John M Pearson

List of Publications by Year
in descending order

46 papers	2,794 citations	394421 19 h-index	243625 44 g-index
60 all docs	60 docs citations	60 times ranked	3202 citing authors

#	Article	IF	Citations
1	Neuronal basis of sequential foraging decisions in a patchy environment. Nature Neuroscience, 2011, 14, 933-939.	14.8	448
2	Posterior cingulate cortex: adapting behavior to a changing world. Trends in Cognitive Sciences, 2011, 15, 143-151.	7.8	385
3	Surprise Signals in Anterior Cingulate Cortex: Neuronal Encoding of Unsigned Reward Prediction Errors Driving Adjustment in Behavior. Journal of Neuroscience, 2011, 31, 4178-4187.	3.6	333
4	Fictive Reward Signals in the Anterior Cingulate Cortex. Science, 2009, 324, 948-950.	12.6	217
5	Decision Making: The Neuroethological Turn. Neuron, 2014, 82, 950-965.	8.1	177
6	Neurons in Posterior Cingulate Cortex Signal Exploratory Decisions in a Dynamic Multioption Choice Task. Current Biology, 2009, 19, 1532-1537.	3.9	152
7	Neuroethology of primate social behavior. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10387-10394.	7.1	124
8	Neural mechanisms of social decision-making in the primate amygdala. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 16012-16017.	7.1	120
9	Postreward delays and systematic biases in measures of animal temporal discounting. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15491-15496.	7.1	82
10	Rapid Brain Responses Independently Predict Gain Maximization and Loss Minimization during Economic Decision Making. Journal of Neuroscience, 2013, 33, 7011-7019.	3.6	67
11	Circuit and synaptic organization of forebrain-to-midbrain pathways that promote and suppress vocalization. ELife, 2020, 9, .	6.0	57
12	Explicit Information Reduces Discounting Behavior in Monkeys. Frontiers in Psychology, 2010, 1, 237.	2.1	55
13	Continuous decisions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190664.	4.0	53
14	Low-dimensional learned feature spaces quantify individual and group differences in vocal repertoires. ELife, 2021, 10, .	6.0	52
15	Pupil size and social vigilance in rhesus macaques. Frontiers in Neuroscience, 2014, 8, 100.	2.8	51
16	Neuroethology of decision-making. Current Opinion in Neurobiology, 2012, 22, 982-989.	4.2	44
17	Inter-mosaic coordination of retinal receptive fields. Nature, 2021, 592, 409-413.	27.8	34
18	Altruistic traits are predicted by neural responses to monetary outcomes for selfvscharity. Social Cognitive and Affective Neuroscience, 2016, 11, 863-876.	3.0	29

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19	Smoking and the bandit: A preliminary study of smoker and nonsmoker differences in exploratory behavior measured with a multiarmed bandit task.. Experimental and Clinical Psychopharmacology, 2013, 21, 66-73.	1.8	27
20	Lemurs and macaques show similar numerical sensitivity. Animal Cognition, 2014, 17, 503-515.	1.8	23
21	Feedback-Based Learning in Aging: Contributions and Trajectories of Change in Striatal and Hippocampal Systems. Journal of Neuroscience, 2018, 38, 8453-8462.	3.6	21
22	Neural dynamics underlying birdsong practice and performance. Nature, 2021, 599, 635-639.	27.8	21
23	Differential Reward Learning for Self and Others Predicts Self-Reported Altruism. PLoS ONE, 2014, 9, e107621.	2.5	18
24	Bayesian nonparametric models characterize instantaneous strategies in a competitive dynamic game. Nature Communications, 2019, 10, 1808.	12.8	17
25	Monkeys and humans implement causal inference to simultaneously localize auditory and visual stimuli. Journal of Neurophysiology, 2020, 124, 715-727.	1.8	17
26	Machine learning prediction of neurocognitive impairment among people with HIV using clinical and multimodal magnetic resonance imaging data. Journal of NeuroVirology, 2021, 27, 1-11.	2.1	17
27	Suboptimal foraging behavior: A new perspective on gambling.. Behavioral Neuroscience, 2015, 129, 656-665.	1.2	16
28	Attention-deficit/hyperactivity disorder and the explore/exploit trade-off. Neuropsychopharmacology, 2021, 46, 614-621.	5.4	15
29	Dorsolateral and dorsomedial prefrontal cortex track distinct properties of dynamic social behavior. Social Cognitive and Affective Neuroscience, 2020, 15, 383-393.	3.0	14
30	Modelling the effects of crime type and evidence on judgments about guilt. Nature Human Behaviour, 2018, 2, 856-866.	12.0	12
31	CHANGE DETECTION, MULTIPLE CONTROLLERS, AND DYNAMIC ENVIRONMENTS: INSIGHTS FROM THE BRAIN. Journal of the Experimental Analysis of Behavior, 2013, 99, 74-84.	1.1	11
32	Smoking automaticity and tolerance moderate brain activation during exploreâ€“exploit behavior. Psychiatry Research - Neuroimaging, 2014, 224, 254-261.	1.8	11
33	Decoding working memory content from attentional biases. Psychonomic Bulletin and Review, 2017, 24, 1252-1260.	2.8	11
34	Local Fields in Human Subthalamic Nucleus Track the Lead-up to Impulsive Choices. Frontiers in Neuroscience, 2017, 11, 646.	2.8	11
35	Dynamic decision making in the brain. Nature Neuroscience, 2012, 15, 341-342.	14.8	9
36	Latent goal models for dynamic strategic interaction. PLoS Computational Biology, 2019, 15, e1006895.	3.2	6

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37	Scene statistics and noise determine the relative arrangement of receptive field mosaics. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2105115118.	7.1	4
38	Confidence and Corrections: How We Make and Un-Make Up Our Minds. Neuron, 2009, 63, 724-726.	8.1	3
39	Mind-reading without the scanner: Behavioural decoding of working memory content. Visual Cognition, 2015, 23, 862-866.	1.6	3
40	Confidence and gradation in causal judgment. Cognition, 2022, 223, 105036.	2.2	3
41	Dopamine: Burning the Candle at Both Ends. Neuron, 2013, 79, 831-833.	8.1	2
42	Cognitive bots and algorithmic humans: toward a shared understanding of social intelligence. Current Opinion in Behavioral Sciences, 2019, 29, 55-62.	3.9	2
43	Individual differences in social information gathering revealed through Bayesian hierarchical models. Frontiers in Neuroscience, 2013, 7, 165.	2.8	1
44	Neuronâ€™s eye view: Inferring features of complex stimuli from neural responses. PLoS Computational Biology, 2017, 13, e1005645.	3.2	1
45	Queuing cues in rapid cortical processing. Nature Human Behaviour, 2018, 2, 620-621.	12.0	0
46	Deep Generative Analysis for Task-Based Functional MRI Experiments.. Proceedings of Machine Learning Research, 2021, 149, 146-175.	0.3	0