

Kerstin Preuschhoff

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	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
2	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
3	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
4	Risk prediction error signaling: A two-component response?. <i>NeuroImage</i> , 2020, 214, 116766.	4.2	7
5	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
6	Anterior insula reflects surprise in value-based decision-making and perception. <i>NeuroImage</i> , 2020, 210, 116549.	4.2	38
7	An Overview of Functional Magnetic Resonance Imaging Techniques for Organizational Research. <i>Organizational Research Methods</i> , 2019, 22, 17-45.	9.1	15
8	Neurofinance. <i>Organizational Research Methods</i> , 2019, 22, 196-222.	9.1	20
9	One-shot learning and behavioral eligibility traces in sequential decision making. <i>ELife</i> , 2019, 8, .	6.0	16
10	Balancing New against Old Information: The Role of Puzzlement Surprise in Learning. <i>Neural Computation</i> , 2018, 30, 34-83.	2.2	56
11	Surprise minimization as a learning strategy in neural networks. <i>BMC Neuroscience</i> , 2015, 16, .	1.9	0
12	Apathy and noradrenaline. <i>Current Opinion in Neurology</i> , 2015, 28, 344-350.	3.6	20
13	Neuromodulation by surprise: a biologically plausible model of the learning rate dynamics. <i>BMC Neuroscience</i> , 2014, 15, .	1.9	0
14	Decision making under uncertainty. <i>Frontiers in Neuroscience</i> , 2013, 7, 218.	2.8	12
15	Neural Correlates of Anticipation Risk Reflect Risk Preferences. <i>Journal of Neuroscience</i> , 2012, 32, 16683-16692.	3.6	79
16	Pupil dilation signals surprise: evidence for noradrenaline's role in decision making. <i>Frontiers in Neuroscience</i> , 2011, 5, 115.	2.8	359
17	Optimizing Experimental Design for Comparing Models of Brain Function. <i>PLoS Computational Biology</i> , 2011, 7, e1002280.	3.2	40
18	Neural Responses to Ingroup and Outgroup Members' Suffering Predict Individual Differences in Costly Helping. <i>Neuron</i> , 2010, 68, 149-160.	8.1	667

#	ARTICLE	IF	CITATIONS
19	A common role of insula in feelings, empathy and uncertainty. Trends in Cognitive Sciences, 2009, 13, 334-340.	7.8	1,105
20	The Neurobiological Foundations of Valuation in Human Decision Making Under Uncertainty. , 2009, , 353-365.		19
21	Investigating signal integration with canonical correlation analysis of fMRI brain activation data. NeuroImage, 2008, 41, 35-44.	4.2	15
22	Human Insula Activation Reflects Risk Prediction Errors As Well As Risk. Journal of Neuroscience, 2008, 28, 2745-2752.	3.6	697
23	Explicit neural signals reflecting reward uncertainty. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3801-3811.	4.0	199
24	Betting the house on consciousness. Nature Neuroscience, 2007, 10, 140-141.	14.8	53
25	Betting on Consciousness. Scientific American Mind, 2007, 18, 16-17.	0.0	1
26	Adding Prediction Risk to the Theory of Reward Learning. Annals of the New York Academy of Sciences, 2007, 1104, 135-146.	3.8	117
27	Neural Differentiation of Expected Reward and Risk in Human Subcortical Structures. Neuron, 2006, 51, 381-390.	8.1	629