

Robb B Rutledge

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

3,788
citations

186265

28
h-index

182427

51
g-index

69
all docs

69
docs citations

69
times ranked

4309
citing authors

#	ARTICLE	IF	CITATIONS
1	Opportunity cost determines free-operant action initiation latency and predicts apathy. <i>Psychological Medicine</i> , 2023, 53, 1850-1859.	4.5	1
2	The temporal representation of experience in subjective mood. <i>ELife</i> , 2021, 10, .	6.0	14
3	Smartphones and the Neuroscience of Mental Health. <i>Annual Review of Neuroscience</i> , 2021, 44, 129-151.	10.7	43
4	Aberrant Striatal Value Representation in Huntington's Disease Gene Carriers 25 Years Before Onset. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 910-918.	1.5	1
5	A Neurocomputational Model for Intrinsic Reward. <i>Journal of Neuroscience</i> , 2021, 41, 8963-8971.	3.6	13
6	Distinct Processing of Aversive Experience in Amygdala Subregions. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 291-300.	1.5	26
7	Aberrant striatal value representation in Huntington's disease gene carriers 25 years before onset. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, e4.1-e4.	1.9	0
8	Neurocomputational mechanisms underpinning aberrant social learning in young adults with low self-esteem. <i>Translational Psychiatry</i> , 2020, 10, 96.	4.8	23
9	Under the Hood: Using Computational Psychiatry to Make Psychological Therapies More Mechanism-Focused. <i>Frontiers in Psychiatry</i> , 2020, 11, 140.	2.6	27
10	Momentary subjective well-being depends on learning and not reward. <i>ELife</i> , 2020, 9, .	6.0	25
11	Social uncertainty is heterogeneous and sometimes valuable. <i>Nature Human Behaviour</i> , 2019, 3, 764-764.	12.0	4
12	Endogenous fluctuations in the dopaminergic midbrain drive behavioral choice variability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18732-18737.	7.1	37
13	Machine learning and big data in psychiatry: toward clinical applications. <i>Current Opinion in Neurobiology</i> , 2019, 55, 152-159.	4.2	142
14	Oxytocin modulates social value representations in the amygdala. <i>Nature Neuroscience</i> , 2019, 22, 633-641.	14.8	53
15	Computing Value from Quality and Quantity in Human Decision-Making. <i>Journal of Neuroscience</i> , 2019, 39, 163-176.	3.6	19
16	The Psychological and Neural Basis of Loss Aversion. <i>Current Directions in Psychological Science</i> , 2019, 28, 20-27.	5.3	76
17	Neural random utility: Relating cardinal neural observables to stochastic choice behavior.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2019, 12, 45-72.	1.0	20
18	Beliefs about bad people are volatile. <i>Nature Human Behaviour</i> , 2018, 2, 750-756.	12.0	82

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19	Age-dependent Pavlovian biases influence motor decision-making. <i>PLoS Computational Biology</i> , 2018, 14, e1006304.	3.2	11
20	Neural activity and fundamental learning, motivated by monetary loss and reward, are intact in mild to moderate major depressive disorder. <i>PLoS ONE</i> , 2018, 13, e0201451.	2.5	28
21	Mood Instability and Reward Dysregulation—A Neurocomputational Model of Bipolar Disorder. <i>JAMA Psychiatry</i> , 2017, 74, 1275.	11.0	75
22	Association of Neural and Emotional Impacts of Reward Prediction Errors With Major Depression. <i>JAMA Psychiatry</i> , 2017, 74, 790.	11.0	150
23	Neural and computational processes underlying dynamic changes in self-esteem. <i>ELife</i> , 2017, 6, .	6.0	83
24	Perimovement decrease of alpha/beta oscillations in the human nucleus accumbens. <i>Journal of Neurophysiology</i> , 2016, 116, 1663-1672.	1.8	8
25	The Impact of Menstrual Cycle Phase on Economic Choice and Rationality. <i>PLoS ONE</i> , 2016, 11, e0144080.	2.5	36
26	Computations of uncertainty mediate acute stress responses in humans. <i>Nature Communications</i> , 2016, 7, 10996.	12.8	216
27	Acute stress selectively impairs learning to act. <i>Scientific Reports</i> , 2016, 6, 29816.	3.3	29
28	The influence of contextual reward statistics on risk preference. <i>NeuroImage</i> , 2016, 128, 74-84.	4.2	35
29	Dopamine Increases a Value-Independent Gambling Propensity. <i>Neuropsychopharmacology</i> , 2016, 41, 2658-2667.	5.4	58
30	The social contingency of momentary subjective well-being. <i>Nature Communications</i> , 2016, 7, 11825.	12.8	27
31	Risk Taking for Potential Reward Decreases across the Lifespan. <i>Current Biology</i> , 2016, 26, 1634-1639.	3.9	85
32	Mood as Representation of Momentum. <i>Trends in Cognitive Sciences</i> , 2016, 20, 15-24.	7.8	220
33	Approach-Induced Biases in Human Information Sampling. <i>PLoS Biology</i> , 2016, 14, e2000638.	5.6	43
34	Oxytocin Effect on Collective Decision Making: A Randomized Placebo Controlled Study. <i>PLoS ONE</i> , 2016, 11, e0153352.	2.5	9
35	No unified reward prediction error in local field potentials from the human nucleus accumbens: evidence from epilepsy patients. <i>Journal of Neurophysiology</i> , 2015, 114, 781-792.	1.8	9
36	Age-related changes in working memory and the ability to ignore distraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6515-6518.	7.1	91

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37	Cortical drive of low-frequency oscillations in the human nucleus accumbens during action selection. <i>Journal of Neurophysiology</i> , 2015, 114, 29-39.	1.8	14
38	Dopaminergic Modulation of Decision Making and Subjective Well-Being. <i>Journal of Neuroscience</i> , 2015, 35, 9811-9822.	3.6	174
39	Reply: Differential functions of ventral and dorsal striatum. <i>Brain</i> , 2015, 138, e382-e382.	7.6	1
40	Proactive and Reactive Response Inhibition across the Lifespan. <i>PLoS ONE</i> , 2015, 10, e0140383.	2.5	58
41	Phasic Dopamine Release in the Rat Nucleus Accumbens Symmetrically Encodes a Reward Prediction Error Term. <i>Journal of Neuroscience</i> , 2014, 34, 698-704.	3.6	238
42	A Role for the Human Substantia Nigra in Reinforcement Learning. <i>Journal of Neuroscience</i> , 2014, 34, 12947-12949.	3.6	7
43	A computational and neural model of momentary subjective well-being. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12252-12257.	7.1	322
44	Dorsal striatum is necessary for stimulus-value but not action-value learning in humans. <i>Brain</i> , 2014, 137, 3129-3135.	7.6	24
45	Crowdsourcing for Cognitive Science – The Utility of Smartphones. <i>PLoS ONE</i> , 2014, 9, e100662.	2.5	90
46	Choice from Non-Choice: Predicting Consumer Preferences from Blood Oxygenation Level-Dependent Signals Obtained during Passive Viewing. <i>Journal of Neuroscience</i> , 2011, 31, 118-125.	3.6	184
47	Measuring Beliefs and Rewards: A Neuroeconomic Approach. <i>Quarterly Journal of Economics</i> , 2010, 125, 923-960.	8.6	55
48	Testing the Reward Prediction Error Hypothesis with an Axiomatic Model. <i>Journal of Neuroscience</i> , 2010, 30, 13525-13536.	3.6	190
49	Dopaminergic Drugs Modulate Learning Rates and Perseveration in Parkinson's Patients in a Dynamic Foraging Task. <i>Journal of Neuroscience</i> , 2009, 29, 15104-15114.	3.6	213
50	The right tool for the job: what strategies do wild New Caledonian crows use?. <i>Animal Cognition</i> , 2006, 9, 307-316.	1.8	86
51	Melanesian and Asian Origins of Polynesians: mtDNA and Y Chromosome Gradients Across the Pacific. <i>Molecular Biology and Evolution</i> , 2006, 23, 2234-2244.	8.9	216
52	Lateralized tool use in wild New Caledonian crows. <i>Animal Behaviour</i> , 2004, 67, 327-332.	1.9	77
53	Neural Random Utility. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7