

Bruce M Cohen

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

3,681
citations

101496

36
h-index

143943

57
g-index

78
all docs

78
docs citations

78
times ranked

5540
citing authors

#	ARTICLE	IF	CITATIONS
1	Rare coding variants in ten genes confer substantial risk for schizophrenia. <i>Nature</i> , 2022, 604, 509-516.	13.7	326
2	Abnormal Glutamatergic Neurotransmission and Neuronal-Glial Interactions in Acute Mania. <i>Biological Psychiatry</i> , 2008, 64, 718-726.	0.7	244
3	Choline, myo-inositol and mood in bipolar disorder: a proton magnetic resonance spectroscopic imaging study of the anterior cingulate cortex. <i>Bipolar Disorders</i> , 2000, 2, 207-216.	1.1	183
4	Transcriptomic Landscape and Functional Characterization of Induced Pluripotent Stem Cell-Derived Cerebral Organoids in Schizophrenia. <i>JAMA Psychiatry</i> , 2020, 77, 745.	6.0	102
5	Differential brain network activity across mood states in bipolar disorder. <i>Journal of Affective Disorders</i> , 2017, 207, 367-376.	2.0	99
6	Late-onset Alzheimer's disease is associated with inherent changes in bioenergetics profiles. <i>Scientific Reports</i> , 2017, 7, 14038.	1.6	96
7	In Vivo Evidence for Cerebral Bioenergetic Abnormalities in Schizophrenia Measured Using ³¹ P Magnetization Transfer Spectroscopy. <i>JAMA Psychiatry</i> , 2014, 71, 19.	6.0	92
8	Effects of Chronic Social Defeat Stress on Sleep and Circadian Rhythms Are Mitigated by Kappa-Opioid Receptor Antagonism. <i>Journal of Neuroscience</i> , 2017, 37, 7656-7668.	1.7	92
9	Redox Dysregulation in Schizophrenia Revealed by in vivo NAD ⁺ /NADH Measurement. <i>Schizophrenia Bulletin</i> , 2017, 43, 197-204.	2.3	91
10	Association of the apolipoprotein E ϵ 4 allele with clinical subtypes of autopsy-confirmed Alzheimer's disease. <i>American Journal of Medical Genetics Part A</i> , 1994, 54, 199-205.	2.4	90
11	Mutations in the dopamine β -hydroxylase gene are associated with human norepinephrine deficiency. <i>American Journal of Medical Genetics Part A</i> , 2002, 108, 140-147.	2.4	88
12	Normal Ventricles in Young Schizophrenics. <i>British Journal of Psychiatry</i> , 1982, 141, 90-93.	1.7	85
13	Treatment to Enhance Cognition in Bipolar Disorder (TREC-BD). <i>Journal of Clinical Psychiatry</i> , 2017, 78, e1242-e1249.	1.1	83
14	Aberrant cerebellar connectivity in motor and association networks in schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 134.	1.0	82
15	Isolated Mitochondria Transfer Improves Neuronal Differentiation of Schizophrenia-Derived Induced Pluripotent Stem Cells and Rescues Deficits in a Rat Model of the Disorder. <i>Schizophrenia Bulletin</i> , 2018, 44, 432-442.	2.3	81
16	Repeated Exposure to the μ -Opioid Receptor Agonist Salvinorin A Modulates Extracellular Signal-Regulated Kinase and Reward Sensitivity. <i>Biological Psychiatry</i> , 2011, 70, 744-753.	0.7	74
17	Platelet membrane abnormality in Alzheimer's disease. <i>Annals of Neurology</i> , 1987, 22, 237-244.	2.8	72
18	Sequential dynamic susceptibility contrast MR experiments in human brain: Residual contrast agent effect, steady state, and hemodynamic perturbation. <i>Magnetic Resonance in Medicine</i> , 1995, 34, 655-663.	1.9	72

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19	Are Single-Item Global Ratings Useful for Assessing Health Status?. <i>Journal of Clinical Psychology in Medical Settings</i> , 2015, 22, 251-264.	0.8	72
20	State dependent cortico-amygdala circuit dysfunction in bipolar disorder. <i>Journal of Affective Disorders</i> , 2016, 201, 79-87.	2.0	72
21	The Human Ortholog of Acid-Sensing Ion Channel Gene ASIC1a Is Associated With Panic Disorder and Amygdala Structure and Function. <i>Biological Psychiatry</i> , 2014, 76, 902-910.	0.7	71
22	Cocaine decreases relative cerebral blood volume in humans: a dynamic susceptibility contrast magnetic resonance imaging study. <i>Psychopharmacology</i> , 1998, 138, 76-81.	1.5	62
23	Using Smartphone Apps to Promote Psychiatric and Physical Well-Being. <i>Psychiatric Quarterly</i> , 2015, 86, 505-519.	1.1	62
24	Transcriptome analysis and functional characterization of cerebral organoids in bipolar disorder. <i>Genome Medicine</i> , 2020, 12, 34.	3.6	62
25	Abnormal cerebral metabolism in polydrug abusers during early withdrawal: A31P MR spectroscopy study. <i>Magnetic Resonance in Medicine</i> , 1996, 35, 658-663.	1.9	59
26	Abnormalities in High-Energy Phosphate Metabolism in First-Episode Bipolar Disorder Measured Using 31P-Magnetic Resonance Spectroscopy. <i>Biological Psychiatry</i> , 2018, 84, 797-802.	0.7	58
27	Brain cells derived from Alzheimer's disease patients have multiple specific innate abnormalities in energy metabolism. <i>Molecular Psychiatry</i> , 2021, 26, 5702-5714.	4.1	54
28	A technique for detecting GABA in the human brain with PRESS localization and optimized refocusing spectral editing radiofrequency pulses. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 458-461.	1.9	50
29	MiR-126 Regulates Growth Factor Activities and Vulnerability to Toxic Insult in Neurons. <i>Molecular Neurobiology</i> , 2016, 53, 95-108.	1.9	48
30	Auditory steady state response deficits are associated with symptom severity and poor functioning in patients with psychotic disorder. <i>Schizophrenia Research</i> , 2018, 201, 278-286.	1.1	47
31	Pathway Analyses Implicate Glial Cells in Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e89441.	1.1	46
32	Synaptic deficits in iPSC-derived cortical interneurons in schizophrenia are mediated by NLGN2 and rescued by N-acetylcysteine. <i>Translational Psychiatry</i> , 2019, 9, 321.	2.4	45
33	Factors associated with overweight and obesity in schizophrenia, schizoaffective and bipolar disorders. <i>Psychiatry Research</i> , 2016, 237, 304-310.	1.7	44
34	On the Marketing and Use of Pharmacogenetic Tests for Psychiatric Treatment. <i>JAMA Psychiatry</i> , 2018, 75, 769.	6.0	44
35	Measuring Cognition in Bipolar Disorder with Psychosis Using the MATRICS Consensus Cognitive Battery. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 468-472.	1.2	41
36	Brain bioenergetics and redox state measured by 31 P magnetic resonance spectroscopy in unaffected siblings of patients with psychotic disorders. <i>Schizophrenia Research</i> , 2017, 187, 11-16.	1.1	40

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37	Oligodendrocyte differentiation of induced pluripotent stem cells derived from subjects with schizophrenias implicate abnormalities in development. <i>Translational Psychiatry</i> , 2018, 8, 230.	2.4	39
38	Aberrant Cerebellar Connectivity in Bipolar Disorder With Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 438-448.	1.1	35
39	In Vivo Brain Glycine and Glutamate Concentrations in Patients With First-Episode Psychosis Measured by Echo Time-Averaged Proton Magnetic Resonance Spectroscopy at 4T. <i>Biological Psychiatry</i> , 2018, 83, 484-491.	0.7	34
40	Impaired insulin signaling in unaffected siblings and patients with first-episode psychosis. <i>Molecular Psychiatry</i> , 2019, 24, 1513-1522.	4.1	32
41	Phosphorus magnetic resonance spectroscopy studies in schizophrenia. <i>Journal of Psychiatric Research</i> , 2015, 68, 157-166.	1.5	31
42	Cells in midline thalamus, central amygdala, and nucleus accumbens responding specifically to antipsychotic drugs. <i>Psychopharmacology</i> , 2003, 167, 403-410.	1.5	29
43	Diffusion tensor imaging in first degree relatives of schizophrenia and bipolar disorder patients. <i>Schizophrenia Research</i> , 2015, 161, 329-339.	1.1	29
44	The effects of pentazocine, a kappa agonist, in patients with mania. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 243-7.	1.0	28
45	Myelin vs Axon Abnormalities in White Matter in Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2015, 40, 1243-1249.	2.8	28
46	SIRT2 regulates mitochondrial dynamics and reprogramming via MEK1-ERK-DRP1 and AKT1-DRP1 axes. <i>Cell Reports</i> , 2021, 37, 110155.	2.9	28
47	Embracing Complexity in Psychiatric Diagnosis, Treatment, and Research. <i>JAMA Psychiatry</i> , 2016, 73, 1211.	6.0	27
48	Antidepressant-Resistant Depression in Patients With Comorbid Subclinical Hypothyroidism or High-Normal TSH Levels. <i>American Journal of Psychiatry</i> , 2018, 175, 598-604.	4.0	25
49	Visual hallucinations associated with multimodal hallucinations, suicide attempts and morbidity of illness in psychotic disorders. <i>Schizophrenia Research</i> , 2019, 208, 196-201.	1.1	24
50	A fixed dose study of the plasma concentration and clinical effects of thioridazine and its major metabolites. <i>Psychopharmacology</i> , 1989, 97, 481-488.	1.5	23
51	Using Smartphone Apps to Promote Psychiatric Rehabilitation in a Peer-Led Community Support Program: Pilot Study. <i>JMIR Mental Health</i> , 2018, 5, e10092.	1.7	23
52	Genetic Variants of Microtubule Actin Cross-linking Factor 1 (MACF1) Confer Risk for Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 2878-2888.	1.9	22
53	The 22q11.2 region regulates presynaptic gene-products linked to schizophrenia. <i>Nature Communications</i> , 2022, 13, .	5.8	22
54	Decreased Cingulate Cortex activation during cognitive control processing in bipolar disorder. <i>Journal of Affective Disorders</i> , 2017, 213, 86-95.	2.0	19

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55	Frequency of non-right-handedness in bipolar disorder and schizophrenia. <i>Psychiatry Research</i> , 2017, 253, 267-269.	1.7	18
56	Quantitation of dexfenfluramine/d-norfenfluramine concentration in primate brain using ¹⁹ F NMR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 149-154.	1.9	15
57	Alterations of Thalamic Activity in Schizophrenia and in Response to Antipsychotic Drugs Studies in the Legacy of Seymour S. Kety. <i>Neuropsychopharmacology</i> , 2001, 25, 305-312.	2.8	11
58	Drug elucidation: invertebrate genetics sheds new light on the molecular targets of CNS drugs. <i>Frontiers in Pharmacology</i> , 2014, 5, 177.	1.6	11
59	Prescription stimulant use is associated with earlier onset of psychosis. <i>Journal of Psychiatric Research</i> , 2015, 71, 41-47.	1.5	11
60	Antimanic Treatment With Tamoxifen Affects Brain Chemistry: A Double-Blind, Placebo-Controlled Proton Magnetic Resonance Spectroscopy Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 125-131.	1.1	10
61	Studies toward bivalent ¹⁸ O opioids derived from salvinorin A: heteromethylation of the furan ring reduces affinity. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2916-2924.	1.3	9
62	Clozapine Modulates Glucosylceramide, Clears Aggregated Proteins, and Enhances ATG8/LC3 in <i>Caenorhabditis elegans</i> . <i>Neuropsychopharmacology</i> , 2017, 42, 951-962.	2.8	9
63	Alternative Diagnostic Models of the Psychotic Disorders: Evidence-Based Choices. <i>Psychotherapy and Psychosomatics</i> , 2021, 90, 373-385.	4.0	9
64	The urgent need for more research on bipolar depression. <i>Lancet Psychiatry</i> , 2018, 5, e29-e30.	3.7	7
65	Evidence-Based Drug Treatment of Acute Depression in Bipolar Disorder. <i>JAMA Psychiatry</i> , 2019, 76, 1314.	6.0	5
66	Clinical Features of Psychotic Disorders: Comparing Categorical and Dimensional Models. <i>Psychiatric Research and Clinical Practice</i> , 2021, 3, 29-37.	1.3	4
67	Hypothesis and Theory: Characterizing Abnormalities of Energy Metabolism Using a Cellular Platform as a Personalized Medicine Approach for Alzheimer's Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 697578.	1.8	4
68	Sprouty2 in the Dorsal Hippocampus Regulates Neurogenesis and Stress Responsiveness in Rats. <i>PLoS ONE</i> , 2015, 10, e0120693.	1.1	4
69	Auditory hallucinations across the psychosis spectrum: Evidence of dysconnectivity involving cerebellar and temporal lobe regions. <i>NeuroImage: Clinical</i> , 2021, 32, 102893.	1.4	4
70	Establishing a Link Between Mitochondrial Dysfunction and Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 972-974.	0.6	3
71	Demographic and clinical characteristics associated with a history of bizarre delusions in a cross-diagnostic sample of individuals with psychotic disorders. <i>Asian Journal of Psychiatry</i> , 2018, 31, 82-85.	0.9	2
72	Pharmacogenetics in Psychiatry: A Companion, Rather Than Competitor, to Protocol-Based Care—Reply. <i>JAMA Psychiatry</i> , 2018, 75, 1090.	6.0	2

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73	Past due: improving the naming of psychiatric disorders. <i>Lancet Psychiatry</i> , 2022, 9, 264-266.	3.7	2
74	Plasma concentration of neuroleptic and serum prolactin in patients chronically receiving depot fluphenazine: No evidence of tolerance. <i>Human Psychopharmacology</i> , 1987, 2, 171-176.	0.7	1
75	6-Guanidinonaltrindole (6-GNTI) is a potent and functionally unique kappa opioid agonist that displays bias against beta-arrestin recruitment and receptor internalization. <i>FASEB Journal</i> , 2011, 25, 626.2.	0.2	0