

Nils Kolling

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.

36
papers

2,126
citations

19
h-index

44
g-index

44
ext. papers

2,719
ext. citations

14.3
avg, IF

5.09
L-index

#	Paper	IF	Citations
36	Neural mechanisms of foraging. <i>Science</i> , 2012 , 336, 95-8	33.3	399
35	Mechanisms underlying cortical activity during value-guided choice. <i>Nature Neuroscience</i> , 2012 , 15, 470-6, S1-3	25.5	290
34	Value, search, persistence and model updating in anterior cingulate cortex. <i>Nature Neuroscience</i> , 2016 , 19, 1280-5	25.5	237
33	Valuation and decision-making in frontal cortex: one or many serial or parallel systems?. <i>Current Opinion in Neurobiology</i> , 2012 , 22, 946-55	7.6	203
32	Multiple signals in anterior cingulate cortex. <i>Current Opinion in Neurobiology</i> , 2016 , 37, 36-43	7.6	140
31	Re-evaluating the role of the orbitofrontal cortex in reward and reinforcement. <i>European Journal of Neuroscience</i> , 2012 , 35, 997-1010	3.5	135
30	Multiple neural mechanisms of decision making and their competition under changing risk pressure. <i>Neuron</i> , 2014 , 81, 1190-1202	13.9	109
29	Self-Other Mergence in the Frontal Cortex during Cooperation and Competition. <i>Neuron</i> , 2016 , 91, 482-493	13.9	87
28	A neural mechanism underlying failure of optimal choice with multiple alternatives. <i>Nature Neuroscience</i> , 2014 , 17, 463-70	25.5	79
27	Predictive decision making driven by multiple time-linked reward representations in the anterior cingulate cortex. <i>Nature Communications</i> , 2016 , 7, 12327	17.4	68
26	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change. <i>Nature Neuroscience</i> , 2019 , 22, 797-808	25.5	66
25	The Good, the Bad, and the Irrelevant: Neural Mechanisms of Learning Real and Hypothetical Rewards and Effort. <i>Journal of Neuroscience</i> , 2015 , 35, 11233-51	6.6	58
24	Simultaneous representation of a spectrum of dynamically changing value estimates during decision making. <i>Nature Communications</i> , 2017 , 8, 1942	17.4	42
23	Neural Mechanisms of Credit Assignment in a Multicue Environment. <i>Journal of Neuroscience</i> , 2016 , 36, 1096-112	6.6	35
22	Critical role for the mediodorsal thalamus in permitting rapid reward-guided updating in stochastic reward environments. <i>ELife</i> , 2016 , 5,	8.9	31
21	Beyond negative valence: 2-week administration of a serotonergic antidepressant enhances both reward and effort learning signals. <i>PLoS Biology</i> , 2017 , 15, e2000756	9.7	22
20	Excitation and inhibition in anterior cingulate predict use of past experiences. <i>ELife</i> , 2017 , 6,	8.9	22

19	Prospection, Perseverance, and Insight in Sequential Behavior. <i>Neuron</i> , 2018 , 99, 1069-1082.e7	13.9	21
18	Dopamine Modulates Dynamic Decision-Making during Foraging. <i>Journal of Neuroscience</i> , 2020 , 40, 527365282	19	
17	A role beyond learning for NMDA receptors in reward-based decision-making-a pharmacological study using d-cycloserine. <i>Neuropsychopharmacology</i> , 2014 , 39, 2900-9	8.7	19
16	(Reinforcement?) Learning to forage optimally. <i>Current Opinion in Neurobiology</i> , 2017 , 46, 162-169	7.6	18
15	Formalizing planning and information search in naturalistic decision-making. <i>Nature Neuroscience</i> , 2021 , 24, 1051-1064	25.5	6
14	Divide and conquer: strategic decision areas. <i>Nature Neuroscience</i> , 2015 , 18, 616-8	25.5	5
13	State-change decisions and dorsomedial prefrontal cortex: the importance of time. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 22, 152-160	4	3
12	What's Worth the Risk? A Neural Circuit for Trade-Offs. <i>Cell</i> , 2015 , 161, 1243-4	56.2	3
11	Multiple systems in macaques for tracking prediction errors and other types of surprise. <i>PLoS Biology</i> , 2020 , 18, e3000899	9.7	2
10	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change		2
9	Dopamine modulates dynamic decision-making during foraging		1
8	Constructing Others' Beliefs from One's Own Using Medial Frontal Cortex. <i>Journal of Neuroscience</i> , 2021 , 41, 9571-9580	6.6	1
7	The effect of apathy and compulsivity on planning and stopping in sequential decision-making.. <i>PLoS Biology</i> , 2022 , 20, e3001566	9.7	1
6	Multiple systems in macaques for tracking prediction errors and other types of surprise 2020 , 18, e3000899		
5	Multiple systems in macaques for tracking prediction errors and other types of surprise 2020 , 18, e3000899		
4	Multiple systems in macaques for tracking prediction errors and other types of surprise 2020 , 18, e3000899		
3	Multiple systems in macaques for tracking prediction errors and other types of surprise 2020 , 18, e3000899		
2	Multiple systems in macaques for tracking prediction errors and other types of surprise 2020 , 18, e3000899		

- 1 Multiple systems in macaques for tracking prediction errors and other types of surprise **2020**, 18, e3000899