

John M Pearson

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,794
citations

393982

19
h-index

243296

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. <i>Nature Neuroscience</i> , 2011, 14, 933-939.	7.1	448
2	Posterior cingulate cortex: adapting behavior to a changing world. <i>Trends in Cognitive Sciences</i> , 2011, 15, 143-151.	4.0	385
3	Surprise Signals in Anterior Cingulate Cortex: Neuronal Encoding of Unsigned Reward Prediction Errors Driving Adjustment in Behavior. <i>Journal of Neuroscience</i> , 2011, 31, 4178-4187.	1.7	333
4	Fictive Reward Signals in the Anterior Cingulate Cortex. <i>Science</i> , 2009, 324, 948-950.	6.0	217
5	Decision Making: The Neuroethological Turn. <i>Neuron</i> , 2014, 82, 950-965.	3.8	177
6	Neurons in Posterior Cingulate Cortex Signal Exploratory Decisions in a Dynamic Multioption Choice Task. <i>Current Biology</i> , 2009, 19, 1532-1537.	1.8	152
7	Neuroethology of primate social behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10387-10394.	3.3	124
8	Neural mechanisms of social decision-making in the primate amygdala. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 16012-16017.	3.3	120
9	Postreward delays and systematic biases in measures of animal temporal discounting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15491-15496.	3.3	82
10	Rapid Brain Responses Independently Predict Gain Maximization and Loss Minimization during Economic Decision Making. <i>Journal of Neuroscience</i> , 2013, 33, 7011-7019.	1.7	67
11	Circuit and synaptic organization of forebrain-to-midbrain pathways that promote and suppress vocalization. <i>ELife</i> , 2020, 9, .	2.8	57
12	Explicit Information Reduces Discounting Behavior in Monkeys. <i>Frontiers in Psychology</i> , 2010, 1, 237.	1.1	55
13	Continuous decisions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190664.	1.8	53
14	Low-dimensional learned feature spaces quantify individual and group differences in vocal repertoires. <i>ELife</i> , 2021, 10, .	2.8	52
15	Pupil size and social vigilance in rhesus macaques. <i>Frontiers in Neuroscience</i> , 2014, 8, 100.	1.4	51
16	Neuroethology of decision-making. <i>Current Opinion in Neurobiology</i> , 2012, 22, 982-989.	2.0	44
17	Inter-mosaic coordination of retinal receptive fields. <i>Nature</i> , 2021, 592, 409-413.	13.7	34
18	Altruistic traits are predicted by neural responses to monetary outcomes for self vs charity. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 863-876.	1.5	29

#	ARTICLE	IF	CITATIONS
19	Smoking and the bandit: A preliminary study of smoker and nonsmoker differences in exploratory behavior measured with a multiarmed bandit task.. <i>Experimental and Clinical Psychopharmacology</i> , 2013, 21, 66-73.	1.3	27
20	Lemurs and macaques show similar numerical sensitivity. <i>Animal Cognition</i> , 2014, 17, 503-515.	0.9	23
21	Feedback-Based Learning in Aging: Contributions and Trajectories of Change in Striatal and Hippocampal Systems. <i>Journal of Neuroscience</i> , 2018, 38, 8453-8462.	1.7	21
22	Neural dynamics underlying birdsong practice and performance. <i>Nature</i> , 2021, 599, 635-639.	13.7	21
23	Differential Reward Learning for Self and Others Predicts Self-Reported Altruism. <i>PLoS ONE</i> , 2014, 9, e107621.	1.1	18
24	Bayesian nonparametric models characterize instantaneous strategies in a competitive dynamic game. <i>Nature Communications</i> , 2019, 10, 1808.	5.8	17
25	Monkeys and humans implement causal inference to simultaneously localize auditory and visual stimuli. <i>Journal of Neurophysiology</i> , 2020, 124, 715-727.	0.9	17
26	Machine learning prediction of neurocognitive impairment among people with HIV using clinical and multimodal magnetic resonance imaging data. <i>Journal of NeuroVirology</i> , 2021, 27, 1-11.	1.0	17
27	Suboptimal foraging behavior: A new perspective on gambling.. <i>Behavioral Neuroscience</i> , 2015, 129, 656-665.	0.6	16
28	Attention-deficit/hyperactivity disorder and the explore/exploit trade-off. <i>Neuropsychopharmacology</i> , 2021, 46, 614-621.	2.8	15
29	Dorsolateral and dorsomedial prefrontal cortex track distinct properties of dynamic social behavior. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 383-393.	1.5	14
30	Modelling the effects of crime type and evidence on judgments about guilt. <i>Nature Human Behaviour</i> , 2018, 2, 856-866.	6.2	12
31	CHANGE DETECTION, MULTIPLE CONTROLLERS, AND DYNAMIC ENVIRONMENTS: INSIGHTS FROM THE BRAIN. <i>Journal of the Experimental Analysis of Behavior</i> , 2013, 99, 74-84.	0.8	11
32	Smoking automaticity and tolerance moderate brain activation during explore“exploit behavior. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 254-261.	0.9	11
33	Decoding working memory content from attentional biases. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1252-1260.	1.4	11
34	Local Fields in Human Subthalamic Nucleus Track the Lead-up to Impulsive Choices. <i>Frontiers in Neuroscience</i> , 2017, 11, 646.	1.4	11
35	Dynamic decision making in the brain. <i>Nature Neuroscience</i> , 2012, 15, 341-342.	7.1	9
36	Latent goal models for dynamic strategic interaction. <i>PLoS Computational Biology</i> , 2019, 15, e1006895.	1.5	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.	3.3	4
38	Confidence and Corrections: How We Make and Un-Make Up Our Minds. Neuron, 2009, 63, 724-726.	3.8	3
39	Mind-reading without the scanner: Behavioural decoding of working memory content. Visual Cognition, 2015, 23, 862-866.	0.9	3
40	Confidence and gradation in causal judgment. Cognition, 2022, 223, 105036.	1.1	3
41	Dopamine: Burning the Candle at Both Ends. Neuron, 2013, 79, 831-833.	3.8	2
42	Cognitive bots and algorithmic humans: toward a shared understanding of social intelligence. Current Opinion in Behavioral Sciences, 2019, 29, 55-62.	2.0	2
43	Individual differences in social information gathering revealed through Bayesian hierarchical models. Frontiers in Neuroscience, 2013, 7, 165.	1.4	1
44	Neuron's eye view: Inferring features of complex stimuli from neural responses. PLoS Computational Biology, 2017, 13, e1005645.	1.5	1
45	Queuing cues in rapid cortical processing. Nature Human Behaviour, 2018, 2, 620-621.	6.2	0
46	Deep Generative Analysis for Task-Based Functional MRI Experiments.. Proceedings of Machine Learning Research, 2021, 149, 146-175.	0.3	0