

John M Pearson

List of Publications by Year in descending order

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Version: 2024-02-01

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	Confidence and gradation in causal judgment. <i>Cognition</i> , 2022, 223, 105036.	2.2	3
2	Attention-deficit/hyperactivity disorder and the explore/exploit trade-off. <i>Neuropsychopharmacology</i> , 2021, 46, 614-621.	5.4	15
3	Continuous decisions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190664.	4.0	53
4	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.	2.1	17
5	Inter-mosaic coordination of retinal receptive fields. <i>Nature</i> , 2021, 592, 409-413.	27.8	34
6	Low-dimensional learned feature spaces quantify individual and group differences in vocal repertoires. <i>ELife</i> , 2021, 10, .	6.0	52
7	Scene statistics and noise determine the relative arrangement of receptive field mosaics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2105115118.	7.1	4
8	Neural dynamics underlying birdsong practice and performance. <i>Nature</i> , 2021, 599, 635-639.	27.8	21
9	Deep Generative Analysis for Task-Based Functional MRI Experiments.. <i>Proceedings of Machine Learning Research</i> , 2021, 149, 146-175.	0.3	0
10	Monkeys and humans implement causal inference to simultaneously localize auditory and visual stimuli. <i>Journal of Neurophysiology</i> , 2020, 124, 715-727.	1.8	17
11	Dorsolateral and dorsomedial prefrontal cortex track distinct properties of dynamic social behavior. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 383-393.	3.0	14
12	Circuit and synaptic organization of forebrain-to-midbrain pathways that promote and suppress vocalization. <i>ELife</i> , 2020, 9, .	6.0	57
13	Cognitive bots and algorithmic humans: toward a shared understanding of social intelligence. <i>Current Opinion in Behavioral Sciences</i> , 2019, 29, 55-62.	3.9	2
14	Bayesian nonparametric models characterize instantaneous strategies in a competitive dynamic game. <i>Nature Communications</i> , 2019, 10, 1808.	12.8	17
15	Latent goal models for dynamic strategic interaction. <i>PLoS Computational Biology</i> , 2019, 15, e1006895.	3.2	6
16	Modelling the effects of crime type and evidence on judgments about guilt. <i>Nature Human Behaviour</i> , 2018, 2, 856-866.	12.0	12
17	Queuing cues in rapid cortical processing. <i>Nature Human Behaviour</i> , 2018, 2, 620-621.	12.0	0
18	Feedback-Based Learning in Aging: Contributions and Trajectories of Change in Striatal and Hippocampal Systems. <i>Journal of Neuroscience</i> , 2018, 38, 8453-8462.	3.6	21

#	ARTICLE	IF	CITATIONS
19	Decoding working memory content from attentional biases. Psychonomic Bulletin and Review, 2017, 24, 1252-1260.	2.8	11
20	Local Fields in Human Subthalamic Nucleus Track the Lead-up to Impulsive Choices. Frontiers in Neuroscience, 2017, 11, 646.	2.8	11
21	Neuron's eye view: Inferring features of complex stimuli from neural responses. PLoS Computational Biology, 2017, 13, e1005645.	3.2	1
22	Altruistic traits are predicted by neural responses to monetary outcomes for self vs charity. Social Cognitive and Affective Neuroscience, 2016, 11, 863-876.	3.0	29
23	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
24	Suboptimal foraging behavior: A new perspective on gambling.. Behavioral Neuroscience, 2015, 129, 656-665.	1.2	16
25	Mind-reading without the scanner: Behavioural decoding of working memory content. Visual Cognition, 2015, 23, 862-866.	1.6	3
26	Differential Reward Learning for Self and Others Predicts Self-Reported Altruism. PLoS ONE, 2014, 9, e107621.	2.5	18
27	Pupil size and social vigilance in rhesus macaques. Frontiers in Neuroscience, 2014, 8, 100.	2.8	51
28	Smoking automaticity and tolerance moderate brain activation during explore-exploit behavior. Psychiatry Research - Neuroimaging, 2014, 224, 254-261.	1.8	11
29	Lemurs and macaques show similar numerical sensitivity. Animal Cognition, 2014, 17, 503-515.	1.8	23
30	Decision Making: The Neuroethological Turn. Neuron, 2014, 82, 950-965.	8.1	177
31	Dopamine: Burning the Candle at Both Ends. Neuron, 2013, 79, 831-833.	8.1	2
32	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
33	Rapid Brain Responses Independently Predict Gain Maximization and Loss Minimization during Economic Decision Making. Journal of Neuroscience, 2013, 33, 7011-7019.	3.6	67
34	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
35	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
36	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

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37	Individual differences in social information gathering revealed through Bayesian hierarchical models. <i>Frontiers in Neuroscience</i> , 2013, 7, 165.	2.8	1
38	Dynamic decision making in the brain. <i>Nature Neuroscience</i> , 2012, 15, 341-342.	14.8	9
39	Neuroethology of decision-making. <i>Current Opinion in Neurobiology</i> , 2012, 22, 982-989.	4.2	44
40	Neuronal basis of sequential foraging decisions in a patchy environment. <i>Nature Neuroscience</i> , 2011, 14, 933-939.	14.8	448
41	Posterior cingulate cortex: adapting behavior to a changing world. <i>Trends in Cognitive Sciences</i> , 2011, 15, 143-151.	7.8	385
42	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.	3.6	333
43	Explicit Information Reduces Discounting Behavior in Monkeys. <i>Frontiers in Psychology</i> , 2010, 1, 237.	2.1	55
44	Fictive Reward Signals in the Anterior Cingulate Cortex. <i>Science</i> , 2009, 324, 948-950.	12.6	217
45	Neurons in Posterior Cingulate Cortex Signal Exploratory Decisions in a Dynamic Multioption Choice Task. <i>Current Biology</i> , 2009, 19, 1532-1537.	3.9	152
46	Confidence and Corrections: How We Make and Un-Make Up Our Minds. <i>Neuron</i> , 2009, 63, 724-726.	8.1	3