Lena Backlund

List of Publications by Citations

24 papers	1,429 citations	15 h-index	24 g-index
24 ext. papers	2,216 ext. citations	10.7 avg, IF	2.77 L-index

#	Paper	IF	Citations
24	Genome-wide association study identifies 30 loci associated with bipolar disorder. *Nature Genetics*, **2019**, 51, 793-803	36.3	662
23	Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. *Lancet, The*, **2016**, 387, 1085-1093	40	216
22	Genome-wide association study of 40,000 individuals identifies two novel loci associated with bipolar disorder. *Human Molecular Genetics*, **2016**, 25, 3383-3394	5.6	125
21	Genome-wide association study of more than 40,000 bipolar disorder cases provides new insights into the underlying biology. *Nature Genetics*, **2021**, 53, 817-829	36.3	83
20	Association of Polygenic Score for Schizophrenia and HLA Antigen and Inflammation Genes With Response to Lithium in Bipolar Affective Disorder: A Genome-Wide Association Study. *JAMA Psychiatry*, **2018**, 75, 65-74	14.5	75
19	Telomerase dysregulation in the hippocampus of a rat model of depression: normalization by lithium. *International Journal of Neuropsychopharmacology*, **2015**, 18, pyv002	5.8	55
18	Cognitive manic symptoms associated with the P2RX7 gene in bipolar disorder. *Bipolar Disorders*, **2011**, 13, 500-8	3.8	35
17	P2RX7: expression responds to sleep deprivation and associates with rapid cycling in bipolar disorder type 1. *PLoS ONE*, **2012**, 7, e43057	3.7	26
16	hTERT genetic variation in depression. *Journal of Affective Disorders*, **2016**, 189, 62-9	6.6	23
15	Identifying predictors for good lithium response - a retrospective analysis of 100 patients with bipolar disorder using a life-charting method. *European Psychiatry*, **2009**, 24, 171-7	6	22
14	Contribution of Rare Copy Number Variants to Bipolar Disorder Risk Is Limited to Schizoaffective Cases. *Biological Psychiatry*, **2019**, 86, 110-119	7.9	20
13	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. *Molecular Psychiatry*, **2021**, 26, 2457-2470	15.1	17
12	Mood Stabilizers and the Influence on Global Leukocyte DNA Methylation in Bipolar Disorder. *Molecular Neuropsychiatry*, **2015**, 1, 76-81	4.9	16
11	Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. *Frontiers in Psychiatry*, **2018**, 9, 207	5	15
10	Investigating polygenic burden in age at disease onset in bipolar disorder: Findings from an international multicentric study. *Bipolar Disorders*, **2019**, 21, 68-75	3.8	15
9	Genetic variant in SLC1A2 is associated with elevated anterior cingulate cortex glutamate and lifetime history of rapid cycling. *Translational Psychiatry*, **2019**, 9, 149	8.6	9
8	Lithium and the Interplay Between Telomeres and Mitochondria in Bipolar Disorder. *Frontiers in Psychiatry*, **2020**, 11, 586083	5	6

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7	Sex-specific effects of gain-of-function P2RX7 variation on bipolar disorder. *Journal of Affective Disorders*, **2019**, 245, 597-601	6.6	4
6	Combining schizophrenia and depression polygenic risk scores improves the genetic prediction of lithium response in bipolar disorder patients. *Translational Psychiatry*, **2021**, 11, 606	8.6	1
5	AKT1 and genetic vulnerability to bipolar disorder. *Psychiatry Research*, **2020**, 284, 112677	9.9	1
4	Prediction of lithium response using genomic data. *Scientific Reports*, **2021**, 11, 1155	4.9	1
3	HLA-DRB1 and HLA-DQB1 genetic diversity modulates response to lithium in bipolar affective disorders. *Scientific Reports*, **2021**, 11, 17823	4.9	1
2	Using polygenic scores and clinical data for bipolar disorder patient stratification and lithium response prediction: machine learning approach.. *British Journal of Psychiatry*, **2022**, 1-10	5.4	1
1	Improving lithium dose prediction using population pharmacokinetics and pharmacogenomics: a cohort genome-wide association study in Sweden.. *Lancet Psychiatry,the*, **2022**, 9, 447-457	23.3	0