Michael Browning

List of Publications by Year
in descending order

80 papers	3,556 citations	186265 28 h-index	155660 55 g-index
104 all docs	104 docs citations	104 times ranked	4186 citing authors

#	Article	IF	Citations
1	Anxious individuals have difficulty learning the causal statistics of aversive environments. Nature Neuroscience, 2015, 18, 590-596.	14.8	294
2	What has serotonin to do with depression?. World Psychiatry, 2015, 14, 158-160.	10.4	226
3	A single dose of citalopram increases fear recognition in healthy subjects. Journal of Psychopharmacology, 2007, 21, 684-690.	4.0	214
4	The modification of attentional bias to emotional information: A review of the techniques, mechanisms, and relevance to emotional disorders. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 8-20.	2.0	211
5	Lateral Prefrontal Cortex Mediates the Cognitive Modification of Attentional Bias. Biological Psychiatry, 2010, 67, 919-925.	1.3	202
6	Using Attentional Bias Modification as a Cognitive Vaccine Against Depression. Biological Psychiatry, 2012, 72, 572-579.	1.3	162
7	Positive Imagery-Based Cognitive Bias Modification as a Web-Based Treatment Tool for Depressed Adults. Clinical Psychological Science, 2015, 3, 91-111.	4.0	159
8	The Causal Role of the Dorsolateral Prefrontal Cortex in the Modification of Attentional Bias: Evidence from Transcranial Direct Current Stimulation. Biological Psychiatry, 2014, 76, 946-952.	1.3	152
9	Early changes in emotional processing as a marker of clinical response to SSRI treatment in depression. Translational Psychiatry, 2016, 6, e957-e957.	4.8	143
10	A cognitive neuropsychological model of antidepressant drug action. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1586-1592.	4.8	107
11	Internet-Based Attention Bias Modification for Social Anxiety: A Randomised Controlled Comparison of Training towards Negative and Training Towards Positive Cues. PLoS ONE, 2013, 8, e71760.	2.5	91
12	The Misestimation of Uncertainty in Affective Disorders. Trends in Cognitive Sciences, 2019, 23, 865-875.	7.8	89
13	Effect of Prefrontal Cortex Stimulation on Regulation of Amygdala Response to Threat in Individuals With Trait Anxiety. JAMA Psychiatry, 2019, 76, 71.	11.0	84
14	Can Neuroimaging Help Us to Understand and Classify Somatoform Disorders? A Systematic and Critical Review. Psychosomatic Medicine, 2011, 73, 173-184.	2.0	82
15	A Selective Nociceptin Receptor Antagonist to Treat Depression: Evidence from Preclinical and Clinical Studies. Neuropsychopharmacology, 2016, 41, 1803-1812.	5.4	82
16	Predicting Treatment Response in Depression: The Role of Anterior Cingulate Cortex. International Journal of Neuropsychopharmacology, 2018, 21, 988-996.	2.1	70
17	Advances in the computational understanding of mental illness. Neuropsychopharmacology, 2021, 46, 3-19.	5.4	70
18	Acute administration of the cannabinoid CB1 antagonist rimonabant impairs positive affective memory in healthy volunteers. Psychopharmacology, 2009, 205, 85-91.	3.1	61

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19	Affective bias as a rational response to the statistics of rewards and punishments. ELife, 2017, 6, .	6.0	56
20	Predicting treatment response to antidepressant medication using early changes in emotional processing. European Neuropsychopharmacology, 2019, 29, 66-75.	0.7	52
21	Effects of 7 days of treatment with the cannabinoid type 1 receptor antagonist, rimonabant, on emotional processing. Journal of Psychopharmacology, 2012, 26, 125-132.	4.0	44
22	From structure to clinic: Design of a muscarinic M1 receptor agonist with the potential to treat Alzheimerâ€™s disease. Cell, 2021, 184, 5886-5901.e22.	28.9	44
23	Attentional bias modification (ABM) training induces spontaneous brain activity changes in young women with subthreshold depression: a randomized controlled trial. Psychological Medicine, 2016, 46, 909-920.	4.5	42
24	Using an Experimental Medicine Model to Explore Combination Effects of Pharmacological and Cognitive Interventions for Depression and Anxiety. Neuropsychopharmacology, 2011, 36, 2689-2697.	5.4	38
25	Beyond negative valence: 2-week administration of a serotonergic antidepressant enhances both reward and effort learning signals. PLoS Biology, 2017, 15, e2000756.	5.6	37
26	The Effects of the Angiotensin II Receptor Antagonist Losartan on Appetitive Versus Aversive Learning: A Randomized Controlled Trial. Biological Psychiatry, 2019, 86, 397-404.	1.3	37
27	A role for 5-HT₄ receptors in human learning and memory. Psychological Medicine, 2020, 50, 2722-2730.	4.5	36
28	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. Biological Psychiatry, 2020, 88, e5-e10.	1.3	36
29	Emotional Biases and Recurrence in Major Depressive Disorder. Results of 2.5 Years Follow-Up of Drug-Free Cohort Vulnerable for Recurrence. Frontiers in Psychiatry, 2019, 10, 145.	2.6	33
30	The clinical effectiveness of using a predictive algorithm to guide antidepressant treatment in primary care (PReDicT): an open-label, randomised controlled trial. Neuropsychopharmacology, 2021, 46, 1307-1314.	5.4	33
31	The effects of using the PReDicT Test to guide the antidepressant treatment of depressed patients: study protocol for a randomised controlled trial. Trials, 2017, 18, 558.	1.6	32
32	Mechanisms of allele-selective down-regulation of HLA class I in Burkitt's lymphoma. International Journal of Cancer, 1995, 62, 90-96.	5.1	30
33	Dissociable temporal effects of bupropion on behavioural measures of emotional and reward processing in depression. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170030.	4.0	26
34	Stratification of MDD and GAD patients by resting state brain connectivity predicts cognitive bias. NeuroImage: Clinical, 2018, 19, 425-433.	2.7	26
35	Effects of Attentional Bias Modification on residual symptoms in depression: a randomized controlled trial. BMC Psychiatry, 2019, 19, 141.	2.6	24
36	How representative are neuroimaging samples? Large-scale evidence for trait anxiety differences between fMRI and behaviour-only research participants. Social Cognitive and Affective Neuroscience, 2021, 16, 1057-1070.	3.0	24

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37	Attentional bias modification is associated with fMRI response toward negative stimuli in individuals with residual depression: a randomized controlled trial. Journal of Psychiatry and Neuroscience, 2020, 45, 23-33.	2.4	24
38	Expectancy and surprise predict neural and behavioral measures of attention to threatening stimuli. NeuroImage, 2012, 59, 1942-1948.	4.2	22
39	Decision making in young people at familial risk of depression. Psychological Medicine, 2015, 45, 375-380.	4.5	22
40	Social inference and social anxiety: Evidence of a fear-congruent self-referential learning bias. Journal of Behavior Therapy and Experimental Psychiatry, 2012, 43, 1082-1087.	1.2	21
41	Acute fluoxetine modulates emotional processing in young adult volunteers. Psychological Medicine, 2015, 45, 2295-2308.	4.5	21
42	Angiotensin Regulation of Amygdala Response toÂThreat in High-Trait-Anxiety Individuals. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 826-835.	1.5	21
43	A Dissociation of the Acute Effects of Bupropion on Positive Emotional Processing and Reward Processing in Healthy Volunteers. Frontiers in Psychiatry, 2018, 9, 482.	2.6	19
44	Neurocognitive processes in d-cycloserine augmented single-session exposure therapy for anxiety: A randomized placebo-controlled trial. Behaviour Research and Therapy, 2020, 129, 103607.	3.1	17
45	Increased rostral anterior cingulate activity following positive mental imagery training in healthy older adults. Social Cognitive and Affective Neuroscience, 2017, 12, 1950-1958.	3.0	15
46	Multispecies probiotic administration reduces emotional salience and improves mood in subjects with moderate depression: a randomised, double-blind, placebo-controlled study. Psychological Medicine, 2023, 53, 3437-3447.	4.5	15
47	Early markers of cognitive enhancement: developing an implicit measure of cognitive performance. Psychopharmacology, 2013, 230, 631-638.	3.1	14
48	No evidence for an acute placebo effect on emotional processing in healthy volunteers. Journal of Psychopharmacology, 2017, 31, 1578-1587.	4.0	14
49	Emotional recognition training modifies neural response to emotional faces but does not improve mood in healthy volunteers with high levels of depressive symptoms. Psychological Medicine, 2021, 51, 1211-1219.	4.5	14
50	The Use of Cognitive Bias Modification and Imagery in the Understanding and Treatment of Depression. Current Topics in Behavioral Neurosciences, 2012, 14, 243-260.	1.7	12
51	Investigating d-cycloserine as a potential pharmacological enhancer of an emotional bias learning procedure. Journal of Psychopharmacology, 2018, 32, 569-577.	4.0	11
52	Lithium modulates striatal reward anticipation and prediction error coding in healthy volunteers. Neuropsychopharmacology, 2021, 46, 386-393.	5.4	10
53	Conscious and nonconscious discrimination of facial expressions. Visual Cognition, 2007, 15, 36-47.	1.6	8
54	Exploring the prediction of emotional valence and pharmacologic effect across fMRI studies of antidepressants. NeuroImage: Clinical, 2018, 20, 407-414.	2.7	8

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55	Accuracy in recognising happy facial expressions is associated with antidepressant response to a NOP receptor antagonist but not placebo treatment. Journal of Psychopharmacology, 2021, 35, 1473-1478.	4.0	8
56	Using Computational Psychiatry to Rule Out the Hidden Causes of Depression. JAMA Psychiatry, 2017, 74, 777.	11.0	6
57	Overnight transdermal scopolamine patch administration has no clear effect on cognition and emotional processing in healthy volunteers. Journal of Psychopharmacology, 2019, 33, 255-257.	4.0	6
58	An Experimental Medicine Investigation of the Effects of Subacute Pramipexole Treatment on Emotional Information Processing in Healthy Volunteers. Pharmaceuticals, 2021, 14, 800.	3.8	6
59	A Computational View on the Nature of Reward and Value in Anhedonia. Current Topics in Behavioral Neurosciences, 2022, , 421-441.	1.7	6
60	Using a generative model of affect to characterize affective variability and its response to treatment in bipolar disorder. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	6
61	Effects of low dose tryptophan depletion on emotional processing in dieters. Eating Behaviors, 2012, 13, 154-157.	2.0	5
62	When Helping Is Risky: The Behavioral and Neurobiological Trade-off of Social and Risk Preferences. Psychological Science, 2021, 32, 1842-1855.	3.3	5
63	Emotional cognition in depression: Is it relevant for Clinical practice?. European Neuropsychopharmacology, 2022, 56, 1-3.	0.7	5
64	Inducing Affective Learning Biases with Cognitive Training and Prefrontal tDCS: A Proof-of-Concept Study. Cognitive Therapy and Research, 2021, 45, 869-884.	1.9	4
65	PAX-D: study protocol for a randomised placebo-controlled trial evaluating the efficacy and mechanism of pramipexole as add-on treatment for people with treatment resistant depression. Evidence-Based Mental Health, 2022, 25, 77-83.	4.5	4
66	Can a Predictive Processing Framework Improve the Specification of Negative Bias in Depression?. Biological Psychiatry, 2020, 87, 382-383.	1.3	3
67	Negative bias in interpretation and facial expression recognition in late life depression: A case control study. International Journal of Geriatric Psychiatry, 2021, 36, 1450-1459.	2.7	3
68	D-cycloserine as adjunct to brief computerised CBT for spider fear: Effects on fear, behaviour, and cognitive biases. Journal of Behavior Therapy and Experimental Psychiatry, 2020, 68, 101546.	1.2	2
69	Human perceptual learning is delayed by the N-methyl-D-aspartate receptor partial agonist D-cycloserine. Journal of Psychopharmacology, 2021, 35, 253-264.	4.0	2
70	Enhanced Taste Recognition Following Subacute Treatment With The Dopamine D2/D3 Receptor Agonist Pramipexole in Healthy Volunteers. International Journal of Neuropsychopharmacology, 2022, 25, 720-726.	2.1	2
71	136. Neural Response to Implicit Emotions as Biomarkers of Clinical Response to SSRI Treatment in Depression. Biological Psychiatry, 2017, 81, S57.	1.3	1
72	873. Dissociable Temporal Effects of Bupropion on Behavioural Measures of Emotional and Reward Processing in Major Depressive Disorder. Biological Psychiatry, 2017, 81, S353.	1.3	1

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73	Dynamic modulation of inequality aversion in human interpersonal negotiations. Communications Biology, 2022, 5, 359.	4.4	1
74	Symptom trajectories in discontinuation trials. Lancet Psychiatry,the, 2017, 4, 176-178.	7.4	0
75	443. Characterisation of a Computationally Defined Treatment Target for Anxiety and Depression. Biological Psychiatry, 2017, 81, S181.	1.3	0
76	Modulating reward learning with transcranial direct current stimulation: Applications for the treatment of depression. L'Encephale, 2019, 45, S75-S76.	0.9	0
77	Results of the PReDicT Study: A Randomised Controlled Trial of Using the PReDicT Test to Guide Antidepressant Treatment in Depression. Biological Psychiatry, 2020, 87, S51.	1.3	0
78	Measuring Mood Instability Using a Generative Model of Affect. Biological Psychiatry, 2020, 87, S305-S306.	1.3	0
79	What Might Prediction Tell Us About the Dopaminergic Mechanisms of Depression?. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 133-134.	1.5	0
80	Imaging of depressive disorders. , 2020, , 797-806.		0