

# Bruce M Cohen

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

3,681  
citations

101543

36  
h-index

144013

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.   | 27.8 | 326       |
| 2  | Abnormal Glutamatergic Neurotransmission and Neuronal-Glial Interactions in Acute Mania. <i>Biological Psychiatry</i> , 2008, 64, 718-726.   | 1.3  | 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.                                       | 1.9  | 183       |
| 4  | Transcriptomic Landscape and Functional Characterization of Induced Pluripotent Stem Cellâ€‘Derived Cerebral Organoids in Schizophrenia. <i>JAMA Psychiatry</i> , 2020, 77, 745.   | 11.0 | 102       |
| 5  | Differential brain network activity across mood states in bipolar disorder. <i>Journal of Affective Disorders</i> , 2017, 207, 367-376.  | 4.1  | 99        |
| 6  | Late-onset Alzheimerâ€™s disease is associated with inherent changes in bioenergetics profiles. <i>Scientific Reports</i> , 2017, 7, 14038.  | 3.3  | 96        |
| 7  | In Vivo Evidence for Cerebral Bioenergetic Abnormalities in Schizophrenia Measured Using <sup>31</sup> P Magnetization Transfer Spectroscopy. <i>JAMA Psychiatry</i> , 2014, 71, 19.   | 11.0 | 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.  | 3.6  | 92        |
| 9  | Redox Dysregulation in Schizophrenia Revealed by in vivo NAD <sup>+</sup> /NADH Measurement. <i>Schizophrenia Bulletin</i> , 2017, 43, 197-204.  | 4.3  | 91        |
| 10 | Association of the apolipoprotein E $\epsilon$ 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 $\beta$ -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.  | 2.8  | 85        |
| 13 | Treatment to Enhance Cognition in Bipolar Disorder (TREC-BD). <i>Journal of Clinical Psychiatry</i> , 2017, 78, e1242-e1249.   | 2.2  | 83        |
| 14 | Aberrant cerebellar connectivity in motor and association networks in schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 134.  | 2.0  | 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. | 4.3  | 81        |
| 16 | Repeated Exposure to the $\mu$ -Opioid Receptor Agonist Salvinorin A Modulates Extracellular Signal-Regulated Kinase and Reward Sensitivity. <i>Biological Psychiatry</i> , 2011, 70, 744-753.                                   | 1.3  | 74        |
| 17 | Platelet membrane abnormality in Alzheimer's disease. <i>Annals of Neurology</i> , 1987, 22, 237-244.  | 5.3  | 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.                 | 3.0  | 72        |

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|----|---|------|-----------|
| 19 | Are Single-Item Global Ratings Useful for Assessing Health Status?. Journal of Clinical Psychology in Medical Settings, 2015, 22, 251-264.  | 1.4  | 72        |
| 20 | State dependent cortico-amygdala circuit dysfunction in bipolar disorder. Journal of Affective Disorders, 2016, 201, 79-87.   | 4.1  | 72        |
| 21 | The Human Ortholog of Acid-Sensing Ion Channel Gene ASIC1a Is Associated With Panic Disorder and Amygdala Structure and Function. Biological Psychiatry, 2014, 76, 902-910.                   | 1.3  | 71        |
| 22 | Cocaine decreases relative cerebral blood volume in humans: a dynamic susceptibility contrast magnetic resonance imaging study. Psychopharmacology, 1998, 138, 76-81.                         | 3.1  | 62        |
| 23 | Using Smartphone Apps to Promote Psychiatric and Physical Well-Being. Psychiatric Quarterly, 2015, 86, 505-519.   | 2.1  | 62        |
| 24 | Transcriptome analysis and functional characterization of cerebral organoids in bipolar disorder. Genome Medicine, 2020, 12, 34.  | 8.2  | 62        |
| 25 | Abnormal cerebral metabolism in polydrug abusers during early withdrawal: A31P MR spectroscopy study. Magnetic Resonance in Medicine, 1996, 35, 658-663.                                      | 3.0  | 59        |
| 26 | Abnormalities in High-Energy Phosphate Metabolism in First-Episode Bipolar Disorder Measured Using 31P-Magnetic Resonance Spectroscopy. Biological Psychiatry, 2018, 84, 797-802.             | 1.3  | 58        |
| 27 | Brain cells derived from Alzheimer's disease patients have multiple specific innate abnormalities in energy metabolism. Molecular Psychiatry, 2021, 26, 5702-5714.                            | 7.9  | 54        |
| 28 | A technique for detecting GABA in the human brain with PRESS localization and optimized refocusing spectral editing radiofrequency pulses. Magnetic Resonance in Medicine, 1996, 36, 458-461. | 3.0  | 50        |
| 29 | MiR-126 Regulates Growth Factor Activities and Vulnerability to Toxic Insult in Neurons. Molecular Neurobiology, 2016, 53, 95-108.  | 4.0  | 48        |
| 30 | Auditory steady state response deficits are associated with symptom severity and poor functioning in patients with psychotic disorder. Schizophrenia Research, 2018, 201, 278-286.            | 2.0  | 47        |
| 31 | Pathway Analyses Implicate Glial Cells in Schizophrenia. PLoS ONE, 2014, 9, e89441.   | 2.5  | 46        |
| 32 | Synaptic deficits in iPSC-derived cortical interneurons in schizophrenia are mediated by NLGN2 and rescued by N-acetylcysteine. Translational Psychiatry, 2019, 9, 321.                       | 4.8  | 45        |
| 33 | Factors associated with overweight and obesity in schizophrenia, schizoaffective and bipolar disorders. Psychiatry Research, 2016, 237, 304-310.  | 3.3  | 44        |
| 34 | On the Marketing and Use of Pharmacogenetic Tests for Psychiatric Treatment. JAMA Psychiatry, 2018, 75, 769.  | 11.0 | 44        |
| 35 | Measuring Cognition in Bipolar Disorder with Psychosis Using the MATRICS Consensus Cognitive Battery. Journal of the International Neuropsychological Society, 2015, 21, 468-472.             | 1.8  | 41        |
| 36 | Brain bioenergetics and redox state measured by 31 P magnetic resonance spectroscopy in unaffected siblings of patients with psychotic disorders. Schizophrenia Research, 2017, 187, 11-16.   | 2.0  | 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.                         | 4.8  | 39        |
| 38 | Aberrant Cerebellar Connectivity in Bipolar Disorder With Psychosis. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 438-448.  | 1.5  | 35        |
| 39 | InÂVivo Brain Glycine and Glutamate Concentrations in Patients With First-Episode Psychosis Measured by Echo Timeâ€Averaged Proton Magnetic Resonance Spectroscopy at 4T. <i>Biological Psychiatry</i> , 2018, 83, 484-491. | 1.3  | 34        |
| 40 | Impaired insulin signaling in unaffected siblings and patients with first-episode psychosis. <i>Molecular Psychiatry</i> , 2019, 24, 1513-1522.   | 7.9  | 32        |
| 41 | Phosphorus magnetic resonance spectroscopy studies in schizophrenia. <i>Journal of Psychiatric Research</i> , 2015, 68, 157-166.  | 3.1  | 31        |
| 42 | Cells in midline thalamus, central amygdala, and nucleus accumbens responding specifically to antipsychotic drugs. <i>Psychopharmacology</i> , 2003, 167, 403-410.  | 3.1  | 29        |
| 43 | Diffusion tensor imaging in first degree relatives of schizophrenia and bipolar disorder patients. <i>Schizophrenia Research</i> , 2015, 161, 329-339.  | 2.0  | 29        |
| 44 | The effects of pentazocine, a kappa agonist, in patients with mania. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 243-7.   | 2.1  | 28        |
| 45 | Myelin vs Axon Abnormalities in White Matter in Bipolar Disorder. <i>Neuropsychopharmacology</i> , 2015, 40, 1243-1249.   | 5.4  | 28        |
| 46 | SIRT2 regulates mitochondrial dynamics and reprogramming via MEK1-ERK-DRP1 and AKT1-DRP1 axes. <i>Cell Reports</i> , 2021, 37, 110155.  | 6.4  | 28        |
| 47 | Embracing Complexity in Psychiatric Diagnosis, Treatment, and Research. <i>JAMA Psychiatry</i> , 2016, 73, 1211.  | 11.0 | 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.   | 7.2  | 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.                                      | 2.0  | 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.   | 3.1  | 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.  | 3.3  | 23        |
| 52 | Genetic Variants of Microtubule Actin Cross-linking Factor 1 (MACF1) Confer Risk for Parkinsonâ€™s Disease. <i>Molecular Neurobiology</i> , 2017, 54, 2878-2888.  | 4.0  | 22        |
| 53 | The 22q11.2 region regulates presynaptic gene-products linked to schizophrenia. <i>Nature Communications</i> , 2022, 13, .  | 12.8 | 22        |
| 54 | Decreased Cingulate Cortex activation during cognitive control processing in bipolar disorder. <i>Journal of Affective Disorders</i> , 2017, 213, 86-95.  | 4.1  | 19        |

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|----|--|------|-----------|
| 55 | Frequency of non-right-handedness in bipolar disorder and schizophrenia. <i>Psychiatry Research</i> , 2017, 253, 267-269.  | 3.3  | 18        |
| 56 | Quantitation of dexfenfluramine/d-norfenfluramine concentration in primate brain using <sup>19</sup> F NMR spectroscopy. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 149-154.  | 3.0  | 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.   | 5.4  | 11        |
| 58 | Drug elucidation: invertebrate genetics sheds new light on the molecular targets of CNS drugs. <i>Frontiers in Pharmacology</i> , 2014, 5, 177.  | 3.5  | 11        |
| 59 | Prescription stimulant use is associated with earlier onset of psychosis. <i>Journal of Psychiatric Research</i> , 2015, 71, 41-47.  | 3.1  | 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. | 1.5  | 10        |
| 61 | Studies toward bivalent $\mu$ opioids derived from salvinorin A: heteromethylation of the furan ring reduces affinity. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2916-2924.   | 2.2  | 9         |
| 62 | Clozapine Modulates Glucosylceramide, Clears Aggregated Proteins, and Enhances ATG8/LC3 in <i>Caenorhabditis elegans</i> . <i>Neuropsychopharmacology</i> , 2017, 42, 951-962.   | 5.4  | 9         |
| 63 | Alternative Diagnostic Models of the Psychotic Disorders: Evidence-Based Choices. <i>Psychotherapy and Psychosomatics</i> , 2021, 90, 373-385.   | 8.8  | 9         |
| 64 | The urgent need for more research on bipolar depression. <i>Lancet Psychiatry</i> , 2018, 5, e29-e30.  | 7.4  | 7         |
| 65 | Evidence-Based Drug Treatment of Acute Depression in Bipolar Disorder. <i>JAMA Psychiatry</i> , 2019, 76, 1314.  | 11.0 | 5         |
| 66 | Clinical Features of Psychotic Disorders: Comparing Categorical and Dimensional Models. <i>Psychiatric Research and Clinical Practice</i> , 2021, 3, 29-37.  | 2.4  | 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.  | 3.7  | 4         |
| 68 | Sprouty2 in the Dorsal Hippocampus Regulates Neurogenesis and Stress Responsiveness in Rats. <i>PLoS ONE</i> , 2015, 10, e0120693.   | 2.5  | 4         |
| 69 | Auditory hallucinations across the psychosis spectrum: Evidence of dysconnectivity involving cerebellar and temporal lobe regions. <i>NeuroImage: Clinical</i> , 2021, 32, 102893.   | 2.7  | 4         |
| 70 | Establishing a Link Between Mitochondrial Dysfunction and Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 972-974.   | 1.2  | 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.                    | 2.0  | 2         |
| 72 | Pharmacogenetics in Psychiatry: A Companion, Rather Than Competitor, to Protocol-Based Care—Reply. <i>JAMA Psychiatry</i> , 2018, 75, 1090.  | 11.0 | 2         |

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|----|---|-----|-----------|
| 73 | Past due: improving the naming of psychiatric disorders. Lancet Psychiatry, 2022, 9, 264-266.   | 7.4 | 2         |
| 74 | Plasma concentration of neuroleptic and serum prolactin in patients chronically receiving depot fluphenazine: No evidence of tolerance. Human Psychopharmacology, 1987, 2, 171-176.                                     | 1.5 | 1         |
| 75 | 6â€²â€²Guanidinonaltrindole (6â€²â€²GNTI) is a potent and functionally unique kappa opioid agonist that displays bias against betaâ€²arrestin recruitment and receptor internalization. FASEB Journal, 2011, 25, 626.2. | 0.5 | 0         |