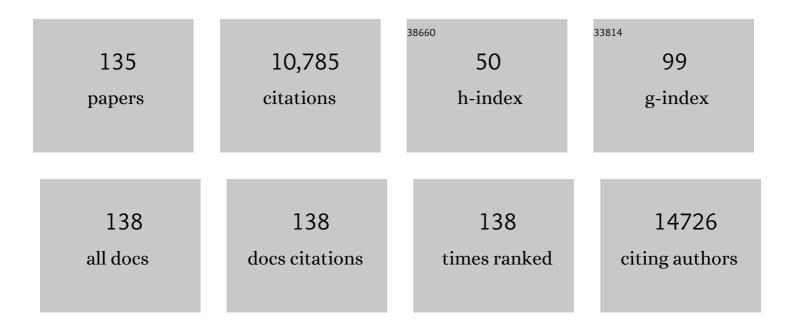
Jonathan B Savitz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	In vivo hippocampal subfield volumes in bipolar disorder—A megaâ€analysis from The Enhancing Neuro Imaging Genetics through <scp>Metaâ€Analysis</scp> Bipolar Disorder Working Group. Human Brain Mapping, 2022, 43, 385-398.	1.9	41
2	Behavioral activation therapy for depression is associated with a reduction in the concentration of circulating quinolinic acid. Psychological Medicine, 2022, 52, 2500-2509.	2.7	5
3	The Kynurenine Pathway in Traumatic Brain Injury: Implications for Psychiatric Outcomes. Biological Psychiatry, 2022, 91, 449-458.	0.7	20
4	Extracellular vesicle-associated cytokines in sport-related concussion. Brain, Behavior, and Immunity, 2022, 100, 83-87.	2.0	10
5	Neuronally-enriched exosomal microRNA-27b mediates acute effects of ibuprofen on reward-related brain activity in healthy adults: a randomized, placebo-controlled, double-blind trial. Scientific Reports, 2022, 12, 861.	1.6	4
6	Blood versus cerebrospinal fluid: Kynurenine pathway metabolites in depression. Brain, Behavior, and Immunity, 2022, 101, 333-334.	2.0	4
7	Impact of serotonergic medication on interoception in major depressive disorder. Biological Psychology, 2022, 169, 108286.	1.1	9
8	Elevated Systemic Inflammation Is Associated with Reduced Corticolimbic White Matter Integrity in Depression. Life, 2022, 12, 43.	1.1	5
9	Diagnosis of bipolar disorders and body mass index predict clustering based on similarities in cortical thickness—ENIGMA study in 2436 individuals. Bipolar Disorders, 2022, 24, 509-520.	1.1	5
10	Effect of Cytomegalovirus Infection on the Central Nervous System: Implications for Psychiatric Disorders. Current Topics in Behavioral Neurosciences, 2022, , 215-241.	0.8	4
11	Therapeutic Implications of the Microbial Hypothesis of Mental Illness. Current Topics in Behavioral Neurosciences, 2022, , 315-351.	0.8	5
12	Behavioral and neural responses during fear conditioning and extinction in a large transdiagnostic sample. NeuroImage: Clinical, 2022, 35, 103060.	1.4	3
13	Depression, aging, and immunity: implications for COVID-19 vaccine immunogenicity. Immunity and Ageing, 2022, 19, .	1.8	6
14	C-Reactive protein and the kynurenic acid to quinolinic acid ratio are independently associated with white matter integrity in major depressive disorder. Brain, Behavior, and Immunity, 2022, 105, 180-189.	2.0	7
15	Psychiatric symptoms are not associated with circulating CRP concentrations after controlling for medical, social, and demographic factors. Translational Psychiatry, 2022, 12, .	2.4	4
16	The kynurenine pathway in bipolar disorder: a meta-analysis on the peripheral blood levels of tryptophan and related metabolites. Molecular Psychiatry, 2021, 26, 3419-3429.	4.1	55
17	A hidden menace? Cytomegalovirus infection is associated with reduced cortical gray matter volume in major depressive disorder. Molecular Psychiatry, 2021, 26, 4234-4244.	4.1	19
18	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. Molecular Psychiatry, 2021, 26, 5124-5139.	4.1	136

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19	Positive association between serum quinolinic acid and functional connectivity following concussion. Brain, Behavior, and Immunity, 2021, 91, 531-540.	2.0	11
20	Prevent breaking bad: A proof of concept study of rebalancing the brain's rumination circuit with realâ€ŧime fMRI functional connectivity neurofeedback. Human Brain Mapping, 2021, 42, 922-940.	1.9	15
21	Real-time fMRI neurofeedback amygdala training may influence kynurenine pathway metabolism in major depressive disorder. NeuroImage: Clinical, 2021, 29, 102559.	1.4	16
22	Research Letter: Sleep Mediates the Association Between Prior Concussion and Depressive Symptoms. Journal of Head Trauma Rehabilitation, 2021, 36, E284-E288.	1.0	4
23	Elevated peripheral inflammation is associated with attenuated striatal reward anticipation in major depressive disorder. Brain, Behavior, and Immunity, 2021, 93, 214-225.	2.0	39
24	Sex differences in circulating inflammatory mediators as a function of substance use disorder. Drug and Alcohol Dependence, 2021, 221, 108610.	1.6	0
25	Association between body mass index and subcortical brain volumes in bipolar disorders–ENIGMA study in 2735 individuals. Molecular Psychiatry, 2021, 26, 6806-6819.	4.1	24
26	Behavioral activation therapy for depression is associated with a reduction in the concentration of circulating quinolinic acid $\hat{a} \in $ " Erratum. Psychological Medicine, 2021, , 1-1.	2.7	0
27	Impact of ibuprofen and peroxisome proliferator-activated receptor gamma on emotion-related neural activation: A randomized, placebo-controlled trial. Brain, Behavior, and Immunity, 2021, 96, 135-142.	2.0	7
28	Association between cytomegalovirus infection, reduced gray matter volume, and resting-state functional hypoconnectivity in major depressive disorder: a replication and extension. Translational Psychiatry, 2021, 11, 464.	2.4	11
29	Polygenic risk for neuroticism moderates response to gains and losses in amygdala and caudate: Evidence from a clinical cohort. Journal of Affective Disorders, 2021, 293, 124-132.	2.0	5
30	Replicable association between human cytomegalovirus infection and reduced white matter fractional anisotropy in major depressive disorder. Neuropsychopharmacology, 2021, 46, 928-938.	2.8	16
31	Canonical EEG microstates transitions reflect switching among BOLD resting state networks and predict fMRI signal. Journal of Neural Engineering, 2021, 18, 066051.	1.8	2
32	The kynurenine pathway: a finger in every pie. Molecular Psychiatry, 2020, 25, 131-147.	4.1	350
33	Evaluating the resource allocation index as a potential fMRI-based biomarker for substance use disorder. Drug and Alcohol Dependence, 2020, 216, 108211.	1.6	1
34	Imprecise action selection in substance use disorder: Evidence for active learning impairments when solving the explore-exploit dilemma. Drug and Alcohol Dependence, 2020, 215, 108208.	1.6	42
35	Heightened affective response to perturbation of respiratory but not pain signals in eating, mood, and anxiety disorders. PLoS ONE, 2020, 15, e0235346.	1.1	16
36	Systemic inflammation moderates the association of prior concussion with hippocampal volume and episodic memory in high school and collegiate athletes. Brain, Behavior, and Immunity, 2020, 89, 380-388.	2.0	8

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37	Parsing impulsivity in individuals with anxiety and depression who use Cannabis. Drug and Alcohol Dependence, 2020, 217, 108289.	1.6	7
38	Toll-Like Receptor Signaling in Depression. Psychoneuroendocrinology, 2020, 121, 104843.	1.3	47
39	Women with Major Depressive Disorder, Irrespective of Comorbid Anxiety Disorders, Show Blunted Bilateral Frontal Responses during Win and Loss Anticipation. Journal of Affective Disorders, 2020, 273, 157-166.	2.0	4
40	Attenuated reward activations associated with cannabis use in anxious/depressed individuals. Translational Psychiatry, 2020, 10, 189.	2.4	12
41	Prospective study of the effects of sport-related concussion on serum kynurenine pathway metabolites. Brain, Behavior, and Immunity, 2020, 87, 715-724.	2.0	13
42	Connectome-wide search for functional connectivity locus associated with pathological rumination as a target for real-time fMRI neurofeedback intervention. NeuroImage: Clinical, 2020, 26, 102244.	1.4	24
43	A Prospective Study of Acute Bloodâ€Based Biomarkers for Sportâ€Related Concussion. Annals of Neurology, 2020, 87, 907-920.	2.8	55
44	Diagnosis-independent loss of T-cell costimulatory molecules in individuals with cytomegalovirus infection. Brain, Behavior, and Immunity, 2020, 87, 795-803.	2.0	12
45	A Bayesian computational model reveals a failure to adapt interoceptive precision estimates across depression, anxiety, eating, and substance use disorders. PLoS Computational Biology, 2020, 16, e1008484.	1.5	81
46	Web-Based Graphic Representation of the Life Course of Mental Health: Cross-Sectional Study Across the Spectrum of Mood, Anxiety, Eating, and Substance Use Disorders. JMIR Mental Health, 2020, 7, e16919.	1.7	9
47	Diminished responses to bodily threat and blunted interoception in suicide attempters. ELife, 2020, 9, .	2.8	40
48	New Approaches in Translational Medicine for Phase I Clinical Trials of CNS Drugs. Handbook of Behavioral Neuroscience, 2019, 29, 81-91.	0.7	1
49	Acute elevation of serum inflammatory markers predicts symptom recovery after concussion. Neurology, 2019, 93, e497-e507.	1.5	61
50	Association of Early-Life Stress With Cytomegalovirus Infection in Adults With Major Depressive Disorder. JAMA Psychiatry, 2019, 76, 545.	6.0	16
51	EEG Microstates Temporal Dynamics Differentiate Individuals with Mood and Anxiety Disorders From Healthy Subjects. Frontiers in Human Neuroscience, 2019, 13, 56.	1.0	54
52	Machine Learning Analysis of the Relationships Between Gray Matter Volume and Childhood Trauma in a Transdiagnostic Community-Based Sample. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 734-742.	1.1	11
53	Reduced immunity to measles in adults with major depressive disorder. Psychological Medicine, 2019, 49, 243-249.	2.7	27
54	Treatment of bipolar depression with minocycline and/or aspirin: an adaptive, 2×2 double-blind, randomized, placebo-controlled, phase IIA clinical trial. Translational Psychiatry, 2018, 8, 27.	2.4	105

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55	Interoception and Inflammation in Psychiatric Disorders. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 514-524.	1.1	61
56	Interoception and Mental Health: A Roadmap. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 501-513.	1.1	524
57	Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. Molecular Psychiatry, 2018, 23, 932-942.	4.1	558
58	Kynurenic acid is reduced in females and oral contraceptive users: Implications for depression. Brain, Behavior, and Immunity, 2018, 67, 59-64.	2.0	40
59	A Nonlinear Simulation Framework Supports Adjusting for Age When Analyzing BrainAGE. Frontiers in Aging Neuroscience, 2018, 10, 317.	1.7	183
60	Identification and replication of RNA-Seq gene network modules associated with depression severity. Translational Psychiatry, 2018, 8, 180.	2.4	37
61	Clinical Applications of Neuroimaging in Psychiatric Disorders. American Journal of Psychiatry, 2018, 175, 915-916.	4.0	37
62	Musings on mania: A role for T-lymphocytes?. Brain, Behavior, and Immunity, 2018, 73, 151-152.	2.0	3
63	Tulsa 1000: a naturalistic study protocol for multilevel assessment and outcome prediction in a large psychiatric sample. BMJ Open, 2018, 8, e016620.	0.8	88
64	Differential privacy-based evaporative cooling feature selection and classification with relief-F and random forests. Bioinformatics, 2017, 33, 2906-2913.	1.8	24
65	Serum kynurenic acid is reduced in affective psychosis. Translational Psychiatry, 2017, 7, e1115-e1115.	2.4	81
66	Sleep disturbance and kynurenine metabolism in depression. Journal of Psychosomatic Research, 2017, 99, 1-7.	1.2	46
67	Co-altered functional networks and brain structure in unmedicated patients with bipolar and major depressive disorders. Brain Structure and Function, 2017, 222, 4051-4064.	1.2	77
68	Altered populations of natural killer cells, cytotoxic T lymphocytes, and regulatory T cells in major depressive disorder: Association with sleep disturbance. Brain, Behavior, and Immunity, 2017, 66, 193-200.	2.0	66
69	Sex differences in neural responses to subliminal sad and happy faces in healthy individuals: Implications for depression. Journal of Neuroscience Research, 2017, 95, 703-710.	1.3	13
70	Abnormalities in Functional Connectivity in Collegiate Football Athletes with and without a Concussion History: Implications and Role of Neuroactive Kynurenine Pathway Metabolites. Journal of Neurotrauma, 2017, 34, 824-837.	1.7	21
71	Smaller Dentate Gyrus and CA2 and CA3 Volumes Are Associated with Kynurenine Metabolites in Collegiate Football Athletes. Journal of Neurotrauma, 2016, 33, 1349-1357.	1.7	28
72	Kynurenine pathway metabolites are associated with hippocampal activity during autobiographical memory recall in patients with depression. Brain, Behavior, and Immunity, 2016, 56, 335-342.	2.0	65

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73	Role of Kynurenine Metabolism Pathway Activation in Major Depressive Disorders. Current Topics in Behavioral Neurosciences, 2016, 31, 249-267.	0.8	64
74	Neuropathology of mood disorders: do we see the stigmata of inflammation?. Translational Psychiatry, 2016, 6, e946-e946.	2.4	136
75	Individual Variations in Nucleus Accumbens Responses Associated with Major Depressive Disorder Symptoms. Scientific Reports, 2016, 6, 21227.	1.6	36
76	Relationship between neurotoxic kynurenine metabolites and reductions in right medial prefrontal cortical thickness in major depressive disorder. Brain, Behavior, and Immunity, 2016, 53, 39-48.	2.0	136
77	Mood symptoms correlate with kynurenine pathway metabolites following sports-related concussion. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 670-675.	0.9	31
78	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. Journal of Affective Disorders, 2016, 190, 483-493.	2.0	102
79	Neuroimaging Studies of Bipolar Depression: Therapeutic Implications. Milestones in Drug Therapy, 2016, , 137-181.	0.1	2
80	Contrast enhancement by combining T1- and T2-weighted structural brain MR Images. Magnetic Resonance in Medicine, 2015, 74, 1609-1620.	1.9	34
81	Activation of the kynurenine pathway is associated with striatal volume in major depressive disorder. Psychoneuroendocrinology, 2015, 62, 54-58.	1.3	80
82	Reduction of kynurenic acid to quinolinic acid ratio in both the depressed and remitted phases of major depressive disorder. Brain, Behavior, and Immunity, 2015, 46, 55-59.	2.0	162
83	Neuroprotective kynurenine metabolite indices are abnormally reduced and positively associated with hippocampal and amygdalar volume in bipolar disorder. Psychoneuroendocrinology, 2015, 52, 200-211.	1.3	106
84	Putative Neuroprotective and Neurotoxic Kynurenine Pathway Metabolites Are Associated with Hippocampal and Amygdalar Volumes in Subjects with Major Depressive Disorder. Neuropsychopharmacology, 2015, 40, 463-471.	2.8	199
85	Relationship of Collegiate Football Experience and Concussion With Hippocampal Volume and Cognitive Outcomes. JAMA - Journal of the American Medical Association, 2014, 311, 1883.	3.8	109
86	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	1.1	696
87	Neuropathological and neuromorphometric abnormalities in bipolar disorder: View from the medial prefrontal cortical network. Neuroscience and Biobehavioral Reviews, 2014, 42, 132-147.	2.9	126
88	Clinical application of brain imaging for the diagnosis of mood disorders: the current state of play. Molecular Psychiatry, 2013, 18, 528-539.	4.1	166
89	Inflammation and neurological disease-related genes are differentially expressed in depressed patients with mood disorders and correlate with morphometric and functional imaging abnormalities. Brain, Behavior, and Immunity, 2013, 31, 161-171.	2.0	127
90	Neuroreceptor imaging in depression. Neurobiology of Disease, 2013, 52, 49-65.	2.1	134

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91	Catecholamine depletion in first-degree relatives of individuals with mood disorders: An [18F]fluorodeoxyglucose positron emission tomography study. NeuroImage: Clinical, 2013, 2, 341-355.	1.4	3
92	DRD2/ANKK1 Taq1A polymorphism (rs1800497) has opposing effects on D2/3 receptor binding in healthy controls and patients with major depressive disorder. International Journal of Neuropsychopharmacology, 2013, 16, 2095-2101.	1.0	51
93	Reproduced from Habenula volume in bipolar disorder and major depressive disorder: a high-resolution magnetic resonance imaging study. Molecular Psychiatry, 2013, 18, 523-523.	4.1	10
94	The Functional DRD3 Ser9Gly Polymorphism (rs6280) Is Pleiotropic, Affecting Reward as Well as Movement. PLoS ONE, 2013, 8, e54108.	1.1	60
95	Minocycline and aspirin in the treatment of bipolar depression: a protocol for a proof-of-concept, randomised, double-blind, placebo-controlled, 2×2 clinical trial. BMJ Open, 2012, 2, e000643.	0.8	67
96	Epistasis network centrality analysis yields pathway replication across two GWAS cohorts for bipolar disorder. Translational Psychiatry, 2012, 2, e154-e154.	2.4	56
97	Common variants at 12q14 and 12q24 are associated with hippocampal volume. Nature Genetics, 2012, 44, 545-551.	9.4	212
98	Effects of arterial cannulation stress on regional cerebral blood flow in major depressive disorder. Scientific Reports, 2012, 2, 308.	1.6	4
99	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	9.4	594
100	Habenula Volume in Bipolar Disorder and Major Depressive Disorder: A High-Resolution Magnetic Resonance Imaging Study. Biological Psychiatry, 2011, 69, 336-343.	0.7	159
101	Genetic variation in cholinergic muscarinic-2 receptor gene modulates M2 receptor binding in vivo and accounts for reduced binding in bipolar disorder. Molecular Psychiatry, 2011, 16, 407-418.	4.1	52
102	Habenula volume in post-traumatic stress disorder measured with high-resolution MRI. Biology of Mood & Anxiety Disorders, 2011, 1, 7.	4.7	32
103	Catechol-o-Methyltransferase Genotype and Childhood Trauma May Interact to Impact Schizotypal Personality Traits. Behavior Genetics, 2010, 40, 415-423.	1.4	32
104	Neuroimaging and Neuropathological Findings in Bipolar Disorder. Current Topics in Behavioral Neurosciences, 2010, 5, 201-225.	0.8	5
105	Amygdala volume in depressed patients with bipolar disorder assessed using high resolution 3T MRI: The impact of medication. NeuroImage, 2010, 49, 2966-2976.	2.1	103
106	Bipolar and major depressive disorder: Neuroimaging the developmental-degenerative divide. Neuroscience and Biobehavioral Reviews, 2009, 33, 699-771.	2.9	433
107	Imaging phenotypes of major depressive disorder: genetic correlates. Neuroscience, 2009, 164, 300-330.	1.1	198
108	5-HT1A receptor function in major depressive disorder. Progress in Neurobiology, 2009, 88, 17-31.	2.8	482

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109	Bipolar Disorder: Emotional Dysregulation and Neuronal Vulnerability. CNS Spectrums, 2009, 14, 122-126.	0.7	10
110	Neuropsychological status of bipolar I disorder: impact of psychosis. British Journal of Psychiatry, 2009, 194, 243-251.	1.7	55
111	Neuroimaging studies of bipolar depression: therapeutic implications. , 2009, , 117-144.		0
112	Personality endophenotypes for bipolar affective disorder: a familyâ€based genetic association analysis. Genes, Brain and Behavior, 2008, 7, 869-876.	1.1	52
113	Neuropsychological task performance in bipolar spectrum illness: genetics, alcohol abuse, medication and childhood trauma. Bipolar Disorders, 2008, 10, 479-494.	1.1	98
114	Dysthymic and anxiety-related personality traits in bipolar spectrum illness. Journal of Affective Disorders, 2008, 109, 305-311.	2.0	36
115	Hypomanic, cyclothymic and hostile personality traits in bipolar spectrum illness: A family-based study. Journal of Psychiatric Research, 2008, 42, 920-929.	1.5	61
116	The relationship between childhood abuse and dissociation. Is it influenced by catechol-O-methyltransferase (COMT) activity?. International Journal of Neuropsychopharmacology, 2008, 11, 149-61.	1.0	46
117	The Subgenual Anterior Cingulate Cortex in Mood Disorders. CNS Spectrums, 2008, 13, 663-681.	0.7	920
118	Brain-Derived Neurotrophic Factor: <i>The Neurotrophin Hypothesis of Psychopathology</i> . CNS Spectrums, 2008, 13, 945-949.	0.7	32
119	Genotype and Childhood Sexual Trauma Moderate Neurocognitive Performance: A Possible Role for Brain-Derived Neurotrophic Factor and Apolipoprotein E Variants. Biological Psychiatry, 2007, 62, 391-399.	0.7	59
120	Preliminary evidence for linkage to chromosome 1q31-32, 10q23.3, and 16p13.3 in a South African cohort with bipolar disorder. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 383-387.	1.1	9
121	Lateralization of hand skill in bipolar affective disorder. Genes, Brain and Behavior, 2007, 6, 698-705.	1.1	41
122	A linkage and family-based association analysis of a potential neurocognitive endophenotype of bipolar disorder. NeuroMolecular Medicine, 2007, 9, 101-116.	1.8	7
123	A linkage and family-based association analysis of a potential neurocognitive endophenotype of bipolar disorder. NeuroMolecular Medicine, 2007, 9, 101-116.	1.8	0
124	Neurocognitive function in an extended Afrikaner-ancestry family with affective illness. Journal of Psychiatry and Neuroscience, 2007, 32, 116-20.	1.4	5
125	Warriors Versus Worriers: The Role of COMT Gene Variants. CNS Spectrums, 2006, 11, 745-748.	0.7	139
126	Personality: is it a viable endophenotype for genetic studies of bipolar affective disorder?. Bipolar Disorders, 2006, 8, 322-337.	1.1	52

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127	The molecular genetics of cognition: dopamine, COMT and BDNF. Genes, Brain and Behavior, 2006, 5, 311-328.	1.1	275
128	Apolipoprotein E variants and cognition in healthy individuals: A critical opinion. Brain Research Reviews, 2006, 51, 125-135.	9.1	37
129	Trends in Suicidology: Personality as an Endophenotype for Molecular Genetic Investigations. PLoS Medicine, 2006, 3, e107.	3.9	32
130	Mainstream and Remedial School Attention Deficit Hyperactivity Disorder Boys: More Alike than Different. South African Journal of Psychology, 2005, 35, 73-88.	1.0	1
131	Neurocognitive Function as an Endophenotype for Genetic Studies of Bipolar Affective Disorder. NeuroMolecular Medicine, 2005, 7, 275-286.	1.8	54
132	Neuropsychological dysfunction in bipolar affective disorder: a critical opinion. Bipolar Disorders, 2005, 7, 216-235.	1.1	157
133	Genetic variants implicated in personality: A review of the more promising candidates. American Journal of Medical Genetics Part A, 2004, 131B, 20-32.	2.4	129
134	Dissociative identity disorder associated with mania and change in handedness. Cognitive and Behavioral Neurology, 2004, 17, 233-7.	0.5	7
135	The Stroop Color-Word Interference Test as an Indicator of ADHD in Poor Readers. Journal of Genetic Psychology, 2003, 164, 319-333.	0.6	32