Jonathan Paul Roiser

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1566192/publications.pdf Version: 2024-02-01

	31976	39675
10,116	53	94
citations	h-index	g-index
153	153	11346
docs citations	times ranked	citing authors
	10,116 citations 153 docs citations	10,11653citationsh-index153153docs citationstimes ranked

IONATHAN PALL POISEP

#	Article	lF	CITATIONS
1	Reward and Punishment Processing in Depression. Biological Psychiatry, 2010, 68, 118-124.	1.3	458
2	Cognitive Mechanisms of Treatment in Depression. Neuropsychopharmacology, 2012, 37, 117-136.	5.4	440
3	The Lancet Psychiatry Commission on psychological treatments research in tomorrow's science. Lancet Psychiatry,the, 2018, 5, 237-286.	7.4	412
4	Neuroscience of apathy and anhedonia: a transdiagnostic approach. Nature Reviews Neuroscience, 2018, 19, 470-484.	10.2	369
5	Bonsai Trees in Your Head: How the Pavlovian System Sculpts Goal-Directed Choices by Pruning Decision Trees. PLoS Computational Biology, 2012, 8, e1002410.	3.2	314
6	Striatal Prediction Error Modulates Cortical Coupling. Journal of Neuroscience, 2010, 30, 3210-3219.	3.6	294
7	Hot and cold cognition in depression. CNS Spectrums, 2013, 18, 139-149.	1.2	287
8	Atomoxetine Modulates Right Inferior Frontal Activation During Inhibitory Control: A Pharmacological Functional Magnetic Resonance Imaging Study. Biological Psychiatry, 2009, 65, 550-555.	1.3	274
9	Do patients with schizophrenia exhibit aberrant salience?. Psychological Medicine, 2009, 39, 199-209.	4.5	237
10	Chronic cocaine but not chronic amphetamine use is associated with perseverative responding in humans. Psychopharmacology, 2008, 197, 421-431.	3.1	229
11	Serotonin Selectively Modulates Reward Value in Human Decision-Making. Journal of Neuroscience, 2012, 32, 5833-5842.	3.6	211
12	Developmental influences on the neural bases of responses to social rejection: Implications of social neuroscience for education. NeuroImage, 2011, 57, 686-694.	4.2	205
13	Neural Response to Catecholamine Depletion in Unmedicated Subjects With Major Depressive Disorder in Remission and Healthy Subjects. Archives of General Psychiatry, 2008, 65, 521.	12.3	192
14	Encoding of Marginal Utility across Time in the Human Brain. Journal of Neuroscience, 2009, 29, 9575-9581.	3.6	183
15	A Genetically Mediated Bias in Decision Making Driven by Failure of Amygdala Control. Journal of Neuroscience, 2009, 29, 5985-5991.	3.6	183
16	Neural and Behavioral Correlates of Aberrant Salience in Individuals at Risk for Psychosis. Schizophrenia Bulletin, 2013, 39, 1328-1336.	4.3	180
17	Neural correlates of change in major depressive disorder anhedonia following open-label ketamine. Journal of Psychopharmacology, 2015, 29, 596-607.	4.0	175
18	Intact Reward Learning but Elevated Delay Discounting in Parkinson's Disease Patients With Impulsive-Compulsive Spectrum Behaviors. Neuropsychopharmacology, 2010, 35, 2155-2164.	5.4	159

#	Article	IF	CITATIONS
19	Habenula Volume in Bipolar Disorder and Major Depressive Disorder: A High-Resolution Magnetic Resonance Imaging Study. Biological Psychiatry, 2011, 69, 336-343.	1.3	159
20	Computational Psychiatry: towards a mathematically informed understanding of mental illness. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, jnnp-2015-310737.	1.9	156
21	Understanding why patients with schizophrenia do not perceive the hollow-mask illusion using dynamic causal modelling. NeuroImage, 2009, 46, 1180-1186.	4.2	155
22	Stratified medicine for mental disorders. European Neuropsychopharmacology, 2014, 24, 5-50.	0.7	152
23	Neurocomputational mechanisms of prosocial learning and links to empathy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9763-9768.	7.1	151
24	Interplay of approximate planning strategies. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3098-3103.	7.1	145
25	Cognitive heterogeneity in schizophrenia. Current Opinion in Psychiatry, 2007, 20, 268-272.	6.3	144
26	Enhanced Risk Aversion, But Not Loss Aversion, in Unmedicated Pathological Anxiety. Biological Psychiatry, 2017, 81, 1014-1022.	1.3	118
27	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
28	Response Perseveration in Stimulant Dependence Is Associated with Striatal Dysfunction and Can Be Ameliorated by a D2/3 Receptor Agonist. Biological Psychiatry, 2011, 70, 754-762.	1.3	113
29	Investigating associations between empathy, morality and psychopathic personality traits in the general population. Personality and Individual Differences, 2012, 52, 67-71.	2.9	111
30	The Effects of Tryptophan Depletion on Neural Responses to Emotional Words in Remitted Depression. Biological Psychiatry, 2009, 66, 441-450.	1.3	108
31	Losing the rose tinted glasses: neural substrates of unbiased belief updating in depression. Frontiers in Human Neuroscience, 2014, 8, 639.	2.0	105
32	Defining the habenula in human neuroimaging studies. NeuroImage, 2013, 64, 722-727.	4.2	102
33	The effects of acute tryptophan depletion and serotonin transporter polymorphism on emotional processing in memory and attention. International Journal of Neuropsychopharmacology, 2007, 10, 449.	2.1	98
34	Reward-Processing Behavior in Depressed Participants Relative to Healthy Volunteers. JAMA Psychiatry, 2020, 77, 1286.	11.0	97
35	The effect of polymorphism at the serotonin transporter gene on decision-making, memory and executive function in ecstasy users and controls. Psychopharmacology, 2006, 188, 213-227.	3.1	96
36	Modeling Avoidance in Mood and Anxiety Disorders Using Reinforcement Learning. Biological Psychiatry, 2017, 82, 532-539.	1.3	96

JONATHAN PAUL ROISER

#	Article	IF	CITATIONS
37	Encoding of Vicarious Reward Prediction in Anterior Cingulate Cortex and Relationship with Trait Empathy. Journal of Neuroscience, 2015, 35, 13720-13727.	3.6	90
38	Hot and cold cognition in unmedicated depressed subjects with bipolar disorder. Bipolar Disorders, 2009, 11, 178-189.	1.9	89
39	Altered learning under uncertainty in unmedicated mood and anxiety disorders. Nature Human Behaviour, 2019, 3, 1116-1123.	12.0	87
40	Effective Connectivity during Processing of Facial Affect: Evidence for Multiple Parallel Pathways. Journal of Neuroscience, 2011, 31, 14378-14385.	3.6	84
41	Serotonin Transporter Polymorphism Mediates Vulnerability to Loss of Incentive Motivation Following Acute Tryptophan Depletion. Neuropsychopharmacology, 2006, 31, 2264-2272.	5.4	82
42	The Subjective and Cognitive Effects of Acute Phenylalanine and Tyrosine Depletion in Patients Recovered from Depression. Neuropsychopharmacology, 2005, 30, 775-785.	5.4	78
43	Unreliability of putative fMRI biomarkers during emotional face processing. NeuroImage, 2017, 156, 119-127.	4.2	78
44	The Effect of Acute Tryptophan Depletion on the Neural Correlates of Emotional Processing in Healthy Volunteers. Neuropsychopharmacology, 2008, 33, 1992-2006.	5.4	73
45	Power-up: A Reanalysis of 'Power Failure' in Neuroscience Using Mixture Modeling. Journal of Neuroscience, 2017, 37, 8051-8061.	3.6	70
46	Models of Affective Decision Making. Psychological Science, 2016, 27, 763-775.	3.3	69
47	Association of a Functional Polymorphism in the Serotonin Transporter Gene With Abnormal Emotional Processing in Ecstasy Users. American Journal of Psychiatry, 2005, 162, 609-612.	7.2	68
48	EMOTICOM: A Neuropsychological Test Battery to Evaluate Emotion, Motivation, Impulsivity, and Social Cognition. Frontiers in Behavioral Neuroscience, 2016, 10, 25.	2.0	64
49	Give it time: Neural evidence for distorted time perception and enhanced memory encoding in emotional situations. NeuroImage, 2012, 63, 591-599.	4.2	63
50	Empathy, morality and psychopathic traits in women. Personality and Individual Differences, 2013, 55, 328-333.	2.9	59
51	Relationship between ecstasy use and depression: a study controlling for poly-drug use. Psychopharmacology, 2004, 173, 411-417.	3.1	58
52	Association between habenula dysfunction and motivational symptoms in unmedicated major depressive disorder. Social Cognitive and Affective Neuroscience, 2017, 12, 1520-1533.	3.0	58
53	Resting state connectivity of the human habenula at ultra-high field. NeuroImage, 2017, 147, 872-879.	4.2	58
54	Differences in orbitofrontal activation during decision-making between methadone-maintained opiate users, heroin users and healthy volunteers. Psychopharmacology, 2006, 188, 364-373.	3.1	57

JONATHAN PAUL ROISER

#	Article	IF	CITATIONS
55	Ketamine modulates fronto-striatal circuitry in depressed and healthy individuals. Molecular Psychiatry, 2021, 26, 3292-3301.	7.9	57
56	Punishment Induces Risky Decision-Making in Methadone-Maintained Opiate Users but not in Heroin Users or Healthy Volunteers. Neuropsychopharmacology, 2005, 30, 2115-2124.	5.4	53
57	Reward Processing After Catecholamine Depletion in Unmedicated, Remitted Subjects with Major Depressive Disorder. Biological Psychiatry, 2009, 66, 201-205.	1.3	53
58	Dysconnectivity in the Frontoparietal Attention Network in Schizophrenia. Frontiers in Psychiatry, 2013, 4, 176.	2.6	53
59	Attractor-like Dynamics in Belief Updating in Schizophrenia. Journal of Neuroscience, 2018, 38, 9471-9485.	3.6	51
60	Effect of Citalopram on Emotion Processing in Humans: A Combined 5-HT1A [11C]CUMI-101 PET and Functional MRI Study. Neuropsychopharmacology, 2018, 43, 655-664.	5.4	49
61	Neural predictors of treatment response to brain stimulation and psychological therapy in depression: a double-blind randomized controlled trial. Neuropsychopharmacology, 2019, 44, 1613-1622.	5.4	49
62	Peripheral biomarkers of cognitive response to dopamine receptor agonist treatment. Psychopharmacology, 2011, 214, 779-789.	3.1	48
63	Aberrant Salience Is Related to Reduced Reinforcement Learning Signals and Elevated Dopamine Synthesis Capacity in Healthy Adults. Journal of Neuroscience, 2015, 35, 10103-10111.	3.6	46
64	Affective resonance in response to others' emotional faces varies with affective ratings and psychopathic traits in amygdala and anterior insula. Social Neuroscience, 2016, 11, 140-152.	1.3	45
65	Modulation of motivational salience processing during the early stages of psychosis. Schizophrenia Research, 2015, 166, 17-23.	2.0	44
66	Anhedonia is associated with blunted reward sensitivity in first-degree relatives of patients with major depression. Journal of Affective Disorders, 2016, 190, 640-648.	4.1	44
67	Emotion-induced loss aversion and striatal-amygdala coupling in low-anxious individuals. Social Cognitive and Affective Neuroscience, 2016, 11, 569-579.	3.0	43
68	Searching for an anchor in an unpredictable world: A computational model of obsessive compulsive disorder Psychological Review, 2020, 127, 672-699.	3.8	43
69	fMRI in translation: the challenges facing real-world applications. Frontiers in Human Neuroscience, 2009, 3, 63.	2.0	41
70	Adaptive and aberrant reward prediction signals in the human brain. NeuroImage, 2010, 50, 657-664.	4.2	40
71	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
72	7T 1H-MRS in major depressive disorder: a Ketamine Treatment Study. Neuropsychopharmacology, 2018, 43, 1908-1914.	5.4	38

#	Article	IF	CITATIONS
73	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. Biological Psychiatry, 2020, 88, e5-e10.	1.3	36
74	Dynamic causal modelling of effective connectivity during perspective taking in a communicative task. Neurolmage, 2013, 76, 116-124.	4.2	35
75	Reliability of 7T ¹ 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. Journal of Magnetic Resonance Imaging, 2016, 43, 88-98.	3.4	35
76	Anxiety makes time pass quicker while fear has no effect. Cognition, 2020, 197, 104116.	2.2	33
77	Does excitatory fronto-extracerebral tDCS lead to improved working memory performance?. F1000Research, 2013, 2, 219.	1.6	33
78	Anticipation of guilt for everyday moral transgressions: The role of the anterior insula and the influence of interpersonal psychopathic traits. Scientific Reports, 2016, 6, 36273.	3.3	32
79	Neuropsychological function in ecstasy users: a study controlling for polydrug use. Psychopharmacology, 2006, 189, 505-516.	3.1	31
80	Serotonin Transporter Genotype Modulates Subgenual Response to Fearful Faces Using an Incidental Task. Journal of Cognitive Neuroscience, 2011, 23, 3681-3693.	2.3	31
81	Adaptation of social and non-social cues to direction in adults with autism spectrum disorder and neurotypical adults with autistic traits. Developmental Cognitive Neuroscience, 2018, 29, 108-116.	4.0	28
82	The impact of threat of shock on the framing effect and temporal discounting: executive functions unperturbed by acute stress?. Frontiers in Psychology, 2015, 6, 1315.	2.1	26
83	The impact of stress on financial decision-making varies as a function of depression and anxiety symptoms. PeerJ, 2015, 3, e770.	2.0	25
84	Assessing the construct validity of aberrant salience. Frontiers in Behavioral Neuroscience, 2009, 3, 58.	2.0	24
85	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. Cerebral Cortex, 2020, 30, 3573-3589.	2.9	24
86	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
87	Does excitatory fronto-extracephalic tDCS lead to improved working memory performance?. F1000Research, 2013, 2, 219.	1.6	23
88	Evaluation of state and trait biomarkers in healthy volunteers for the development of novel drug treatments in schizophrenia. Journal of Psychopharmacology, 2011, 25, 1207-1225.	4.0	22
89	Threat of shock and aversive inhibition: Induced anxiety modulates Pavlovian-instrumental interactions Journal of Experimental Psychology: General, 2017, 146, 1694-1704.	2.1	22
90	Cognitive Impairment and Depression—Cause, Consequence, or Coincidence?. JAMA Psychiatry, 2019, 76, 239.	11.0	21

JONATHAN PAUL ROISER

#	Article	IF	CITATIONS
91	The impact of COVID-19 social isolation on aspects of emotional and social cognition. Cognition and Emotion, 2022, 36, 49-58.	2.0	21
92	Emotion-Induced Retrograde Amnesia Is Determined by a 5-HTT Genetic Polymorphism. Journal of Neuroscience, 2008, 28, 7036-7039.	3.6	19
93	Dopamine Regulates Approach-Avoidance in Human Sensation-Seeking. International Journal of Neuropsychopharmacology, 2015, 18, pyv041.	2.1	19
94	Presynaptic Serotoninergic Regulation of Emotional Processing: A Multimodal Brain Imaging Study. Biological Psychiatry, 2015, 78, 563-571.	1.3	19
95	Influence of theta-burst transcranial magnetic stimulation over the dorsolateral prefrontal cortex on emotion processing in healthy volunteers. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 1278-1293.	2.0	17
96	Prefrontal cortex stimulation does not affect emotional bias, but may slow emotion identification. Social Cognitive and Affective Neuroscience, 2017, 12, 839-847.	3.0	16
97	Postdecision Evidence Integration and Depressive Symptoms. Frontiers in Psychiatry, 2019, 10, 639.	2.6	16
98	Neuropsychology of affective disorders. Psychiatry (Abingdon, England), 2009, 8, 91-96.	0.2	15
99	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
100	Corticolimbic dysfunction during facial and prosodic emotional recognition in first-episode psychosis patients and individuals at ultra-high risk. NeuroImage: Clinical, 2016, 12, 645-654.	2.7	15
101	Anxiety promotes memory for mood-congruent faces but does not alter loss aversion. Scientific Reports, 2016, 6, 24746.	3.3	15
102	The Neural Basis of Aversive Pavlovian Guidance during Planning. Journal of Neuroscience, 2017, 37, 10215-10229.	3.6	15
103	Reliability of Fronto–Amygdala Coupling during Emotional Face Processing. Brain Sciences, 2019, 9, 89.	2.3	15
104	Disrupted reward processing in Parkinson's disease and its relationship with dopamine state and neuropsychiatric syndromes: a systematic review and meta-analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 555-562.	1.9	15
105	Are persistent delusions in schizophrenia associated with aberrant salience?. Schizophrenia Research: Cognition, 2016, 4, 32-38.	1.3	14
106	Cooperative Behavior in the Ultimatum Game and Prisoner's Dilemma Depends on Players' Contributions. Frontiers in Psychology, 2017, 8, 1017.	2.1	14
107	Factors associated with depression in people with inflammatory bowel disease: The relationship between active disease and biases in neurocognitive processing. Neurogastroenterology and Motility, 2019, 31, e13647.	3.0	14
108	The acute and non-acute effects of cannabis on reward processing: A systematic review. Neuroscience and Biobehavioral Reviews, 2021, 130, 512-528.	6.1	12

#	Article	IF	CITATIONS
109	Pleasure, Reward Value, Prediction Error and Anhedonia. Current Topics in Behavioral Neurosciences, 2022, , 281-304.	1.7	12
110	Altered reward and effort processing in children with maltreatment experience: a potential indicator of mental health vulnerability. Neuropsychopharmacology, 2022, 47, 1063-1070.	5.4	9
111	The acute effects of cannabidiol on emotional processing and anxiety: a neurocognitive imaging study. Psychopharmacology, 2022, 239, 1539-1549.	3.1	9
112	Assessment of cognitive safety in clinical drug development. Drug Discovery Today, 2016, 21, 445-453.	6.4	8
113	The relationship between reward and punishment processing and the 5-HT1A receptor as shown by PET. Psychopharmacology, 2014, 231, 2579-2586.	3.1	7
114	Shared Neural Mechanisms for the Evaluation of Intense Sensory Stimulation and Economic Reward, Dependent on Stimulation-Seeking Behavior. Journal of Neuroscience, 2016, 36, 10026-10038.	3.6	7
115	Short-Term Fasting Selectively Influences Impulsivity in Healthy Individuals. Frontiers in Psychology, 2020, 11, 1644.	2.1	7
116	Risk-taking to obtain reward: sex differences and associations with emotional and depressive symptoms in a nationally representative cohort of UK adolescents. Psychological Medicine, 2022, 52, 2805-2813.	4.5	6
117	Recall bias during adolescence: Gender differences and associations with depressive symptoms. Journal of Affective Disorders, 2021, 282, 299-307.	4.1	6
118	Peripheral Serotonin 1B Receptor Transcription Predicts the Effect of Acute Tryptophan Depletion on Risky Decision-Making. International Journal of Neuropsychopharmacology, 2017, 20, pyw075.	2.1	5
119	Does overloading cognitive resources mimic the impact of anxiety on temporal cognition?. Journal of Experimental Psychology: Learning Memory and Cognition, 2020, 46, 1828-1835.	0.9	5
120	Hot and cold cognition in major depressive disorder. , 2015, , 69-80.		4
121	The Role of Serotonin in Aversive Inhibition: Behavioural, Cognitive and Neural Perspectives. Psychopathology Review, 2016, a3, 29-40.	0.9	4
122	Relations Among Anhedonia, Reinforcement Learning, and Global Functioning in Help-seeking Youth. Schizophrenia Bulletin, 2021, 47, 1534-1543.	4.3	4
123	The role of greenspace deprivation in children's decision-making. Urban Forestry and Urban Greening, 2022, 69, 127515.	5.3	4
124	Neuropsychology of mood disorders. Psychiatry (Abingdon, England), 2006, 5, 158-162.	0.2	2
125	New perspectives on techniques for the clinical psychiatrist: Brain stimulation, chronobiology and psychiatric brain imaging. Psychiatry and Clinical Neurosciences, 2008, 62, 627-637.	1.8	2
126	Neuroimaging: A Scanner, Colourfully. Current Biology, 2012, 22, R231-R233.	3.9	2

#	Article	IF	CITATIONS
127	Cognitive impairment in depression and its (non-)response to antidepressant treatment. Evidence-Based Mental Health, 2016, 19, e23-e23.	4.5	2
128	A comparison of â€~pruning' during multi-step planning in depressed and healthy individuals. Psychological Medicine, 2022, 52, 3948-3956.	4.5	2
129	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 Psychological Medicine, 2007, 37, 298-299.	4.5	0
130	[P2–479]: SELFâ€SCHEMA ALTERATIONS IN DEMENTIA. Alzheimer's and Dementia, 2017, 13, P824.	0.8	0
131	[P1–504]: TACTILE PROCESSING IN DEMENTIA. Alzheimer's and Dementia, 2017, 13, P486.	0.8	0
132	26.3 SALIENCE SIGNALING AND THE EMERGENCE OF PSYCHOPATHOLOGY IN YOUTH AT CLINICAL HIGH RISK FOR PSYCHOTIC ILLNESS. Schizophrenia Bulletin, 2018, 44, S43-S43.	4.3	0
133	Internality and the internalisation of failure: Evidence from a novel task. PLoS Computational Biology, 2021, 17, e1009134.	3.2	0
134	The role of urban greenspace in children's reward and punishment sensitivity. Landscape Research, 0, , 1-15.	1.6	0