Nils Kolling

List of Publications by Year in Descending Order

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	The effect of apathy and compulsivity on planning and stopping in sequential decision-making.. *PLoS Biology*, **2022**, 20, e3001566	9.7	1
35	Formalizing planning and information search in naturalistic decision-making. *Nature Neuroscience*, **2021**, 24, 1051-1064	25.5	6
34	Constructing OthersW Beliefs from OneW Own Using Medial Frontal Cortex. *Journal of Neuroscience*, **2021**, 41, 9571-9580	6.6	1
33	Dopamine Modulates Dynamic Decision-Making during Foraging. *Journal of Neuroscience*, **2020**, 40, 5273-5282	6.6	19
32	Multiple systems in macaques for tracking prediction errors and other types of surprise. *PLoS Biology*, **2020**, 18, e3000899	9.7	2
31	Multiple systems in macaques for tracking prediction errors and other types of surprise **2020**, 18, e3000899		
30	Multiple systems in macaques for tracking prediction errors and other types of surprise **2020**, 18, e3000899		
29	Multiple systems in macaques for tracking prediction errors and other types of surprise **2020**, 18, e3000899		
28	Multiple systems in macaques for tracking prediction errors and other types of surprise **2020**, 18, e3000899		
27	Multiple systems in macaques for tracking prediction errors and other types of surprise **2020**, 18, e3000899		
26	Multiple systems in macaques for tracking prediction errors and other types of surprise **2020**, 18, e3000899		
25	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change. *Nature Neuroscience*, **2019**, 22, 797-808	25.5	66
24	State-change decisions and dorsomedial prefrontal cortex: the importance of time. *Current Opinion in Behavioral Sciences*, **2018**, 22, 152-160	4	3
23	Prospection, Perseverance, and Insight in Sequential Behavior. *Neuron*, **2018**, 99, 1069-1082.e7	13.9	21
22	Beyond negative valence: 2-week administration of a serotonergic antidepressant enhances both reward and effort learning signals. *PLoS Biology*, **2017**, 15, e2000756	9.7	22
21	(Reinforcement?) Learning to forage optimally. *Current Opinion in Neurobiology*, **2017**, 46, 162-169	7.6	18
20	Simultaneous representation of a spectrum of dynamically changing value estimates during decision making. *Nature Communications*, **2017**, 8, 1942	17.4	42

19	Excitation and inhibition in anterior cingulate predict use of past experiences. *ELife*, **2017**, 6,	8.9	22
18	Self-Other Mergence in the Frontal Cortex during Cooperation and Competition. *Neuron*, **2016**, 91, 482-93	13.9	87
17	Multiple signals in anterior cingulate cortex. *Current Opinion in Neurobiology*, **2016**, 37, 36-43	7.6	140
16	Critical role for the mediodorsal thalamus in permitting rapid reward-guided updating in stochastic reward environments. *ELife*, **2016**, 5,	8.9	31
15	Neural Mechanisms of Credit Assignment in a Multicue Environment. *Journal of Neuroscience*, **2016**, 36, 1096-112	6.6	35
14	Predictive decision making driven by multiple time-linked reward representations in the anterior cingulate cortex. *Nature Communications*, **2016**, 7, 12327	17.4	68
13	Value, search, persistence and model updating in anterior cingulate cortex. *Nature Neuroscience*, **2016**, 19, 1280-5	25.5	237
12	Divide and conquer: strategic decision areas. *Nature Neuroscience*, **2015**, 18, 616-8	25.5	5
11	The Good, the Bad, and the Irrelevant: Neural Mechanisms of Learning Real and Hypothetical Rewards and Effort. *Journal of Neuroscience*, **2015**, 35, 11233-51	6.6	58
10	What's Worth the Risk? A Neural Circuit for Trade-Offs. *Cell*, **2015**, 161, 1243-4	56.2	3
9	A neural mechanism underlying failure of optimal choice with multiple alternatives. *Nature Neuroscience*, **2014**, 17, 463-70	25.5	79
8	A role beyond learning for NMDA receptors in reward-based decision-making-a pharmacological study using d-cycloserine. *Neuropsychopharmacology*, **2014**, 39, 2900-9	8.7	19
7	Multiple neural mechanisms of decision making and their competition under changing risk pressure. *Neuron*, **2014**, 81, 1190-1202	13.9	109
6	Re-evaluating the role of the orbitofrontal cortex in reward and reinforcement. *European Journal of Neuroscience*, **2012**, 35, 997-1010	3.5	135
5	Valuation and decision-making in frontal cortex: one or many serial or parallel systems?. *Current Opinion in Neurobiology*, **2012**, 22, 946-55	7.6	203
4	Mechanisms underlying cortical activity during value-guided choice. *Nature Neuroscience*, **2012**, 15, 470-6, S1-3	25.5	290
3	Neural mechanisms of foraging. *Science*, **2012**, 336, 95-8	33.3	399
2	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change		2