

# Pascal Sienaert

## List of Publications by Year in descending order

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Version: 2024-02-01

135  
papers

4,572  
citations

136740

32  
h-index

118652

62  
g-index

142  
all docs

142  
docs citations

142  
times ranked

4904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Syndrome and Metabolic Abnormalities in Bipolar Disorder: A Meta-Analysis of Prevalence Rates and Moderators. <i>American Journal of Psychiatry</i> , 2013, 170, 265-274.	4.0	336
2	Reduced Reward Learning Predicts Outcome in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2013, 73, 639-645.	0.7	325
3	Intravenous Esketamine in Adult Treatment-Resistant Depression: A Double-Blind, Double-Randomization, Placebo-Controlled Study. <i>Biological Psychiatry</i> , 2016, 80, 424-431.	0.7	317
4	A Clinical Review of the Treatment of Catatonia. <i>Frontiers in Psychiatry</i> , 2014, 5, 181.	1.3	195
5	TYPE 2 DIABETES IN PATIENTS WITH MAJOR DEPRESSIVE DISORDER: A META-ANALYSIS OF PREVALENCE ESTIMATES AND PREDICTORS. <i>Depression and Anxiety</i> , 2015, 32, 763-773.	2.0	138
6	Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2018, 84, 574-581.	0.7	138
7	Measuring catatonia: A systematic review of rating scales. <i>Journal of Affective Disorders</i> , 2011, 135, 1-9.	2.0	125
8	ECT. <i>Journal of ECT</i> , 2014, 30, 143-151.	0.3	123
9	Speed of remission in elderly patients with depression: Electroconvulsive therapy vs medication. <i>British Journal of Psychiatry</i> , 2015, 206, 67-71.	1.7	123
10	A review of physical activity correlates in patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2013, 145, 285-291.	2.0	108
11	Dimensions in major depressive disorder and their relevance for treatment outcome. <i>Journal of Affective Disorders</i> , 2014, 155, 35-41.	2.0	99
12	Relationship Between Hippocampal Volume, Serum BDNF, and Depression Severity Following Electroconvulsive Therapy in Late-Life Depression. <i>Neuropsychopharmacology</i> , 2016, 41, 2741-2748.	2.8	87
13	Prevalence and Predictors of Type 2 Diabetes Mellitus in People With Bipolar Disorder. <i>Journal of Clinical Psychiatry</i> , 2015, 76, 1490-1499.	1.1	85
14	Grey matter volume increase following electroconvulsive therapy in patients with late life depression: a longitudinal MRI study. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 105-114.	1.4	84
15	Ultra-brief pulse ECT in bipolar and unipolar depressive disorder: differences in speed of response. <i>Bipolar Disorders</i> , 2009, 11, 418-424.	1.1	81
16	Second generation antipsychotics in the treatment of bipolar depression: a systematic review and meta-analysis. <i>Journal of Psychopharmacology</i> , 2012, 26, 603-617.	2.0	81
17	Based on a True Story? The Portrayal of ECT in International Movies and Television Programs. <i>Brain Stimulation</i> , 2016, 9, 882-891.	0.7	77
18	Evidence-based treatment strategies for treatment-resistant bipolar depression: a systematic review. <i>Bipolar Disorders</i> , 2013, 15, 61-69.	1.1	76

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19	Brain Changes Induced by Electroconvulsive Therapy Are Broadly Distributed. <i>Biological Psychiatry</i> , 2020, 87, 451-461.	0.7	72
20	The Global ECT-MRI Research Collaboration (GEMRIC): Establishing a multi-site investigation of the neural mechanisms underlying response to electroconvulsive therapy. <i>NeuroImage: Clinical</i> , 2017, 14, 422-432.	1.4	68
21	The prevalence and management of side effects of lithium and anticonvulsants as mood stabilizers in bipolar disorder from a clinical perspective. <i>International Clinical Psychopharmacology</i> , 2013, 28, 287-296.	0.9	66
22	What We Have Learned about Electroconvulsive Therapy and its Relevance for the Practising Psychiatrist. <i>Canadian Journal of Psychiatry</i> , 2011, 56, 5-12.	0.9	64
23	No Association of Lower Hippocampal Volume With Alzheimer's Disease Pathology in Late-Life Depression. <i>American Journal of Psychiatry</i> , 2017, 174, 237-245.	4.0	59
24	Early- and Late-Onset Depression in Late Life: A Prospective Study on Clinical and Structural Brain Characteristics and Response to Electroconvulsive Therapy. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 178-189.	0.6	59
25	Efficacy and Safety of Continuation and Maintenance Electroconvulsive Therapy in Depressed Elderly Patients: A Systematic Review. <i>American Journal of Geriatric Psychiatry</i> , 2012, 20, 5-17.	0.6	58
26	Efficacy and Cognitive Side Effects After Brief Pulse and Ultrabrief Pulse Right Unilateral Electroconvulsive Therapy for Major Depression. <i>Journal of Clinical Psychiatry</i> , 2013, 74, e1029-e1036.	1.1	58
27	Electric field causes volumetric changes in the human brain. <i>ELife</i> , 2019, 8, .	2.8	57
28	Older Age Is Associated with Rapid Remission of Depression After Electroconvulsive Therapy: A Latent Class Growth Analysis. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 274-282.	0.6	54
29	Anticonvulsants During Electroconvulsive Therapy. <i>Journal of ECT</i> , 2007, 23, 120-123.	0.3	46
30	ECT-Related Anxiety. <i>Journal of ECT</i> , 2017, 33, 229-236.	0.3	37
31	Electroconvulsive Therapy During COVID-19-Times: Our Patients Cannot Wait. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 772-775.	0.6	37
32	Patient Satisfaction After Electroconvulsive Therapy. <i>Journal of ECT</i> , 2005, 21, 227-231.	0.3	33
33	Antibiotics and mania: A systematic review. <i>Journal of Affective Disorders</i> , 2017, 219, 149-156.	2.0	32
34	Structural changes induced by electroconvulsive therapy are associated with clinical outcome. <i>Brain Stimulation</i> , 2020, 13, 696-704.	0.7	31
35	Electroconvulsive therapy for depression: 80 years of progress. <i>British Journal of Psychiatry</i> , 2021, 219, 594-597.	1.7	30
36	Searching for the Mechanism(s) of ECT's Therapeutic Effect. <i>Journal of ECT</i> , 2014, 30, 87-89.	0.3	29

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37	Electroconvulsive therapy: an effective therapy of medication-resistant bipolar disorder. <i>Bipolar Disorders</i> , 2006, 8, 304-306.	1.1	28
38	Inflammation, Hippocampal Volume, and Therapeutic Outcome following Electroconvulsive Therapy in Depressive Patients: A Pilot Study. <i>Neuropsychobiology</i> , 2020, 79, 222-232.	0.9	28
39	Efficacy of Tranylcypromine in Bipolar Depression. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 700-705.	0.7	27
40	A comparison of physical fitness in patients with bipolar disorder, schizophrenia and healthy controls. <i>Disability and Rehabilitation</i> , 2016, 38, 2047-2051.	0.9	27
41	Corpus callosum macro and microstructure in late-life depression. <i>Journal of Affective Disorders</i> , 2017, 222, 63-70.	2.0	27
42	Emotional switching in borderline personality disorder: A daily life study.. <i>Personality Disorders: Theory, Research, and Treatment</i> , 2016, 7, 50-60.	1.0	26
43	MMSE Changes During and After ECT in Late-Life Depression: A Prospective Study. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 934-944.	0.6	26
44	Health-related physical fitness in patients with bipolar disorder vs. healthy controls: An exploratory study. <i>Journal of Affective Disorders</i> , 2015, 177, 22-27.	2.0	25
45	Relapse and long-term cognitive performance after brief pulse or ultrabrief pulse right unilateral electroconvulsive therapy: A multicenter naturalistic follow up. <i>Journal of Affective Disorders</i> , 2015, 184, 137-144.	2.0	22
46	Brain-derived neurotrophic factor as a possible predictor of electroconvulsive therapy outcome. <i>Translational Psychiatry</i> , 2019, 9, 155.	2.4	22
47	Test-retest reliability, feasibility and clinical correlates of the Eurofit test battery in people with bipolar disorder. <i>Psychiatry Research</i> , 2015, 228, 620-625.	1.7	21
48	Cardiorespiratory fitness in outpatients with bipolar disorder versus matched controls: An exploratory study. <i>Journal of Affective Disorders</i> , 2016, 199, 1-5.	2.0	21
49	Concurrent Use of Lamotrigine and Electroconvulsive Therapy. <i>Journal of ECT</i> , 2011, 27, 148-152.	0.3	20
50	Epigenetic Effects of Electroconvulsive Seizures. <i>Journal of ECT</i> , 2014, 30, 152-159.	0.3	20
51	Maintenance Electroconvulsive Therapy in Severe Bipolar Disorder. <i>Journal of ECT</i> , 2016, 32, 23-28.	0.3	20
52	Copy number variation analysis in adults with catatonia confirms haploinsufficiency of SHANK3 as a predisposing factor. <i>European Journal of Medical Genetics</i> , 2016, 59, 436-443.	0.7	20
53	Experience, Knowledge, and Attitudes of Child and Adolescent Psychiatrists in Belgium Toward Pediatric Electroconvulsive Therapy. <i>Journal of ECT</i> , 2018, 34, 247-252.	0.3	20
54	Inflammation and remission in older patients with depression treated with electroconvulsive therapy; findings from the MODECT study. <i>Journal of Affective Disorders</i> , 2019, 256, 509-516.	2.0	20

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55	The Practice of Consenting to Electroconvulsive Therapy in the European Union. <i>Journal of ECT</i> , 2012, 28, 4-6.	0.3	19
56	The functional exercise capacity in patients with bipolar disorder versus healthy controls: A pilot study. <i>Psychiatry Research</i> , 2015, 229, 194-199.	1.7	19
57	The affect stabilization function of nonsuicidal self injury in Borderline Personality Disorder: An Ecological Momentary Assessment study. <i>Behaviour Research and Therapy</i> , 2017, 92, 41-50.	1.6	19
58	Improving Practice in Electroconvulsive Therapy. <i>Journal of ECT</i> , 2016, 32, 29-32.	0.3	18
59	Sitting time, physical fitness impairments and metabolic abnormalities in people with bipolar disorder: An exploratory study. <i>Psychiatry Research</i> , 2016, 242, 7-12.	1.7	18
60	The psychopharmacology of catatonia, neuroleptic malignant syndrome, akathisia, tardive dyskinesia, and dystonia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 165, 415-428.	1.0	18
61	Does lithium prevent relapse following successful electroconvulsive therapy for major depression? A systematic review and meta-analysis. <i>Acta Psychiatrica Scandinavica</i> , 2021, 143, 294-306.	2.2	18
62	Physical activity as a vital sign in patients with bipolar disorder. <i>Psychiatry Research</i> , 2016, 246, 218-222.	1.7	17
63	Hippocampal volume change following ECT is mediated by rs699947 in the promotor region of VEGF. <i>Translational Psychiatry</i> , 2019, 9, 191.	2.4	17
64	Overgeneral Memory Predicts Stability of Short-Term Outcome of Electroconvulsive Therapy for Depression. <i>Journal of ECT</i> , 2008, 24, 81-83.	0.3	16
65	Mechanisms of ECT. <i>Journal of ECT</i> , 2014, 30, 85-86.	0.3	16
66	Higher cardio-respiratory fitness is associated with increased mental and physical quality of life in people with bipolar disorder: A controlled pilot study. <i>Psychiatry Research</i> , 2017, 256, 219-224.	1.7	16
67	Relapse after abrupt discontinuation of maintenance electroconvulsive therapy during the COVID-19 pandemic. <i>Acta Psychiatrica Scandinavica</i> , 2021, 144, 230-237.	2.2	16
68	Methylphenidate in mania project (MEMAP): study protocol of an international randomised double-blind placebo-controlled study on the initial treatment of acute mania with methylphenidate. <i>BMC Psychiatry</i> , 2013, 13, 71.	1.1	15
69	Concurrent validity of the international physical activity questionnaire in outpatients with bipolar disorder: Comparison with the Sensewear Armband. <i>Psychiatry Research</i> , 2016, 237, 122-126.	1.7	15
70	Electroconvulsive Therapy in Belgium. <i>Journal of ECT</i> , 2005, 21, 3-6.	0.3	14
71	Remission of Tardive Dystonia (Blepharospasm) After Electroconvulsive Therapy in a Patient With Treatment-Refractory Schizophrenia. <i>Journal of ECT</i> , 2005, 21, 132-134.	0.3	14
72	Pulse Width in Electroconvulsive Therapy. <i>Journal of ECT</i> , 2018, 34, 73-74.	0.3	14

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73	Melancholia as Predictor of Electroconvulsive Therapy Outcome in Later Life. <i>Journal of ECT</i> , 2019, 35, 231-237.	0.3	14
74	Biophysical mechanisms of electroconvulsive therapy-induced volume expansion in the medial temporal lobe: A longitudinal in vivo human imaging study. <i>Brain Stimulation</i> , 2021, 14, 1038-1047.	0.7	14
75	Adult catatonia: etiopathogenesis, diagnosis and treatment. <i>Neuropsychiatry</i> , 2013, 3, 391-399.	0.4	13
76	Depressive symptoms and muscular fitness contribute independently to the ability to perform daily life activities in people with bipolar disorder. <i>Nordic Journal of Psychiatry</i> , 2016, 70, 477-482.	0.7	13
77	Electroconvulsive therapy response in late-life depression unaffected by age-related brain changes. <i>Journal of Affective Disorders</i> , 2019, 251, 114-120.	2.0	13
78	Psychotic late-life depression less likely to relapse after electroconvulsive therapy. <i>Journal of Affective Disorders</i> , 2020, 276, 984-990.	2.0	13
79	Short Seizures in Continuation Electroconvulsive Therapy: An Indication for Remifentanyl Anesthesia?. <i>Journal of ECT</i> , 2004, 20, 130-131.	0.3	12
80	Early Complete Remitters After Electroconvulsive Therapy. <i>Journal of ECT</i> , 2016, 32, 82-87.	0.3	12
81	Are Apathy and Depressive Symptoms Related to Vascular White Matter Hyperintensities in Severe Late Life Depression?. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2021, 34, 21-28.	1.2	12
82	Neurocognitive functioning after electroconvulsive therapy in late-life depression: A 4-year prospective study. <i>Acta Psychiatrica Scandinavica</i> , 2021, 143, 141-150.	2.2	12
83	Differences in Speed of Response of Depressive Symptom Dimensions in Older Persons During Electroconvulsive Therapy. <i>Journal of ECT</i> , 2019, 35, 35-39.	0.3	11
84	Suicidal ideation and ECT, ECT and suicidal ideation: A register study. <i>Acta Psychiatrica Scandinavica</i> , 2022, 146, 74-84.	2.2	11
85	New DSM-5 category "unspecified catatonia" is a boost for pediatric catatonia: review and case reports. <i>Neuropsychiatry</i> , 2013, 3, 401-410.	0.4	10
86	Validity of the 6min walk test in outpatients with bipolar disorder. <i>Psychiatry Research</i> , 2015, 230, 664-667.	1.7	10
87	Exploring resting state connectivity in patients with psychotic depression. <i>PLoS ONE</i> , 2019, 14, e0209908.	1.1	10
88	A multi-centre, randomised, double-blind, placebo-controlled clinical trial of methylphenidate in the initial treatment of acute mania (MEMAP study). <i>European Neuropsychopharmacology</i> , 2018, 28, 185-194.	0.3	9
89	Safe ECT in a Patient With the Ehlers-Danlos Syndrome. <i>Journal of ECT</i> , 2003, 19, 230-233.	0.3	8
90	Propofol in the Management of Postictal Delirium With Clozapine-Electroconvulsive Therapy Combination. <i>Journal of ECT</i> , 2004, 20, 254-257.	0.3	8

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91	Is Electroconvulsive Therapy Safe in the Presence of an Intracranial Metallic Object?. Journal of ECT, 2013, 29, 231-238.	0.3	8
92	The basal ganglia: A central hub for the psychomotor effects of electroconvulsive therapy. Journal of Affective Disorders, 2020, 265, 239-246.	2.0	8
93	Catatonia in Psychiatric Illnesses. , 2016, , 517-535.		8
94	The Functional Exercise Capacity Is Associated With Global Functioning in People With Bipolar Disorder. Journal of Nervous and Mental Disease, 2016, 204, 673-677.	0.5	7
95	Vascular risk factors in older patients with depression: outcome of electroconvulsive therapy versus medication. International Journal of Geriatric Psychiatry, 2018, 33, 371-378.	1.3	7
96	The FDA Final Order on ECT Devices, Finally. Journal of ECT, 2019, 35, 69-70.	0.3	7
97	Improvement of psychomotor retardation after electroconvulsive therapy is related to decreased IL-6 levels. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 105, 110146.	2.5	7
98	Movement, mood and cognition: Preliminary insights into the therapeutic effects of electroconvulsive therapy for depression through a resting-state connectivity analysis. Journal of Affective Disorders, 2021, 290, 117-127.	2.0	7
99	Diagnosing and Treating Catatonia: An Update. Current Psychiatry Reviews, 2013, 9, 130-135.	0.9	7
100	Uneventful Electroconvulsive Therapy in a Patient With Dopa-Responsive Dystonia (Segawa Syndrome). Journal of ECT, 2009, 25, 284-286.	0.3	6
101	The Clinical Practice of Assessing Cognitive Function in Adults Receiving Electroconvulsive Therapy. Journal of ECT, 2016, 32, 99-103.	0.3	5
102	S100 calcium-binding protein B in older patients with depression treated with electroconvulsive therapy. Psychoneuroendocrinology, 2019, 110, 104414.	1.3	5
103	Salivary cortisol as predictor for depression characteristics and remission in electroconvulsive therapy in older persons. World Journal of Biological Psychiatry, 2019, 20, 683-690.	1.3	5
104	Monitoring Electroconvulsive Therapy-Related Anxiety. Journal of ECT, 2020, 36, 180-186.	0.3	5
105	Transient Cognitive Impairment and White Matter Hyperintensities in Severely Depressed Older Patients Treated With Electroconvulsive Therapy. American Journal of Geriatric Psychiatry, 2021, 29, 1117-1128.	0.6	4
106	Electroconvulsive Therapy for Patients With Depression Who Lack Capacity for Consent. Journal of ECT, 2021, 37, 171-175.	0.3	4
107	Inflammatory Markers May Inform the Effects of Electroconvulsive Therapy on Cognition in Patients with Depression. Neuropsychobiology, 2021, 80, 493-501.	0.9	4
108	The pattern of inflammatory markers during electroconvulsive therapy in older depressed patients. World Journal of Biological Psychiatry, 2021, 22, 770-777.	1.3	4

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109	Elevated body weight modulates subcortical volume change and associated clinical response following electroconvulsive therapy. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E418-E426.	1.4	4
110	The ratio and interaction between neurotrophin and immune signaling during electroconvulsive therapy in late-life depression. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2021, 18, 100389.	1.3	4
111	The Metabolic Syndrome Is Associated with Self-Reported Physical Complaints in Patients with Bipolar Disorder. <i>Psychiatria Danubina</i> , 2016, 28, 139-45.	0.2	4
112	Preliminary Assessment of Pre-“Electroconvulsive Therapy Evaluation Practices in European Countries. <i>Journal of ECT</i> , 2022, Publish Ahead of Print, .	0.3	4
113	Electroconvulsive therapy in continental Western Europe: A literature review. , 0, , 246-255.		3
114	Time to replicate. <i>Australian and New Zealand Journal of Psychiatry</i> , 2018, 52, 710-711.	1.3	3
115	The Statistical Specificity of Emotion Dynamics in Borderline Personality Disorder. <i>Journal of Personality Disorders</i> , 2021, 35, 1-22.	0.8	3
116	A European Foundation for Electroconvulsive Therapy. <i>Journal of ECT</i> , 2006, 22, 91.	0.3	2
117	Response to Bartoli et al.. <i>American Journal of Psychiatry</i> , 2013, 170, 928-929.	4.0	2
118	Repeated stress hormone measurements after a social stressor in major depressive disorder: Association patterns and predictive ability. <i>Psychoneuroendocrinology</i> , 2015, 61, 58.	1.3	2
119	Cortisol is not associated with pre-treatment medial temporal lobe volume or volume changes after electroconvulsive therapy in patients with late-life depression. <i>Psychiatry Research - Neuroimaging</i> , 2019, 291, 26-33.	0.9	2
120	Temporal glioblastoma presenting as catatonia. <i>BMJ Case Reports</i> , 2019, 12, e224017.	0.2	2
121	Impact of inflammation on cognitive functioning after electroconvulsive therapy in older patients with depression with and without white matter hyperintensities. <i>American Journal of Geriatric Psychiatry</i> , 2021, , .	0.6	2
122	Long-term Outcome Following Electroconvulsive Therapy for Late-Life Depression: Five-Year Follow-up Data From the MODECT Study. <i>American Journal of Geriatric Psychiatry</i> , 2022, , .	0.6	2
123	P.301 Hippocampal subfield volumetric changes following electroconvulsive therapy in patients with late-life depression. <i>European Neuropsychopharmacology</i> , 2019, 29, S214-S215.	0.3	1
124	Electroconvulsive therapy does not increase the risk of dementia in patients with affective disorders. <i>Evidence-Based Mental Health</i> , 2019, 22, e5-e5.	2.2	1
125	Closing Up. , 2020, , 346-362.		1
126	OUP accepted manuscript. <i>Schizophrenia Bulletin</i> , 2021, , .	2.3	1



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127	The Ideal ECT Technique or the Ideal ECT Patient: What Should Be the Focus of Research?. Journal of Clinical Psychiatry, 2015, 76, e1132-e1133.	1.1	1
128	Authors' reply. British Journal of Psychiatry, 2015, 206, 167-168.	1.7	0
129	445. Neural Predictors and Correlates of Electroconvulsive Therapy in Late-Life Depression. Biological Psychiatry, 2017, 81, S181-S182.	0.7	0
130	Electroconvulsive Therapy-Related Anxiety. Journal of ECT, 2018, 34, 132-133.	0.3	0
131	T128. Medial Temporal Lobe and Subcortical Shape Changes Following Electroconvulsive Therapy in Late-Life Depression. Biological Psychiatry, 2018, 83, S178.	0.7	0
132	Burning Mouth Syndrome Treated With Electroconvulsive Therapy. Journal of ECT, 2021, 37, e34-e35.	0.3	0
133	Delusional Infestation Treated With Electroconvulsive Therapy. Journal of ECT, 2021, 37, e42-e43.	0.3	0
134	How to Reliably Predict Relapse After Electroconvulsive Therapy?. Journal of Clinical Psychiatry, 2021, 83, .	1.1	0
135	Bifrontal, bitemporal and right unilateral ECT electrode placement are similarly effective for reducing depressive symptoms. Evidence-Based Mental Health, 2010, 13, 85-85.	2.2	0