

Rh Belmaker

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

5,207
citations

34
h-index

71
g-index

99
ext. papers

5,685
ext. citations

6
avg, IF

5.73
L-index

#	Paper	IF	Citations
93	Major depressive disorder. <i>New England Journal of Medicine</i> , 2008 , 358, 55-68	59.2	1254
92	Lithium inhibits adrenergic and cholinergic increases in GTP binding in rat cortex. <i>Nature</i> , 1988 , 331, 440-3	50.4	447
91	Bipolar disorder. <i>New England Journal of Medicine</i> , 2004 , 351, 476-86	59.2	406
90	Omega-3 treatment of childhood depression: a controlled, double-blind pilot study. <i>American Journal of Psychiatry</i> , 2006 , 163, 1098-100	11.9	253
89	Transcranial magnetic stimulation in mania: a controlled study. <i>American Journal of Psychiatry</i> , 1998 , 155, 1608-10	11.9	161
88	Effects of lithium in vitro and ex vivo on components of the adenylate cyclase system in membranes from the cerebral cortex of the rat. <i>Neuropharmacology</i> , 1987 , 26, 211-7	5.5	128
87	GSK-3 and the neurodevelopmental hypothesis of schizophrenia. <i>European Neuropsychopharmacology</i> , 2002 , 12, 13-25	1.2	112
86	Low GSK-3 activity in frontal cortex of schizophrenic patients. <i>Schizophrenia Research</i> , 2001 , 52, 101-5	3.6	109
85	The effect of transcranial magnetic stimulation of rat brain on behavioral models of depression. <i>Brain Research</i> , 1995 , 699, 130-2	3.7	99
84	Antidepressive-like effects of rapamycin in animal models: Implications for mTOR inhibition as a new target for treatment of affective disorders. <i>Brain Research Bulletin</i> , 2008 , 76, 469-73	3.9	97
83	Homocysteine-reducing strategies improve symptoms in chronic schizophrenic patients with hyperhomocysteinemia. <i>Biological Psychiatry</i> , 2006 , 60, 265-9	7.9	95
82	Ziskind-Somerfeld Research Award 1993. Biochemical, behavioral, and clinical studies of the role of inositol in lithium treatment and depression. <i>Biological Psychiatry</i> , 1993 , 34, 839-52	7.9	91
81	Homocysteine levels in newly admitted schizophrenic patients. <i>Journal of Psychiatric Research</i> , 2004 , 38, 413-6	5.2	89
80	Transcranial magnetic stimulation in depression and schizophrenia. <i>European Neuropsychopharmacology</i> , 1994 , 4, 287-288	1.2	89
79	TPQ in euthymic manic-depressive patients. <i>Journal of Psychiatric Research</i> , 1996 , 30, 353-7	5.2	68
78	International Society for Nutritional Psychiatry Research Practice Guidelines for Omega-3 Fatty Acids in the Treatment of Major Depressive Disorder. <i>Psychotherapy and Psychosomatics</i> , 2019 , 88, 263-273	9.4	66
77	Right prefrontal TMS versus sham treatment of mania: a controlled study. <i>Bipolar Disorders</i> , 2003 , 5, 36-9	3.8	62

76	Inositol treatment raises CSF inositol levels. <i>Brain Research</i> , 1993 , 627, 168-70	3.7	59
75	The antidepressant activity of inositol in the forced swim test involves 5-HT(2) receptors. <i>Behavioural Brain Research</i> , 2001 , 118, 77-83	3.4	54
74	Effects of lithium on lipopolysaccharide-induced inflammation in rat primary glia cells. <i>Innate Immunity</i> , 2012 , 18, 447-58	2.7	53
73	Omega 3 Fatty acid treatment in autism. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2009 , 19, 449-51	2.9	51
72	No association between global leukocyte DNA methylation and homocysteine levels in schizophrenia patients. <i>Schizophrenia Research</i> , 2008 , 101, 50-7	3.6	51
71	The effects of inositol treatment in animal models of psychiatric disorders. <i>Journal of Affective Disorders</i> , 2001 , 62, 113-21	6.6	48
70	Lithium's effect in forced-swim test is blood level dependent but not dependent on weight loss. <i>Behavioural Pharmacology</i> , 2007 , 18, 77-80	2.4	47
69	Transmission disequilibrium and haplotype analyses of the G72/G30 locus: suggestive linkage to schizophrenia in Palestinian Arabs living in the North of Israel. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2006 , 141B, 91-5	3.5	45
68	Valnoctamide as a valproate substitute with low teratogenic potential in mania: a double-blind, controlled, add-on clinical trial. <i>Bipolar Disorders</i> , 2010 , 12, 376-82	3.8	43
67	High homocysteine serum levels in young male schizophrenia and bipolar patients and in an animal model. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2005 , 29, 1181-91	5.5	42
66	The effects of chronic lithium and ECT on A1 and A2 adenosine receptor systems in rat brain. <i>Brain Research</i> , 1984 , 291, 188-92	3.7	40
65	Mitochondrial DNA HV lineage increases the susceptibility to schizophrenia among Israeli Arabs. <i>Schizophrenia Research</i> , 2007 , 94, 354-8	3.6	38
64	Knockout mice in understanding the mechanism of action of lithium. <i>Biochemical Society Transactions</i> , 2009 , 37, 1121-5	5.1	37
63	Chronic treatment of human astrocytoma cells with lithium, carbamazepine or valproic acid decreases inositol uptake at high inositol concentrations but increases it at low inositol concentrations. <i>Brain Research</i> , 2000 , 855, 158-61	3.7	37
62	Intracerebroventricular myo-inositol antagonizes lithium-induced suppression of rearing behaviour in rats. <i>Brain Research</i> , 1990 , 534, 345-7	3.7	37
61	Glycogen synthase kinase-3beta heterozygote knockout mice as a model of findings in postmortem schizophrenia brain or as a model of behaviors mimicking lithium action: negative results. <i>Behavioural Pharmacology</i> , 2008 , 19, 217-24	2.4	34
60	Differential uptake of myo-inositol in vivo into rat brain areas. <i>European Neuropsychopharmacology</i> , 1996 , 6, 73-5	1.2	33
59	The effect of lithium on expression of genes for inositol biosynthetic enzymes in mouse hippocampus; a comparison with the yeast model. <i>Molecular Brain Research</i> , 2003 , 115, 104-10		32

58	High-dose peripheral inositol raises brain inositol levels and reverses behavioral effects of inositol depletion by lithium. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 49, 341-3	3.9	31
57	SMIT1 haploinsufficiency causes brain inositol deficiency without affecting lithium-sensitive behavior. <i>Molecular Genetics and Metabolism</i> , 2006 , 88, 384-8	3.7	30
56	Behavioral evidence for the existence of two pools of cellular inositol. <i>European Neuropsychopharmacology</i> , 1994 , 4, 463-7	1.2	28
55	Interstrain correlation between behavioural effects of lithium and effects on cortical cyclic AMP. <i>Pharmacology Biochemistry and Behavior</i> , 1986 , 24, 9-13	3.9	28
54	Inositol-1-phosphatase in red blood cells of manic-depressive patients before and during treatment with lithium. <i>Biological Psychiatry</i> , 1990 , 27, 552-5	7.9	26
53	Effect of treatment and withdrawal from chronic lithium in rats on stimulant-induced responses. <i>Neuropsychobiology</i> , 1984 , 11, 28-32	4	26
52	Neuropsychological correlates of homocysteine levels in euthymic bipolar patients. <i>Journal of Affective Disorders</i> , 2008 , 105, 229-33	6.6	25
51	Psychological responses in family members after the Hebron massacre. <i>Depression and Anxiety</i> , 1999 , 9, 27-31	8.4	25
50	Influence of birth cohort on age of onset cluster analysis in bipolar I disorder. <i>European Psychiatry</i> , 2015 , 30, 99-105	6	24
49	Chronic treatment with lithium and pretreatment with excess inositol reduce inositol pool size in astrocytes by different mechanisms. <i>Brain Research</i> , 1998 , 787, 34-40	3.7	24
48	Reduced inositol content in lymphocyte-derived cell lines from bipolar patients. <i>Bipolar Disorders</i> , 2002 , 4, 67-9	3.8	22
47	Nutritional and life style determinants of plasma homocysteine in schizophrenia patients. <i>European Neuropsychopharmacology</i> , 2005 , 15, 291-5	1.2	21
46	The Effects of TMS on Animal Models of Depression, Adrenergic Receptors, and Brain Monoamines. <i>CNS Spectrums</i> , 1997 , 2, 26-30	1.8	20
45	Inhibition by antibiotic tetracyclines of rat cortical noradrenergic adenylate cyclase and amphetamine-induced hyperactivity. <i>Pharmacology Biochemistry and Behavior</i> , 1990 , 37, 417-24	3.9	20
44	Identification of eukaryotic elongation factor-2 as a novel cellular target of lithium and glycogen synthase kinase-3. <i>Molecular and Cellular Neurosciences</i> , 2010 , 45, 449-55	4.8	17
43	Raised monophosphatase activity in schizophrenic patients. <i>Clinica Chimica Acta</i> , 1992 , 209, 89-93	6.2	17
42	Lithium-pilocarpine seizures as a model for lithium action in mania. <i>Neuroscience and Biobehavioral Reviews</i> , 2007 , 31, 843-9	9	16
41	Lack of effect of inositol treatment in chronic schizophrenia. <i>Biological Psychiatry</i> , 1993 , 33, 673-5	7.9	16

40	CSF inositol in schizophrenia and high-dose inositol treatment of schizophrenia. <i>European Neuropsychopharmacology</i> , 1994 , 4, 487-90	1.2	16
39	The effect of transcranial magnetic stimulation compared with electroconvulsive shock on rat apomorphine-induced stereotypy. <i>European Neuropsychopharmacology</i> , 1994 , 4, 449	1.2	16
38	Treatment of bipolar depression. <i>New England Journal of Medicine</i> , 2007 , 356, 1771-3	59.2	14
37	Lithium inhibitable enzymes in postmortem brain of bipolar patients. <i>Journal of Psychiatric Research</i> , 2003 , 37, 433-42	5.2	14
36	No association between the dopamine D3 receptor Bal I polymorphism and schizophrenia in a family-based study of a Palestinian Arab population. <i>American Journal of Medical Genetics Part A</i> , 2000 , 96, 778-780		14
35	Molecular effects of lithium are partially mimicked by inositol-monophosphatase (IMPA)1 knockout mice in a brain region-dependent manner. <i>European Neuropsychopharmacology</i> , 2015 , 25, 425-34	1.2	12
34	Gene-expression studies in understanding the mechanism of action of lithium. <i>Expert Review of Neurotherapeutics</i> , 2012 , 12, 93-7	4.3	12
33	The new lithium clinic. <i>Neuropsychobiology</i> , 2010 , 62, 17-26	4	11
32	Dose-response and time curve of inositol prevention of Li-pilocarpine seizures. <i>European Neuropsychopharmacology</i> , 1993 , 3, 428-429	1.2	11
31	Rorschach markers in euthymic manic-depressive illness. <i>Neuropsychobiology</i> , 1984 , 12, 96-100	4	11
30	Lack of effect of 6 g inositol treatment of post-ECT cognitive function in humans. <i>Journal of Psychiatric Research</i> , 1995 , 29, 487-9	5.2	10
29	Individual differences and evidence-based psychopharmacology. <i>BMC Medicine</i> , 2012 , 10, 110	11.4	9
28	Hyperhomocysteinemia does not affect global DNA methylation and nicotinamide N-methyltransferase expression in mice. <i>Journal of Psychopharmacology</i> , 2011 , 25, 976-81	4.6	9
27	Nordidemnin potently inhibits inositol uptake in cultured astrocytes and dose-dependently augments lithium's proconvulsant effect in vivo. <i>Journal of Neuroscience Research</i> , 2000 , 60, 116-21	4.4	9
26	A multi-national, multi-disciplinary Delphi consensus study on using omega-3 polyunsaturated fatty acids (n-3 PUFAs) for the treatment of major depressive disorder. <i>Journal of Affective Disorders</i> , 2020 , 265, 233-238	6.6	8
25	Rorschach markers in offspring of manic-depressive patients. <i>Journal of Affective Disorders</i> , 2000 , 59, 231-6	6.6	8
24	Inhibition of inositol monophosphatase (IMPase) at the calbindin-D28k binding site: molecular and behavioral aspects. <i>European Neuropsychopharmacology</i> , 2013 , 23, 1806-15	1.2	7
23	Acute intracerebroventricular inositol does not reverse the effect of chronic lithium treatment in the forced swim test. <i>Neuropsychobiology</i> , 2013 , 68, 189-92	4	7

22	Rat brain monoamines after acute and chronic myo-inositol treatment. <i>European Neuropsychopharmacology</i> , 1999 , 10, 27-30	1.2	7
21	Linkage of a normal personality trait to the color-blindness gene: preliminary evidence. <i>Biological Psychiatry</i> , 1993 , 34, 581-3	7.9	6
20	The effect of inositol on cognitive processes and mood states in normal volunteers. <i>European Neuropsychopharmacology</i> , 1994 , 4, 417	1.2	6
19	Effects of lithium in vitro on noradrenaline-induced cyclic AMP accumulation in rat cortical slices after reserpine-induced supersensitivity. <i>Neuropharmacology</i> , 1985 , 24, 353-5	5.5	6
18	Behavioral addictions in euthymic patients with bipolar I disorder: a comparison to controls. <i>International Journal of Bipolar Disorders</i> , 2013 , 1, 27	5.4	5
17	The inositol monophosphatase inhibitor L-690,330 affects pilocarpine-behavior and the forced swim test. <i>Psychopharmacology</i> , 2013 , 227, 503-8	4.7	5
16	Epi-inositol: A potential antidepressant. <i>Drug Development Research</i> , 2000 , 50, 309-315	5.1	4
15	Phorbol ester intracerebroventricularly induces a behavioral hypoactivity that is not affected by chronic or acute lithium. <i>European Neuropsychopharmacology</i> , 1996 , 6, 39-41	1.2	4
14	Species differences in susceptibility to Li-pilocarpine seizures. <i>European Neuropsychopharmacology</i> , 1994 , 4, 428-429	1.2	4
13	Lack of benefit from magnesium in lithium toxicity. <i>Neuropsychobiology</i> , 1982 , 8, 10-1	4	4
12	No gross abnormality of plasma homocysteine after acute methionine loading in clinically stabilized patients with schizophrenia. <i>Asian Journal of Psychiatry</i> , 2010 , 3, 64-6	6.7	3
11	No evidence for linkage by transmission disequilibrium test analysis of microsatellite marker D22S278 and schizophrenia in a Palestinian Arab and in a German population. <i>American Journal of Medical Genetics Part A</i> , 2001 , 105, 328-31		3
10	Inositol-deficient food augments a behavioral effect of long-term lithium treatment mediated by inositol monophosphatase inhibition: an animal model with relevance for bipolar disorder. <i>Journal of Clinical Psychopharmacology</i> , 2015 , 35, 175-7	1.7	2
9	The 4-dedimethylamino derivative of tetracycline loses both ability to block cyclic AMP accumulation and ability to inhibit rat motor activity. <i>European Neuropsychopharmacology</i> , 1994 , 4, 419-420	1.2	2
8	Epi-inositol is ineffective in Porsolt Forced Swim Test model of depression. <i>Neuropsychiatric Disease and Treatment</i> , 2005 , 1, 189-90	3.1	2
7	Mechanism of lithium lethality in rats. <i>Journal of Psychiatric Research</i> , 1993 , 27, 415-422	5.2	1
6	S.07.05 The effects of transcranial magnetic stimulation on adrenergic receptors and brain monoamines. <i>European Neuropsychopharmacology</i> , 1997 , 7, S93-S94	1.2	
5	P.8.a.005 Familial heritability of increased homocysteine in schizophrenia. <i>European Neuropsychopharmacology</i> , 2006 , 16, S537	1.2	

- 4 Lack of effect of ECS on rat brain inositol monophosphatase activity and inositol levels and of i.c.v. inositol on ictal and post-ictal length. *Journal of Psychiatric Research*, **1996**, 30, 39-43 5.2
- 3 Inositol. *European Neuropsychopharmacology*, **1994**, 4, 165-166 1.2
- 2 Effects of inositol on lithium-induced EEG abnormalities. *European Neuropsychopharmacology*, **1994**, 4, 419 1.2
- 1 Failure of addition of lithium to imipramine to enhance activity in rats or mood in normal volunteers. *Basic and Clinical Pharmacology and Toxicology*, **1992**, 71 Suppl 1, 18-25