

# Michael Browning

## List of Publications by Citations

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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.

76  
papers

2,376  
citations

23  
h-index

48  
g-index

104  
ext. papers

3,066  
ext. citations

6.3  
avg, IF

5.33  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 76 | A single dose of citalopram increases fear recognition in healthy subjects. <i>Journal of Psychopharmacology</i> , <b>2007</b> , 21, 684-90   | 4.6  | 190       |
| 75 | Lateral prefrontal cortex mediates the cognitive modification of attentional bias. <i>Biological Psychiatry</i> , <b>2010</b> , 67, 919-25  | 7.9  | 177       |
| 74 | Anxious individuals have difficulty learning the causal statistics of aversive environments. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 590-6   | 25.5 | 174       |
| 73 | The modification of attentional bias to emotional information: A review of the techniques, mechanisms, and relevance to emotional disorders. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2010</b> , 10, 8-20 | 3.5  | 172       |
| 72 | The causal role of the dorsolateral prefrontal cortex in the modification of attentional bias: evidence from transcranial direct current stimulation. <i>Biological Psychiatry</i> , <b>2014</b> , 76, 946-52                 | 7.9  | 128       |
| 71 | Using attentional bias modification as a cognitive vaccine against depression. <i>Biological Psychiatry</i> , <b>2012</b> , 72, 572-9   | 7.9  | 126       |
| 70 | Positive Imagery-Based Cognitive Bias Modification as a Web-Based Treatment Tool for Depressed Adults: A Randomized Controlled Trial. <i>Clinical Psychological Science</i> , <b>2015</b> , 3, 91-111                         | 6    | 123       |
| 69 | What has serotonin to do with depression?. <i>World Psychiatry</i> , <b>2015</b> , 14, 158-60   | 14.4 | 120       |
| 68 | Early changes in emotional processing as a marker of clinical response to SSRI treatment in depression. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e957   | 8.6  | 98        |
| 67 | A cognitive neuropsychological model of antidepressant drug action. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2011</b> , 35, 1586-92   | 5.5  | 90        |
| 66 | Internet-based attention bias modification for social anxiety: a randomised controlled comparison of training towards negative and training towards positive cues. <i>PLoS ONE</i> , <b>2013</b> , 8, e71760                  | 3.7  | 71        |
| 65 | Can neuroimaging help us to understand and classify somatoform disorders? A systematic and critical review. <i>Psychosomatic Medicine</i> , <b>2011</b> , 73, 173-84  | 3.7  | 68        |
| 64 | A Selective Nociceptin Receptor Antagonist to Treat Depression: Evidence from Preclinical and Clinical Studies. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 1803-12  | 8.7  | 64        |
| 63 | Acute administration of the cannabinoid CB1 antagonist rimonabant impairs positive affective memory in healthy volunteers. <i>Psychopharmacology</i> , <b>2009</b> , 205, 85-91   | 4.7  | 59        |
| 62 | Effect of Prefrontal Cortex Stimulation on Regulation of Amygdala Response to Threat in Individuals With Trait Anxiety: A Randomized Clinical Trial. <i>JAMA Psychiatry</i> , <b>2019</b> , 76, 71-78                         | 14.5 | 49        |
| 61 | Predicting Treatment Response in Depression: The Role of Anterior Cingulate Cortex. <i>International Journal of Neuropsychopharmacology</i> , <b>2018</b> , 21, 988-996   | 5.8  | 44        |
| 60 | Effects of 7 days of treatment with the cannabinoid type 1 receptor antagonist, rimonabant, on emotional processing. <i>Journal of Psychopharmacology</i> , <b>2012</b> , 26, 125-32  | 4.6  | 40        |

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| 59 | Using an experimental medicine model to explore combination effects of pharmacological and cognitive interventions for depression and anxiety. <i>Neuropsychopharmacology</i> , <b>2011</b> , 36, 2689-97                    | 8.7 | 34 |
| 58 | The Misestimation of Uncertainty in Affective Disorders. <i>Trends in Cognitive Sciences</i> , <b>2019</b> , 23, 865-875   | 14  | 31 |
| 57 | Attentional bias modification (ABM) training induces spontaneous brain activity changes in young women with subthreshold depression: a randomized controlled trial. <i>Psychological Medicine</i> , <b>2016</b> , 46, 909-20 | 6.9 | 30 |
| 56 | Affective bias as a rational response to the statistics of rewards and punishments. <i>ELife</i> , <b>2017</b> , 6,  | 8.9 | 27 |
| 55 | Mechanisms of allele-selective down-regulation of HLA class I in Burkitt's lymphoma. <i>International Journal of Cancer</i> , <b>1995</b> , 62, 90-6   | 7.5 | 27 |
| 54 | Predicting treatment response to antidepressant medication using early changes in emotional processing. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 66-75  | 1.2 | 24 |
| 53 | Beyond negative valence: 2-week administration of a serotonergic antidepressant enhances both reward and effort learning signals. <i>PLoS Biology</i> , <b>2017</b> , 15, e2000756   | 9.7 | 22 |
| 52 | The effects of using the PReDicT Test to guide the antidepressant treatment of depressed patients: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2017</b> , 18, 558                                   | 2.8 | 20 |
| 51 | Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. <i>Biological Psychiatry</i> , <b>2020</b> , 88, e5-e10   | 7.9 | 19 |
| 50 | Expectancy and surprise predict neural and behavioral measures of attention to threatening stimuli. <i>NeuroImage</i> , <b>2012</b> , 59, 1942-8   | 7.9 | 18 |
| 49 | A role for 5-HT receptors in human learning and memory. <i>Psychological Medicine</i> , <b>2020</b> , 50, 2722-2730  | 6.9 | 18 |
| 48 | Emotional Biases and Recurrence in Major Depressive Disorder. Results of 2.5 Years Follow-Up of Drug-Free Cohort Vulnerable for Recurrence. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 145                           | 5   | 17 |
| 47 | Decision making in young people at familial risk of depression. <i>Psychological Medicine</i> , <b>2015</b> , 45, 375-80   | 6.9 | 17 |
| 46 | Dissociable temporal effects of bupropion on behavioural measures of emotional and reward processing in depression. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 373,       | 5.8 | 17 |
| 45 | Advances in the computational understanding of mental illness. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 3-19   | 8.7 | 17 |
| 44 | Stratification of MDD and GAD patients by resting state brain connectivity predicts cognitive bias. <i>NeuroImage: Clinical</i> , <b>2018</b> , 19, 425-433  | 5.3 | 16 |
| 43 | Acute fluoxetine modulates emotional processing in young adult volunteers. <i>Psychological Medicine</i> , <b>2015</b> , 45, 2295-308  | 6.9 | 16 |
| 42 | Social inference and social anxiety: evidence of a fear-congruent self-referential learning bias. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , <b>2012</b> , 43, 1082-7                                  | 2.6 | 15 |

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| 41 | Early markers of cognitive enhancement: developing an implicit measure of cognitive performance. <i>Psychopharmacology</i> , <b>2013</b> , 230, 631-8  | 4.7  | 12 |
| 40 | Increased rostral anterior cingulate activity following positive mental imagery training in healthy older adults. <i>Social Cognitive and Affective Neuroscience</i> , <b>2017</b> , 12, 1950-1958                                     | 4    | 12 |
| 39 | The Effects of the Angiotensin II Receptor Antagonist Losartan on Appetitive Versus Aversive Learning: A Randomized Controlled Trial. <i>Biological Psychiatry</i> , <b>2019</b> , 86, 397-404   | 7.9  | 11 |
| 38 | Angiotensin Regulation of Amygdala Response to Threat in High-Trait-Anxiety Individuals. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2018</b> , 3, 826-835  | 3.4  | 11 |
| 37 | The clinical effectiveness of using a predictive algorithm to guide antidepressant treatment in primary care (PReDicT): an open-label, randomised controlled trial. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 1307-1314       | 8.7  | 11 |
| 36 | Neurocognitive processes in d-cycloserine augmented single-session exposure therapy for anxiety: A randomized placebo-controlled trial. <i>Behaviour Research and Therapy</i> , <b>2020</b> , 129, 103607                              | 5.2  | 10 |
| 35 | The use of cognitive bias modification and imagery in the understanding and treatment of depression. <i>Current Topics in Behavioral Neurosciences</i> , <b>2013</b> , 14, 243-60  | 3.4  | 10 |
| 34 | Attentional bias modification is associated with fMRI response toward negative stimuli in individuals with residual depression: a randomized controlled trial. <i>Journal of Psychiatry and Neuroscience</i> , <b>2020</b> , 45, 23-33 | 4.5  | 9  |
| 33 | A Dissociation of the Acute Effects of Bupropion on Positive Emotional Processing and Reward Processing in Healthy Volunteers. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 482   | 5    | 9  |
| 32 | Effects of Attentional Bias Modification on residual symptoms in depression: a randomized controlled trial. <i>BMC Psychiatry</i> , <b>2019</b> , 19, 141  | 4.2  | 8  |
| 31 | Exploring the prediction of emotional valence and pharmacologic effect across fMRI studies of antidepressants. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 407-414   | 5.3  | 8  |
| 30 | Conscious and nonconscious discrimination of facial expressions. <i>Visual Cognition</i> , <b>2007</b> , 15, 36-47   | 1.8  | 8  |
| 29 | From structure to clinic: Design of a muscarinic M1 receptor agonist with potential to treatment of Alzheimer's disease. <i>Cell</i> , <b>2021</b> , 184, 5886-5901.e22  | 56.2 | 8  |
| 28 | No evidence for an acute placebo effect on emotional processing in healthy volunteers. <i>Journal of Psychopharmacology</i> , <b>2017</b> , 31, 1578-1587  | 4.6  | 7  |
| 27 | Investigating d-cycloserine as a potential pharmacological enhancer of an emotional bias learning procedure. <i>Journal of Psychopharmacology</i> , <b>2018</b> , 32, 569-577  | 4.6  | 6  |
| 26 | Prefrontal cortex regulates amygdala response to threat in trait anxiety   |      | 6  |
| 25 | Emotional recognition training modifies neural response to emotional faces but does not improve mood in healthy volunteers with high levels of depressive symptoms. <i>Psychological Medicine</i> , <b>2021</b> , 51, 1211-1219        | 6.9  | 6  |
| 24 | Using Computational Psychiatry to Rule Out the Hidden Causes of Depression. <i>JAMA Psychiatry</i> , <b>2017</b> , 74, 777-778   | 14.5 | 5  |

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|----|---|-----|---|
| 23 | How representative are neuroimaging samples? Large-scale evidence for trait anxiety differences between fMRI and behaviour-only research participants. <i>Social Cognitive and Affective Neuroscience</i> , <b>2021</b> , 16, 1057-1070 | 4   | 4 |
| 22 | Effects of low dose tryptophan depletion on emotional processing in dieters. <i>Eating Behaviors</i> , <b>2012</b> , 13, 154-7  | 3   | 3 |
| 21 | How representative are neuroimaging samples? Large-scale evidence for trait anxiety differences between fMRI and behaviour-only research participants.  |     | 3 |
| 20 | Overnight transdermal scopolamine patch administration has no clear effect on cognition and emotional processing in healthy volunteers. <i>Journal of Psychopharmacology</i> , <b>2019</b> , 33, 255-257                                | 4.6 | 3 |
| 19 | An Experimental Medicine Investigation of the Effects of Subacute Pramipexole Treatment on Emotional Information Processing in Healthy Volunteers. <i>Pharmaceuticals</i> , <b>2021</b> , 14,   | 5.2 | 3 |
| 18 | Multispecies probiotic administration reduces emotional salience and improves mood in subjects with moderate depression: a randomised, double-blind, placebo-controlled study.. <i>Psychological Medicine</i> , <b>2022</b> , 1-11      | 6.9 | 2 |
| 17 | D-cycloserine as adjunct to brief computerised CBT for spider fear: Effects on fear, behaviour, and cognitive biases. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , <b>2020</b> , 68, 101546                         | 2.6 | 2 |
| 16 | Lithium modulates striatal reward anticipation and prediction error coding in healthy volunteers. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 386-393  | 8.7 | 2 |
| 15 | A Computational View on the Nature of Reward and Value in Anhedonia   |     | 2 |
| 14 | Can a Predictive Processing Framework Improve the Specification of Negative Bias in Depression?. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 382-383   | 7.9 | 1 |
| 13 | Accuracy in recognising happy facial expressions is associated with antidepressant response to a NOP receptor antagonist but not placebo treatment. <i>Journal of Psychopharmacology</i> , <b>2021</b> , 35, 1473-1478                  | 4.6 | 1 |
| 12 | Effects of Attentional Bias Modification on Residual Symptoms in depression. A Randomized Controlled Trial  |     | 1 |
| 11 | Affective biases encoded by the central arousal systems dynamically modulate inequality aversion in human interpersonal negotiations  |     | 1 |
| 10 | A Computational View on the Nature of Reward and Value in Anhedonia.. <i>Current Topics in Behavioral Neurosciences</i> , <b>2021</b> , 1   | 3.4 | 1 |
| 9  | Emotional cognition in depression: Is it relevant for Clinical practice?. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 56, 1-3   | 1.2 | 0 |
| 8  | When Helping Is Risky: The Behavioral and Neurobiological Trade-off of Social and Risk Preferences. <i>Psychological Science</i> , <b>2021</b> , 32, 1842-1855  | 7.9 | 0 |
| 7  | Inducing Affective Learning Biases with Cognitive Training and Prefrontal tDCS: A Proof-of-Concept Study. <i>Cognitive Therapy and Research</i> , <b>2021</b> , 45, 869-884   | 2.7 | 0 |
| 6  | Dynamic modulation of inequality aversion in human interpersonal negotiations.. <i>Communications Biology</i> , <b>2022</b> , 5, 359  | 6.7 | 0 |

- 5 Symptom trajectories in discontinuation trials. *Lancet Psychiatry*, **2017**, 4, 176-178 23.3
- 4 What Might Prediction Tell Us About the Dopaminergic Mechanisms of Depression?. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2020**, 5, 133-134 3.4
- 3 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 3.9
- 2 Modulating reward learning with transcranial direct current stimulation: Applications for the treatment of depression. *L'Encephale*, **2019**, 45, S75-S76 2.9
- 1 Human perceptual learning is delayed by the N-methyl-D-aspartate receptor partial agonist D-cycloserine. *Journal of Psychopharmacology*, **2021**, 35, 253-264 4.6