9	44

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19	Delirium diagnosis defined by cluster analysis of symptoms versus diagnosis by DSM and ICD criteria: diagnostic accuracy study. <i>BMC Psychiatry</i> , 2016, 16, 167.	2.6	42
20	Unhealthy lifestyle in early psychoses: The role of life stress and the hypothalamicâ€“pituitaryâ€“adrenal axis. <i>Psychoneuroendocrinology</i> , 2014, 39, 1-10.	2.7	41
21	Association study of six candidate genes asymmetrically expressed in the two cerebral hemispheres suggests the involvement of BAIAP2 in autism. <i>Journal of Psychiatric Research</i> , 2011, 45, 280-282.	3.1	40
22	Mitochondrial DNA (mtDNA) in brain samples from patients with major psychiatric disorders: Gene expression profiles, MtDNA content and presence of the MtDNA common deletion. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013, 162, 213-223.	1.7	40
23	A free radicalâ€“generating system induces the cholesterol biosynthesis pathway: a role in Alzheimer's disease. <i>Aging Cell</i> , 2009, 8, 128-139.	6.7	36
24	IGF-I gene variability is associated with an increased risk for AD. <i>Neurobiology of Aging</i> , 2011, 32, 556.e3-556.e11.	3.1	36
25	Neurotransmitter systems and neurotrophic factors in autism: association study of 37 genes suggests involvement of DDC. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 516-527.	2.6	36
26	Resequencing and association analysis of arylalkylamine N-acetyltransferase (AANAT) gene and its contribution to major depression susceptibility. <i>Journal of Pineal Research</i> , 2010, 49, no-no.	7.4	35
27	Expression of the tyrosine kinase discoidin domain receptor 1 (DDR1) in human central nervous system myelin. <i>Brain Research</i> , 2010, 1336, 22-29.	2.2	33
28	Mutations affecting synaptic levels of neurexin-1 $\beta$ in autism and mental retardation. <i>Neurobiology of Disease</i> , 2012, 47, 135-143.	4.4	33
29	Increased Prolactin Levels Are Associated with Impaired Processing Speed in Subjects with Early Psychosis. <i>PLoS ONE</i> , 2014, 9, e89428.	2.5	33
30	Further evidence that hyperhomocysteinemia and methylenetetrahydrofolate reductase C677T and A1289C polymorphisms are not risk factors for schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005, 29, 1169-1174.	4.8	31
31	Changes in prolactin levels and sexual function in young psychotic patients after switching from long-acting injectable risperidone to paliperidone palmitate. <i>International Clinical Psychopharmacology</i> , 2013, 28, 46-49.	1.7	31
32	Performance of the Delirium Rating Scale-Revised-98 Against Different Delirium Diagnostic Criteria in a Population With a High Prevalence of Dementia. <i>Psychosomatics</i> , 2015, 56, 530-541.	2.5	27
33	Coping strategies for postpartum depression: a multi-centric study of 1626 women. <i>Archives of Women's Mental Health</i> , 2016, 19, 455-461.	2.6	26
34	Longitudinal Relationships Between Depressive Symptom Severity and Phone-Measured Mobility: Dynamic Structural Equation Modeling Study. <i>JMIR Mental Health</i> , 2022, 9, e34898.	3.3	26
35	PLA2G3, a Gene Involved in Oxidative Stress Induced Death, is Associated with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 22, 1181-1187.	2.6	25
36	No evidence that major mtDNA European haplogroups confer risk to schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 414-421.	1.7	25

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37	Expression of DDR1 in the CNS and in myelinating oligodendrocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 118483.	4.1	24
38	Analyses of variants located in estrogen metabolism genes (ESR1, ESR2, COMT and APOE) and schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 308-315.	2.0	23
39	New Evidence for the Involvement of Mitochondrial Inheritance in Schizophrenia. <i>Journal of Clinical Psychiatry</i> , 2012, 73, 684-690.	2.2	23
40	Plasma protein abnormalities in nephrotic syndrome: effect on plasma colloid osmotic pressure and viscosity. <i>Clinical Chemistry</i> , 1997, 43, 1223-1231.	3.2	22
41	Free thyroxine levels are associated with cognitive abilities in subjects with early psychosis. <i>Schizophrenia Research</i> , 2015, 166, 37-42.	2.0	21
42	Subsyndromal delirium compared with delirium, dementia, and subjects without delirium or dementia in elderly general hospital admissions and nursing home residents. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 7, 1-10.	2.4	21
43	High Incidence of Copy Number Variants in Adults with Intellectual Disability and Co-morbid Psychiatric Disorders. <i>Behavior Genetics</i> , 2018, 48, 323-336.	2.1	21
44	Increased levels of serum leptin in the early stages of psychosis. <i>Journal of Psychiatric Research</i> , 2019, 111, 24-29.	3.1	21
45	Discoidin Domain Receptor 1, a Tyrosine Kinase Receptor, is Upregulated in an Experimental Model of Remyelination and During Oligodendrocyte Differentiation In Vitro. <i>Journal of Molecular Neuroscience</i> , 2009, 38, 2-11.	2.3	20
46	RT-qPCR study on post-mortem brain samples from patients with major psychiatric disorders: Reference genes and specimen characteristics. <i>Journal of Psychiatric Research</i> , 2011, 45, 1411-1418.	3.1	20
47	The Discoidin domain receptor 1 gene has a functional A2RE sequence. <i>Journal of Neurochemistry</i> , 2012, 120, 408-418.	3.9	20
48	A Non-Interventional Naturalistic Study of the Prescription Patterns of Antipsychotics in Patients with Schizophrenia from the Spanish Province of Tarragona. <i>PLoS ONE</i> , 2015, 10, e0139403.	2.5	20
49	Methylenetetrahydrofolate reductase (MTHFR) C677T and A1298C polymorphisms and age of onset in schizophrenia: A combined analysis of independent samples. , 2011, 156, 215-224.		19
50	Personality dimensions of schizophrenia patients compared to control subjects by gender and the relationship with illness severity. <i>BMC Psychiatry</i> , 2014, 14, 151.	2.6	19
51	Association between anti-thyroid antibodies and negative symptoms in early psychosis. <i>Microbial Biotechnology</i> , 2020, 14, 470-475.	1.7	19
52	The revised Temperament and Character Inventory: normative data by sex and age from a Spanish normal randomized sample. <i>PeerJ</i> , 2015, 3, e1481.	2.0	18
53	Pharmacogenetic study of the effects of raloxifene on negative symptoms of postmenopausal women with schizophrenia: A double-blind, randomized, placebo-controlled trial. <i>European Neuropsychopharmacology</i> , 2016, 26, 1683-1689.	0.7	18
54	Discoidin domain receptor 1 gene variants are associated with decreased white matter fractional anisotropy and decreased processing speed in schizophrenia. <i>Journal of Psychiatric Research</i> , 2019, 110, 74-82.	3.1	18

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55	The Role of Sleep Quality, Trait Anxiety and Hypothalamic-Pituitary-Adrenal Axis Measures in Cognitive Abilities of Healthy Individuals. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7600.	2.6	18
56	Hypothalamic-pituitary-adrenal axis measures and cognitive abilities in early psychosis: Are there sex differences?. <i>Psychoneuroendocrinology</i> , 2016, 72, 54-62.	2.7	17
57	Reply to Bandelt et al. <i>European Journal of Human Genetics</i> , 2007, 15, 402-404.	2.8	16
58	Improvement in cognitive biases after group psychoeducation and metacognitive training in recent-onset psychosis: A randomized crossover clinical trial. <i>Psychiatry Research</i> , 2018, 270, 720-723.	3.3	16
59	The shared genetic architecture of schizophrenia, bipolar disorder and lifespan. <i>Human Genetics</i> , 2021, 140, 441-455.	3.8	16
60	Polygenic contribution to the relationship of loneliness and social isolation with schizophrenia. <i>Nature Communications</i> , 2022, 13, 51.	12.8	16
61	A common haplotype of DRD3 affected by recent positive selection is associated with protection from schizophrenia. <i>Human Genetics</i> , 2009, 124, 607-613.	3.8	15
62	Increased morning adrenocorticotrophin hormone (ACTH) levels in women with postpartum thoughts of harming the infant. <i>Psychoneuroendocrinology</i> , 2011, 36, 924-928.	2.7	15
63	The impact of sex and cannabis on clinical features in first-admitted patients with psychosis. <i>European Neuropsychopharmacology</i> , 2020, 36, 235-243.	0.7	15
64	Age- and gender-related differences in brain tissue microstructure revealed by multi-component T2 relaxometry. <i>Neurobiology of Aging</i> , 2021, 106, 68-79.	3.1	15
65	MMSE items that predict incident delirium and hypoactive subtype in older medical inpatients. <i>Psychiatry Research</i> , 2014, 220, 975-981.	3.3	14
66	Perceived stress mediates the relationship between social adaptation and quality of life in individuals at ultra high risk of psychosis. <i>Microbial Biotechnology</i> , 2019, 13, 1447-1454.	1.7	14
67	Comprehensive summary of mitochondrial DNA alterations in the postmortem human brain: A systematic review. <i>EBioMedicine</i> , 2022, 76, 103815.	6.1	14
68	Anticipation is not associated with CAG repeat expansion in parent-offspring pairs of patients affected with schizophrenia. , 1999, 88, 50-56.		13
69	Increased expression of the spliced DDR1c isoform in brain tissues from schizophrenia patients. <i>Journal of Psychiatric Research</i> , 2012, 46, 825-827.	3.1	12
70	Increased blood lactate levels during exercise and mitochondrial DNA alterations converge on mitochondrial dysfunction in schizophrenia. <i>Schizophrenia Research</i> , 2020, 220, 61-68.	2.0	12
71	Gene-environment interaction between the brain-derived neurotrophic factor <sc>Val66Met</sc> polymorphism, psychosocial stress and dietary intake in early psychosis. <i>Microbial Biotechnology</i> , 2018, 12, 811-820.	1.7	11
72	Sex differences in the relationship between prolactin levels and impaired processing speed in early psychosis. <i>Australian and New Zealand Journal of Psychiatry</i> , 2018, 52, 585-595.	2.3	11

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73	Coexpression of the discoidin domain receptor 1 gene with oligodendrocyte-related and schizophrenia risk genes in the developing and adult human brain. <i>Brain and Behavior</i> , 2021, 11, e2309.	2.2	10
74	M129V variation in the prion protein gene and psychotic disorders: Relationship to neuropsychological and psychopathological measures. <i>Journal of Psychiatric Research</i> , 2007, 41, 885-892.	3.1	9
75	Hypothalamic-pituitary-adrenal axis function and exposure to stress factors and cannabis use in recent-onset psychosis. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 564-571.	2.6	9
76	Mitochondrial DNA (mtDNA) variants in the European haplogroups HV, JT, and U do not have a major role in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2014, 165, 607-617.	1.7	8
77	Mitochondrial dysfunction in a family with psychosis and chronic fatigue syndrome. <i>Mitochondrion</i> , 2017, 34, 1-8.	3.4	8
78	Clinical correlates of hypothalamic-pituitary-adrenal axis measures in individuals at risk for psychosis and with first-episode psychosis. <i>Psychiatry Research</i> , 2018, 265, 284-291.	3.3	8
79	Genetics and genetic counseling in psychiatry: Results from an opinion survey of professionals and users. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e830.	1.2	8
80	Leukocyte and brain DDR1 hypermethylation is altered in psychosis and is correlated with stress and inflammatory markers. <i>Epigenomics</i> , 2020, 12, 251-265.	2.1	8
81	Noninterventional, Naturalistic, Retrospective Study to Describe Prescription Patterns of Long-Acting Injectable Antipsychotics and the Impact of Introducing a New Atypical Antipsychotic in the Spanish Province of Tarragona Catchment Area. <i>primary care companion for CNS disorders, The</i> , 2017, 19, .	0.6	8
82	In silico, in vitro and case-control analyses as an effective combination for analyzing BRCA1 and BRCA2 unclassified variants in a population-based sample. <i>Cancer Genetics</i> , 2016, 209, 487-492.	0.4	7
83	Distinguishing characteristics of delirium in a skilled nursing facility in Spain: Influence of baseline cognitive status. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 1217-1225.	2.7	7
84	Interaction between the functional SNP rs2070951 in NR3C2 gene and high levels of plasma corticotropin-releasing hormone associates to postpartum depression. <i>Archives of Women's Mental Health</i> , 2020, 23, 413-420.	2.6	7
85	Analysis of amino-acid and nucleotide variants in the spinocerebellar ataxia type 1 ( SCA1 ) gene in schizophrenic patients. <i>Human Genetics</i> , 1997, 99, 772-775.	3.8	6
86	Clinical and cognitive correlates of childhood attention-deficit/hyperactivity disorder in first-episode psychosis: A controlled study. <i>European Neuropsychopharmacology</i> , 2020, 36, 90-99.	0.7	6
87	Cognitive Biases Questionnaire for Psychosis (CBQP): Spanish Validation and Relationship With Cognitive Insight in Psychotic Patients. <i>Frontiers in Psychiatry</i> , 2020, 11, 596625.	2.6	6
88	Validation of the Delirium Diagnostic Tool-Provisional (DDT-Pro) in a skilled nursing facility and comparison to the 4 A's test (4AT). <i>General Hospital Psychiatry</i> , 2021, 70, 116-123.	2.4	6
89	Standard Tone Stability as a Manipulation of Precision in the Oddball Paradigm: Modulation of Prediction Error Responses to Fixed-Probability Deviants. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 734200.	2.0	6
90	A polygenic approach to the association between smoking and schizophrenia. <i>Addiction Biology</i> , 2022, 27, e13104.	2.6	6

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91	Psychometric Properties of Spanish Adaptation of the PDD-MRS Scale in Adults with Intellectual Developmental Disorders: The EVTEA-DI Scale. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 1566-1578.	2.7	5
92	Long lasting behavioural effects on cuprizone fed mice after neurotoxicant withdrawal. <i>Behavioural Brain Research</i> , 2019, 363, 38-44.	2.2	5
93	CIBERSAM: Ten years of collaborative translational research in mental disorders. <i>Revista De Psiquiatría Y Salud Mental (English Edition)</i> , 2019, 12, 1-8.	0.3	5
94	Soluble transferrin receptor and mutations in hemochromatosis and transferrin genes in a general Catalan population. <i>Clinica Chimica Acta</i> , 2005, 353, 205-208.	1.1	4
95	Schizotypal traits and cognitive performance in siblings of patients with psychosis. <i>Psychiatry Research</i> , 2017, 258, 551-556.	3.3	4
96	Perceived stress, social functioning and quality of life in first-episode psychosis: A 1-year follow-up study. <i>Microbial Biotechnology</i> , 2020, 15, 1542-1550.	1.7	4
97	Glycated Haemoglobin Is Associated With Poorer Cognitive Performance in Patients With Recent-Onset Psychosis. <i>Frontiers in Psychiatry</i> , 2020, 11, 455.	2.6	4
98	<i>DDR1</i> methylation is associated with bipolar disorder and the isoform expression and methylation of myelin genes. <i>Epigenomics</i> , 2021, 13, 845-858.	2.1	4
99	High frequency of clinical conditions commonly associated with mitochondrial disorders in schizophrenia. <i>Acta Neuropsychiatrica</i> , 2020, 32, 265-269.	2.1	3
100	Relación entre el maltrato infantil y la adaptación social en una muestra de jóvenes atendidos en un servicio de intervención precoz en psicosis. <i>Revista De Psiquiatría Y Salud Mental</i> , 2020, 13, 131-139.	1.8	3
101	Factor Structure of the Spanish Version of the Edinburgh Postnatal Depression Scale. <i>Actas Espanolas De Psiquiatria</i> , 2018, 46, 174-82.	0.1	3
102	Relationship between ANKK1 rs1800497 polymorphism, overweight and executive dysfunction in early psychosis. <i>Schizophrenia Research</i> , 2019, 209, 278-280.	2.0	2
103	The role of childhood trauma, HPA axis reactivity and FKBP5 genotype on cognition in healthy individuals. <i>Psychoneuroendocrinology</i> , 2021, 128, 105221.	2.7	2
104	Maximal Sensitivity to Child Maltreatment at the Ages of 6 and 11 Years is Associated with the Risk of Bipolar Disorder. <i>Journal of Interpersonal Violence</i> , 2023, 38, 3030-3054.	2.0	2
105	The relationship between antidepressant treatment and inflammatory markers in early psychosis: preliminary results. <i>Psychopharmacology</i> , 2016, 233, 3659-3661.	3.1	1
106	Parental Antecedents of Psychosis Are Associated With Severity of Positive and Negative Symptoms in Schizophrenia Patients. <i>Journal of Clinical Psychiatry</i> , 2016, 77, 1201-1202.	2.2	1
107	Genetic study of NRXN1 <sup>2</sup> variants in Spanish patients with schizophrenia. <i>Schizophrenia Research</i> , 2014, 159, 554-555.	2.0	0
108	F87. SERUM PROLACTIN LEVELS AND COGNITIVE OUTCOME IN FIRST EPISODE PSYCHOSIS: A PROSPECTIVE 1-YEAR FOLLOW-UP STUDY. <i>Schizophrenia Bulletin</i> , 2018, 44, S253-S254.	4.3	0