Steven W Kennerley

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	5,883 citations	172457 29 h-index	302126 39 g-index
50 all docs	50 docs citations	50 times ranked	5546 citing authors

#	Article	IF	Citations
1	Transferring structural knowledge across cognitive maps in humans and models. Nature Communications, 2020, 11, 4783.	12.8	32
2	A Diversity of Intrinsic Timescales Underlie Neural Computations. Frontiers in Neural Circuits, 2020, 14, 615626.	2.8	44
3	Combined model-free and model-sensitive reinforcement learning in non-human primates. PLoS Computational Biology, 2020, 16, e1007944.	3.2	17
4	A circuit mechanism for decision-making biases and NMDA receptor hypofunction. ELife, 2020, 9, .	6.0	14
5	Combined model-free and model-sensitive reinforcement learning in non-human primates. , 2020, 16, e1007944.		0
6	Combined model-free and model-sensitive reinforcement learning in non-human primates. , 2020, 16, e1007944.		0
7	Combined model-free and model-sensitive reinforcement learning in non-human primates. , 2020, 16, e1007944.		0
8	Combined model-free and model-sensitive reinforcement learning in non-human primates. , 2020, 16, e1007944.		0
9	Visual fixation patterns during economic choice reflect covert valuation processes that emerge with learning. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22795-22801.	7.1	14
10	Mymou: A low-cost, wireless touchscreen system for automated training of nonhuman primates. Behavior Research Methods, 2019, 51, 2559-2572.	4.0	16
11	Triple dissociation of attention and decision computations across prefrontal cortex. Nature Neuroscience, 2018, 21, 1471-1481.	14.8	149
12	Reconciling persistent and dynamic hypotheses of working memory coding in prefrontal cortex. Nature Communications, 2018, 9, 3498.	12.8	112
13	Neural Signatures of Value Comparison in Human Cingulate Cortex during Decisions Requiring an Effort-Reward Trade-off. Journal of Neuroscience, 2016, 36, 10002-10015.	3.6	187
14	Approach-Induced Biases in Human Information Sampling. PLoS Biology, 2016, 14, e2000638.	5.6	43
15	Autocorrelation structure at rest predicts value correlates of single neurons during reward-guided choice. ELife, 2016, 5, .	6.0	88
16	In the blink of an eye: Value and novelty drive saccades. Annals of Medicine and Surgery, 2015, 4, 319-320.	1.1	0
17	Capturing the temporal evolution of choice across prefrontal cortex. ELife, 2015, 4, .	6.0	70
18	Prioritising the relevant information for learning and decision making within orbital and ventromedial prefrontal cortex. Current Opinion in Behavioral Sciences, 2015, 1, 78-85.	3.9	26

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19	Behavioral Modeling of Human Choices Reveals Dissociable Effects of Physical Effort and Temporal Delay on Reward Devaluation. PLoS Computational Biology, 2015, 11, e1004116.	3.2	104
20	Single-Neuron Mechanisms Underlying Cost-Benefit Analysis in Frontal Cortex. Journal of Neuroscience, 2013, 33, 17385-17397.	3.6	115
21	Is the reward really worth it?. Nature Neuroscience, 2012, 15, 647-649.	14.8	2
22	Double dissociation of value computations in orbitofrontal and anterior cingulate neurons. Nature Neuroscience, 2011, 14, 1581-1589.	14.8	408
23	Contrasting reward signals in the orbitofrontal cortex and anterior cingulate cortex. Annals of the New York Academy of Sciences, 2011, 1239, 33-42.	3.8	92
24	Decision making and reward in frontal cortex: Complementary evidence from neurophysiological and neuropsychological studies.. Behavioral Neuroscience, 2011, 125, 297-317.	1.2	133
25	Heterogeneous reward signals in prefrontal cortex. Current Opinion in Neurobiology, 2010, 20, 191-198.	4.2	172
26	Oscillatory phase coupling coordinates anatomically dispersed functional cell assemblies. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17356-17361.	7.1	251
27	Encoding of Reward and Space During a Working Memory Task in the Orbitofrontal Cortex and Anterior Cingulate Sulcus. Journal of Neurophysiology, 2009, 102, 3352-3364.	1.8	93
28	Encoding of Gustatory Working Memory by Orbitofrontal Neurons. Journal of Neuroscience, 2009, 29, 765-774.	3.6	69
29	Evaluating choices by single neurons in the frontal lobe: outcome value encoded across multiple decision variables. European Journal of Neuroscience, 2009, 29, 2061-2073.	2.6	189
30	Neurons in the Frontal Lobe Encode the Value of Multiple Decision Variables. Journal of Cognitive Neuroscience, 2009, 21, 1162-1178.	2.3	398
31	Reward-Dependent Modulation of Working Memory in Lateral Prefrontal Cortex. Journal of Neuroscience, 2009, 29, 3259-3270.	3.6	117
32	Frontal Cortex Subregions Play Distinct Roles in Choices between Actions and Stimuli. Journal of Neuroscience, 2008, 28, 13775-13785.	3.6	299
33	Adaptive decision making and value in the anterior cingulate cortex. NeuroImage, 2007, 36, T142-T154.	4.2	139
34	Optimal decision making and the anterior cingulate cortex. Nature Neuroscience, 2006, 9, 940-947.	14.8	802
35	Cognitive Neuroscience: Resolving Conflict in and over the Medial Frontal Cortex. Current Biology, 2005, 15, R54-R56.	3.9	60
36	Independent on-line control of the two hands during bimanual reaching. European Journal of Neuroscience, 2004, 19, 1643-1652.	2.6	75

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37	Action sets and decisions in the medial frontal cortex. Trends in Cognitive Sciences, 2004, 8, 410-417.	7.8	911
38	Organization of Action Sequences and the Role of the Pre-SMA. Journal of Neurophysiology, 2004, 91, 978-993.	1.8	194
39	Bimanual cross-talk during reaching movements is primarily related to response selection, not the specification of motor parameters. Psychological Research, 2003, 67, 56-70.	1.7	59
40	Bimanual interference associated with the selection of target locations.. Journal of Experimental Psychology: Human Perception and Performance, 2003, 29, 64-77.	0.9	48
41	Callosotomy patients exhibit temporal uncoupling during continuous bimanual movements. Nature Neuroscience, 2002, 5, 376-381.	14.8	198
42	Comparing Continuous and Discrete Movements with fMRI. Annals of the New York Academy of Sciences, 2002, 978, 509-510.	3.8	5
43	Moving to Directly Cued Locations Abolishes Spatial Interference During Bimanual Actions. Psychological Science, 2001, 12, 493-498.	3.3	125