

# Jonathan Paul Roiser

## List of Publications by Year in descending order

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Version: 2024-02-01

134  
papers

10,116  
citations

31976

53  
h-index

39675

94  
g-index

153  
all docs

153  
docs citations

153  
times ranked

11346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk-taking to obtain reward: sex differences and associations with emotional and depressive symptoms in a nationally representative cohort of UK adolescents. <i>Psychological Medicine</i> , 2022, 52, 2805-2813.	4.5	6
2	The impact of COVID-19 social isolation on aspects of emotional and social cognition. <i>Cognition and Emotion</i> , 2022, 36, 49-58.	2.0	21
3	A comparison of "pruning" during multi-step planning in depressed and healthy individuals. <i>Psychological Medicine</i> , 2022, 52, 3948-3956.	4.5	2
4	Pleasure, Reward Value, Prediction Error and Anhedonia. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 281-304.	1.7	12
5	Altered reward and effort processing in children with maltreatment experience: a potential indicator of mental health vulnerability. <i>Neuropsychopharmacology</i> , 2022, 47, 1063-1070.	5.4	9
6	The role of greenspace deprivation in children's decision-making. <i>Urban Forestry and Urban Greening</i> , 2022, 69, 127515.	5.3	4
7	Disrupted reward processing in Parkinson's disease and its relationship with dopamine state and neuropsychiatric syndromes: a systematic review and meta-analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 555-562.	1.9	15
8	The acute effects of cannabidiol on emotional processing and anxiety: a neurocognitive imaging study. <i>Psychopharmacology</i> , 2022, 239, 1539-1549.	3.1	9
9	Ketamine modulates fronto-striatal circuitry in depressed and healthy individuals. <i>Molecular Psychiatry</i> , 2021, 26, 3292-3301.	7.9	57
10	Recall bias during adolescence: Gender differences and associations with depressive symptoms. <i>Journal of Affective Disorders</i> , 2021, 282, 299-307.	4.1	6
11	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> , 2021, 16, 1057-1070.	3.0	24
12	Relations Among Anhedonia, Reinforcement Learning, and Global Functioning in Help-seeking Youth. <i>Schizophrenia Bulletin</i> , 2021, 47, 1534-1543.	4.3	4
13	Internality and the internalisation of failure: Evidence from a novel task. <i>PLoS Computational Biology</i> , 2021, 17, e1009134.	3.2	0
14	The acute and non-acute effects of cannabis on reward processing: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 512-528.	6.1	12
15	Anxiety makes time pass quicker while fear has no effect. <i>Cognition</i> , 2020, 197, 104116.	2.2	33
16	Influence of theta-burst transcranial magnetic stimulation over the dorsolateral prefrontal cortex on emotion processing in healthy volunteers. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 1278-1293.	2.0	17
17	Short-Term Fasting Selectively Influences Impulsivity in Healthy Individuals. <i>Frontiers in Psychology</i> , 2020, 11, 1644.	2.1	7
18	Reward-Processing Behavior in Depressed Participants Relative to Healthy Volunteers. <i>JAMA Psychiatry</i> , 2020, 77, 1286.	11.0	97

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19	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. <i>Biological Psychiatry</i> , 2020, 88, e5-e10.	1.3	36
20	Variability in Action Selection Relates to Striatal Dopamine 2/3 Receptor Availability in Humans: A PET Neuroimaging Study Using Reinforcement Learning and Active Inference Models. <i>Cerebral Cortex</i> , 2020, 30, 3573-3589.	2.9	24
21	Searching for an anchor in an unpredictable world: A computational model of obsessive compulsive disorder.. <i>Psychological Review</i> , 2020, 127, 672-699.	3.8	43
22	Does overloading cognitive resources mimic the impact of anxiety on temporal cognition?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 1828-1835.	0.9	5
23	Factors associated with depression in people with inflammatory bowel disease: The relationship between active disease and biases in neurocognitive processing. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13647.	3.0	14
24	Postdecision Evidence Integration and Depressive Symptoms. <i>Frontiers in Psychiatry</i> , 2019, 10, 639.	2.6	16
25	Altered learning under uncertainty in unmedicated mood and anxiety disorders. <i>Nature Human Behaviour</i> , 2019, 3, 1116-1123.	12.0	87
26	Reliability of Frontoâ€“Amygdala Coupling during Emotional Face Processing. <i>Brain Sciences</i> , 2019, 9, 89.	2.3	15
27	Neural predictors of treatment response to brain stimulation and psychological therapy in depression: a double-blind randomized controlled trial. <i>Neuropsychopharmacology</i> , 2019, 44, 1613-1622.	5.4	49
28	Cognitive Impairment and Depressionâ€”Cause, Consequence, or Coincidence?. <i>JAMA Psychiatry</i> , 2019, 76, 239.	11.0	21
29	The Lancet Psychiatry Commission on psychological treatments research in tomorrow's science. <i>Lancet Psychiatry</i> , 2018, 5, 237-286.	7.4	412
30	7T 1H-MRS in major depressive disorder: a Ketamine Treatment Study. <i>Neuropsychopharmacology</i> , 2018, 43, 1908-1914.	5.4	38
31	26.3 SALIENCE SIGNALING AND THE EMERGENCE OF PSYCHOPATHOLOGY IN YOUTH AT CLINICAL HIGH RISK FOR PSYCHOTIC ILLNESS. <i>Schizophrenia Bulletin</i> , 2018, 44, S43-S43.	4.3	0
32	Adaptation of social and non-social cues to direction in adults with autism spectrum disorder and neurotypical adults with autistic traits. <i>Developmental Cognitive Neuroscience</i> , 2018, 29, 108-116.	4.0	28
33	Effect of Citalopram on Emotion Processing in Humans: A Combined 5-HT1A [11C]CUMI-101 PET and Functional MRI Study. <i>Neuropsychopharmacology</i> , 2018, 43, 655-664.	5.4	49
34	Attractor-like Dynamics in Belief Updating in Schizophrenia. <i>Journal of Neuroscience</i> , 2018, 38, 9471-9485.	3.6	51
35	Neuroscience of apathy and anhedonia: a transdiagnostic approach. <i>Nature Reviews Neuroscience</i> , 2018, 19, 470-484.	10.2	369
36	Peripheral Serotonin 1B Receptor Transcription Predicts the Effect of Acute Tryptophan Depletion on Risky Decision-Making. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, pyw075.	2.1	5

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37	Modeling Avoidance in Mood and Anxiety Disorders Using Reinforcement Learning. <i>Biological Psychiatry</i> , 2017, 82, 532-539.	1.3	96
38	Unreliability of putative fMRI biomarkers during emotional face processing. <i>NeuroImage</i> , 2017, 156, 119-127.	4.2	78
39	Association between habenula dysfunction and motivational symptoms in unmedicated major depressive disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1520-1533.	3.0	58
40	Enhanced Risk Aversion, But Not Loss Aversion, in Unmedicated Pathological Anxiety. <i>Biological Psychiatry</i> , 2017, 81, 1014-1022.	1.3	118
41	The Neural Basis of Aversive Pavlovian Guidance during Planning. <i>Journal of Neuroscience</i> , 2017, 37, 10215-10229.	3.6	15
42	Power-up: A Reanalysis of 'Power Failure' in Neuroscience Using Mixture Modeling. <i>Journal of Neuroscience</i> , 2017, 37, 8051-8061.	3.6	70
43	Resting state connectivity of the human habenula at ultra-high field. <i>NeuroImage</i> , 2017, 147, 872-879.	4.2	58
44	[P2â€“479]: SELFâ€“SCHEMA ALTERATIONS IN DEMENTIA. <i>Alzheimer's and Dementia</i> , 2017, 13, P824.	0.8	0
45	[P1â€“504]: TACTILE PROCESSING IN DEMENTIA. <i>Alzheimer's and Dementia</i> , 2017, 13, P486.	0.8	0
46	Cooperative Behavior in the Ultimatum Game and Prisonerâ€™s Dilemma Depends on Playersâ€™ Contributions. <i>Frontiers in Psychology</i> , 2017, 8, 1017.	2.1	14
47	Prefrontal cortex stimulation does not affect emotional bias, but may slow emotion identification. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 839-847.	3.0	16
48	Threat of shock and aversive inhibition: Induced anxiety modulates Pavlovian-instrumental interactions.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1694-1704.	2.1	22
49	Computational Psychiatry: towards a mathematically informed understanding of mental illness. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, jnnp-2015-310737.	1.9	156
50	EMOTICOM: A Neuropsychological Test Battery to Evaluate Emotion, Motivation, Impulsivity, and Social Cognition. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 25.	2.0	64
51	Cognitive impairment in depression and its (non-)response to antidepressant treatment. <i>Evidence-Based Mental Health</i> , 2016, 19, e23-e23.	4.5	2
52	Anticipation of guilt for everyday moral transgressions: The role of the anterior insula and the influence of interpersonal psychopathic traits. <i>Scientific Reports</i> , 2016, 6, 36273.	3.3	32
53	Are persistent delusions in schizophrenia associated with aberrant salience?. <i>Schizophrenia Research: Cognition</i> , 2016, 4, 32-38.	1.3	14
54	Models of Affective Decision Making. <i>Psychological Science</i> , 2016, 27, 763-775.	3.3	69

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55	Corticolimbic dysfunction during facial and prosodic emotional recognition in first-episode psychosis patients and individuals at ultra-high risk. <i>NeuroImage: Clinical</i> , 2016, 12, 645-654.	2.7	15
56	Shared Neural Mechanisms for the Evaluation of Intense Sensory Stimulation and Economic Reward, Dependent on Stimulation-Seeking Behavior. <i>Journal of Neuroscience</i> , 2016, 36, 10026-10038.	3.6	7
57	Neurocomputational mechanisms of prosocial learning and links to empathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9763-9768.	7.1	151
58	Anxiety promotes memory for mood-congruent faces but does not alter loss aversion. <i>Scientific Reports</i> , 2016, 6, 24746.	3.3	15
59	The Role of Serotonin in Aversive Inhibition: Behavioural, Cognitive and Neural Perspectives. <i>Psychopathology Review</i> , 2016, a3, 29-40.	0.9	4
60	Assessment of cognitive safety in clinical drug development. <i>Drug Discovery Today</i> , 2016, 21, 445-453.	6.4	8
61	Anhedonia is associated with blunted reward sensitivity in first-degree relatives of patients with major depression. <i>Journal of Affective Disorders</i> , 2016, 190, 640-648.	4.1	44
62	Reliability of 7T <sup>1</sup> H-MRS measured human prefrontal cortex glutamate, glutamine, and glutathione signals using an adapted echo time optimized PRESS sequence: A between- and within-sessions investigation. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 88-98.	3.4	35
63	Emotion-induced loss aversion and striatal-amygdala coupling in low-anxious individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 569-579.	3.0	43
64	Affective resonance in response to others'™ emotional faces varies with affective ratings and psychopathic traits in amygdala and anterior insula. <i>Social Neuroscience</i> , 2016, 11, 140-152.	1.3	45
65	The impact of threat of shock on the framing effect and temporal discounting: executive functions unperturbed by acute stress?. <i>Frontiers in Psychology</i> , 2015, 6, 1315.	2.1	26
66	Modulation of motivational salience processing during the early stages of psychosis. <i>Schizophrenia Research</i> , 2015, 166, 17-23.	2.0	44
67	Aberrant Salience Is Related to Reduced Reinforcement Learning Signals and Elevated Dopamine Synthesis Capacity in Healthy Adults. <i>Journal of Neuroscience</i> , 2015, 35, 10103-10111.	3.6	46
68	Interplay of approximate planning strategies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3098-3103.	7.1	145
69	Neural correlates of change in major depressive disorder anhedonia following open-label ketamine. <i>Journal of Psychopharmacology</i> , 2015, 29, 596-607.	4.0	175
70	Dopamine Regulates Approach-Avoidance in Human Sensation-Seeking. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv041.	2.1	19
71	Encoding of Vicarious Reward Prediction in Anterior Cingulate Cortex and Relationship with Trait Empathy. <i>Journal of Neuroscience</i> , 2015, 35, 13720-13727.	3.6	90
72	Presynaptic Serotonergic Regulation of Emotional Processing: A Multimodal Brain Imaging Study. <i>Biological Psychiatry</i> , 2015, 78, 563-571.	1.3	19

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73	Hot and cold cognition in major depressive disorder. , 2015, , 69-80.		4
74	The impact of stress on financial decision-making varies as a function of depression and anxiety symptoms. PeerJ, 2015, 3, e770.	2.0	25
75	Losing the rose tinted glasses: neural substrates of unbiased belief updating in depression. Frontiers in Human Neuroscience, 2014, 8, 639.	2.0	105
76	The habenula encodes negative motivational value associated with primary punishment in humans. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11858-11863.	7.1	116
77	The relationship between reward and punishment processing and the 5-HT1A receptor as shown by PET. Psychopharmacology, 2014, 231, 2579-2586.	3.1	7
78	Stratified medicine for mental disorders. European Neuropsychopharmacology, 2014, 24, 5-50.	0.7	152
79	Dynamic causal modelling of effective connectivity during perspective taking in a communicative task. NeuroImage, 2013, 76, 116-124.	4.2	35
80	Empathy, morality and psychopathic traits in women. Personality and Individual Differences, 2013, 55, 328-333.	2.9	59
81	Defining the habenula in human neuroimaging studies. NeuroImage, 2013, 64, 722-727.	4.2	102
82	Uncertainty about mapping future actions into rewards may underlie performance on multiple measures of impulsivity in behavioral addiction: Evidence from Parkinson's disease.. Behavioral Neuroscience, 2013, 127, 245-255.	1.2	40
83	Neural and Behavioral Correlates of Aberrant Salience in Individuals at Risk for Psychosis. Schizophrenia Bulletin, 2013, 39, 1328-1336.	4.3	180
84	Hot and cold cognition in depression. CNS Spectrums, 2013, 18, 139-149.	1.2	287
85	Dysconnectivity in the Frontoparietal Attention Network in Schizophrenia. Frontiers in Psychiatry, 2013, 4, 176.	2.6	53
86	Does excitatory fronto-extracerebral tDCS lead to improved working memory performance?. F1000Research, 2013, 2, 219.	1.6	23
87	Does excitatory fronto-extracerebral tDCS lead to improved working memory performance?. F1000Research, 2013, 2, 219.	1.6	33
88	Bonsai Trees in Your Head: How the Pavlovian System Sculptures Goal-Directed Choices by Pruning Decision Trees. PLoS Computational Biology, 2012, 8, e1002410.	3.2	314
89	Serotonin transporter genotype differentially modulates neural responses to emotional words following tryptophan depletion in patients recovered from depression and healthy volunteers. Journal of Psychopharmacology, 2012, 26, 1434-1442.	4.0	15
90	Serotonin Selectively Modulates Reward Value in Human Decision-Making. Journal of Neuroscience, 2012, 32, 5833-5842.	3.6	211

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91	Cognitive Mechanisms of Treatment in Depression. <i>Neuropsychopharmacology</i> , 2012, 37, 117-136.	5.4	440
92	Give it time: Neural evidence for distorted time perception and enhanced memory encoding in emotional situations. <i>NeuroImage</i> , 2012, 63, 591-599.	4.2	63
93	Neuroimaging: A Scanner, Colourfully. <i>Current Biology</i> , 2012, 22, R231-R233.	3.9	2
94	Investigating associations between empathy, morality and psychopathic personality traits in the general population. <i>Personality and Individual Differences</i> , 2012, 52, 67-71.	2.9	111
95	Habenua Volume in Bipolar Disorder and Major Depressive Disorder: A High-Resolution Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2011, 69, 336-343.	1.3	159
96	Response Perseveration in Stimulant Dependence Is Associated with Striatal Dysfunction and Can Be Ameliorated by a D2/3 Receptor Agonist. <i>Biological Psychiatry</i> , 2011, 70, 754-762.	1.3	113
97	Developmental influences on the neural bases of responses to social rejection: Implications of social neuroscience for education. <i>NeuroImage</i> , 2011, 57, 686-694.	4.2	205
98	Peripheral biomarkers of cognitive response to dopamine receptor agonist treatment. <i>Psychopharmacology</i> , 2011, 214, 779-789.	3.1	48
99	Serotonin Transporter Genotype Modulates Subgenual Response to Fearful Faces Using an Incidental Task. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3681-3693.	2.3	31
100	Evaluation of state and trait biomarkers in healthy volunteers for the development of novel drug treatments in schizophrenia. <i>Journal of Psychopharmacology</i> , 2011, 25, 1207-1225.	4.0	22
101	Effective Connectivity during Processing of Facial Affect: Evidence for Multiple Parallel Pathways. <i>Journal of Neuroscience</i> , 2011, 31, 14378-14385.	3.6	84
102	Intact Reward Learning but Elevated Delay Discounting in Parkinson's Disease Patients With Impulsive-Compulsive Spectrum Behaviors. <i>Neuropsychopharmacology</i> , 2010, 35, 2155-2164.	5.4	159
103	Striatal Prediction Error Modulates Cortical Coupling. <i>Journal of Neuroscience</i> , 2010, 30, 3210-3219.	3.6	294
104	Reward and Punishment Processing in Depression. <i>Biological Psychiatry</i> , 2010, 68, 118-124.	1.3	458
105	Adaptive and aberrant reward prediction signals in the human brain. <i>NeuroImage</i> , 2010, 50, 657-664.	4.2	40
106	Assessing the construct validity of aberrant salience. <i>Frontiers in Behavioral Neuroscience</i> , 2009, 3, 58.	2.0	24
107	fMRI in translation: the challenges facing real-world applications. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 63.	2.0	41
108	Encoding of Marginal Utility across Time in the Human Brain. <i>Journal of Neuroscience</i> , 2009, 29, 9575-9581.	3.6	183

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109	Do patients with schizophrenia exhibit aberrant salience?. <i>Psychological Medicine</i> , 2009, 39, 199-209.	4.5	237
110	A Genetically Mediated Bias in Decision Making Driven by Failure of Amygdala Control. <i>Journal of Neuroscience</i> , 2009, 29, 5985-5991.	3.6	183
111	Neuropsychology of affective disorders. <i>Psychiatry (Abingdon, England)</i> , 2009, 8, 91-96.	0.2	15
112	Hot and cold cognition in unmedicated depressed subjects with bipolar disorder. <i>Bipolar Disorders</i> , 2009, 11, 178-189.	1.9	89
113	Atomoxetine Modulates Right Inferior Frontal Activation During Inhibitory Control: A Pharmacological Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2009, 65, 550-555.	1.3	274
114	Reward Processing After Catecholamine Depletion in Unmedicated, Remitted Subjects with Major Depressive Disorder. <i>Biological Psychiatry</i> , 2009, 66, 201-205.	1.3	53
115	The Effects of Tryptophan Depletion on Neural Responses to Emotional Words in Remitted Depression. <i>Biological Psychiatry</i> , 2009, 66, 441-450.	1.3	108
116	Understanding why patients with schizophrenia do not perceive the hollow-mask illusion using dynamic causal modelling. <i>NeuroImage</i> , 2009, 46, 1180-1186.	4.2	155
117	Chronic cocaine but not chronic amphetamine use is associated with perseverative responding in humans. <i>Psychopharmacology</i> , 2008, 197, 421-431.	3.1	229
118	New perspectives on techniques for the clinical psychiatrist: Brain stimulation, chronobiology and psychiatric brain imaging. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 627-637.	1.8	2
119	Emotion-Induced Retrograde Amnesia Is Determined by a 5-HTT Genetic Polymorphism. <i>Journal of Neuroscience</i> , 2008, 28, 7036-7039.	3.6	19
120	The Effect of Acute Tryptophan Depletion on the Neural Correlates of Emotional Processing in Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2008, 33, 1992-2006.	5.4	73
121	Neural Response to Catecholamine Depletion in Unmedicated Subjects With Major Depressive Disorder in Remission and Healthy Subjects. <i>Archives of General Psychiatry</i> , 2008, 65, 521.	12.3	192
122	Cognitive heterogeneity in schizophrenia. <i>Current Opinion in Psychiatry</i> , 2007, 20, 268-272.	6.3	144
123	The effects of acute tryptophan depletion and serotonin transporter polymorphism on emotional processing in memory and attention. <i>International Journal of Neuropsychopharmacology</i> , 2007, 10, 449.	2.1	98
124	Cognitive Limitations in Aging and Psychopathology. Edited by R. W. Engle, G. Sedek, U. von Hecker and D. N. McIntosh. (Pp. 452; \$85.00; ISBN 0521834074 hb.) Cambridge University Press: New York. 2005.. <i>Psychological Medicine</i> , 2007, 37, 298-299.	4.5	0
125	Neuropsychological function in ecstasy users: a study controlling for polydrug use. <i>Psychopharmacology</i> , 2006, 189, 505-516.	3.1	31
126	The effect of polymorphism at the serotonin transporter gene on decision-making, memory and executive function in ecstasy users and controls. <i>Psychopharmacology</i> , 2006, 188, 213-227.	3.1	96



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127	Differences in orbitofrontal activation during decision-making between methadone-maintained opiate users, heroin users and healthy volunteers. <i>Psychopharmacology</i> , 2006, 188, 364-373.	3.1	57
128	Neuropsychology of mood disorders. <i>Psychiatry (Abingdon, England)</i> , 2006, 5, 158-162.	0.2	2
129	Serotonin Transporter Polymorphism Mediates Vulnerability to Loss of Incentive Motivation Following Acute Tryptophan Depletion. <i>Neuropsychopharmacology</i> , 2006, 31, 2264-2272.	5.4	82
130	The Subjective and Cognitive Effects of Acute Phenylalanine and Tyrosine Depletion in Patients Recovered from Depression. <i>Neuropsychopharmacology</i> , 2005, 30, 775-785.	5.4	78
131	Association of a Functional Polymorphism in the Serotonin Transporter Gene With Abnormal Emotional Processing in Ecstasy Users. <i>American Journal of Psychiatry</i> , 2005, 162, 609-612.	7.2	68
132	Punishment Induces Risky Decision-Making in Methadone-Maintained Opiate Users but not in Heroin Users or Healthy Volunteers. <i>Neuropsychopharmacology</i> , 2005, 30, 2115-2124.	5.4	53
133	Relationship between ecstasy use and depression: a study controlling for poly-drug use. <i>Psychopharmacology</i> , 2004, 173, 411-417.	3.1	58
134	The role of urban greenspace in children's reward and punishment sensitivity. <i>Landscape Research</i> , 0, , 1-15.	1.6	0