

Kerstin Preuschoff

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,203
citations

567281

15
h-index

580821

25
g-index

30
all docs

30
docs citations

30
times ranked

4949
citing authors

#	ARTICLE	IF	CITATIONS
1	A common role of insula in feelings, empathy and uncertainty. Trends in Cognitive Sciences, 2009, 13, 334-340.	7.8	1,105
2	Human Insula Activation Reflects Risk Prediction Errors As Well As Risk. Journal of Neuroscience, 2008, 28, 2745-2752.	3.6	697
3	Neural Responses to Ingroup and Outgroup Members' Suffering Predict Individual Differences in Costly Helping. Neuron, 2010, 68, 149-160.	8.1	667
4	Neural Differentiation of Expected Reward and Risk in Human Subcortical Structures. Neuron, 2006, 51, 381-390.	8.1	629
5	Pupil dilation signals surprise: evidence for noradrenaline's role in decision making. Frontiers in Neuroscience, 2011, 5, 115.	2.8	359
6	Explicit neural signals reflecting reward uncertainty. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3801-3811.	4.0	199
7	Adding Prediction Risk to the Theory of Reward Learning. Annals of the New York Academy of Sciences, 2007, 1104, 135-146.	3.8	117
8	Neural Correlates of Anticipation Risk Reflect Risk Preferences. Journal of Neuroscience, 2012, 32, 16683-16692.	3.6	79
9	Balancing New against Old Information: The Role of Puzzlement Surprise in Learning. Neural Computation, 2018, 30, 34-83.	2.2	56
10	Betting the house on consciousness. Nature Neuroscience, 2007, 10, 140-141.	14.8	53
11	Optimizing Experimental Design for Comparing Models of Brain Function. PLoS Computational Biology, 2011, 7, e1002280.	3.2	40
12	Anterior insula reflects surprise in value-based decision-making and perception. NeuroImage, 2020, 210, 116549.	4.2	38
13	Apathy and noradrenaline. Current Opinion in Neurology, 2015, 28, 344-350.	3.6	20
14	Neurofinance. Organizational Research Methods, 2019, 22, 196-222.	9.1	20
15	The Neurobiological Foundations of Valuation in Human Decision Making Under Uncertainty. , 2009, , 353-365.		19
16	One-shot learning and behavioral eligibility traces in sequential decision making. ELife, 2019, 8, .	6.0	16
17	Investigating signal integration with canonical correlation analysis of fMRI brain activation data. NeuroImage, 2008, 41, 35-44.	4.2	15
18	An Overview of Functional Magnetic Resonance Imaging Techniques for Organizational Research. Organizational Research Methods, 2019, 22, 17-45.	9.1	15

#	ARTICLE	IF	CITATIONS
19	Decision making under uncertainty. <i>Frontiers in Neuroscience</i> , 2013, 7, 218.	2.8	12
20	Testing models at the neural level reveals how the brain computes subjective value. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
21	Information Theoretic Characterization of Uncertainty Distinguishes Surprise From Accuracy Signals in the Brain. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 5.	3.4	8
22	Risk prediction error signaling: A two-component response?. <i>NeuroImage</i> , 2020, 214, 116766.	4.2	7
23	Brain signals of a Surprise-Actor-Critic model: Evidence for multiple learning modules in human decision making. <i>NeuroImage</i> , 2022, 246, 118780.	4.2	4
24	A Bird's eye view from below: Activity in the temporo-parietal junction predicts from-above Necker Cube percepts. <i>Neuropsychologia</i> , 2020, 149, 107654.	1.6	3
25	Betting on Consciousness. <i>Scientific American Mind</i> , 2007, 18, 16-17.	0.0	1
26	Neuromodulation by surprise: a biologically plausible model of the learning rate dynamics. <i>BMC Neuroscience</i> , 2014, 15, .	1.9	0
27	Surprise minimization as a learning strategy in neural networks. <i>BMC Neuroscience</i> , 2015, 16, .	1.9	0