Peggy Series

List of Publications by Year
in descending order

62 papers	2,181 citations	279798 23 h-index	243625 44 g-index
72 all docs	72 docs citations	72 times ranked	2758 citing authors

#	Article	IF	Citations
1	Prediction of depression symptoms in individual subjects with face and eye movement tracking. Psychological Medicine, 2022, 52, 1784-1792.	4.5	12
2	Influence of E/I balance and pruning in peri-personal space differences in schizophrenia: A computational approach. Schizophrenia Research, 2022, 248, 368-377.	2.0	2
3	Abnormal reward valuation and event-related connectivity in unmedicated major depressive disorder. Psychological Medicine, 2021, 51, 795-803.	4.5	12
4	The â€˜circular inferenceâ€™ model of schizophrenia gets pulled into the orbit of social cognition. Brain, 2021, 144, 1293-1295.	7.6	0
5	No increased circular inference in adults with high levels of autistic traits or autism. PLoS Computational Biology, 2021, 17, e1009006.	3.2	6
6	Blunted medial prefrontal cortico-limbic reward-related effective connectivity and depression. Brain, 2020, 143, 1946-1956.	7.6	54
7	Visual statistical learning and integration of perceptual priors are intact in attention deficit hyperactivity disorder. PLoS ONE, 2020, 15, e0243100.	2.5	3
8	Title is missing!. , 2020, 15, e0243100.		0
9	Title is missing!. , 2020, 15, e0243100.		0
10	Title is missing!. , 2020, 15, e0243100.		0
11	Title is missing!. , 2020, 15, e0243100.		0
12	Acquisition of visual priors and induced hallucinations in chronic schizophrenia. Brain, 2019, 142, 2523-2537.	7.6	27
13	Post-traumatic stress disorder as a disorder of prediction. Nature Neuroscience, 2019, 22, 334-336.	14.8	15
14	Performance-monitoring integrated reweighting model of perceptual learning. Vision Research, 2018, 152, 17-39.	1.4	4
15	Major Depression Impairs the Use of Reward Values for Decision-Making. Scientific Reports, 2018, 8, 13798.	3.3	26
16	The Influence of Feedback on Task-Switching Performance: A Drift Diffusion Modeling Account. Frontiers in Integrative Neuroscience, 2018, 12, 1.	2.1	21
17	Neurons That Update Representations of the Future. Trends in Cognitive Sciences, 2018, 22, 671-673.	7.8	1
18	Autistic traits, but not schizotypy, predict increased weighting of sensory information in Bayesian visual integration. ELife, 2018, 7, .	6.0	69

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19	Conditioned task-set competition: Neural mechanisms of emotional interference in depression. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 269-289.	2.0	13
20	Comprehensive review: Computational modelling of schizophrenia. Neuroscience and Biobehavioral Reviews, 2017, 83, 631-646.	6.1	62
21	Modeling Trait Anxiety: From Computational Processes to Personality. Frontiers in Psychiatry, 2017, 8, 1.	2.6	133
22	Confidence-based integrated reweighting model of task-difficulty explains location-based specificity in perceptual learning. Journal of Vision, 2015, 15, 17.	0.3	18
23	Expectations developed over multiple timescales facilitate visual search performance. Journal of Vision, 2015, 15, 10.	0.3	8
24	The influence of population size, noise strength and behavioral task on best-encoded stimulus for neurons with unimodal or monotonic tuning curves. Frontiers in Computational Neuroscience, 2015, 9, 18.	2.1	11
25	Grey matter networks in people at increased familial risk for schizophrenia. Schizophrenia Research, 2015, 168, 1-8.	2.0	33
26	A reward-driven reweighting model of perceptual learning. Journal of Vision, 2015, 15, 1143.	0.3	0
27	Detecting and Quantifying Topography in Neural Maps. PLoS ONE, 2014, 9, e87178.	2.5	13
28	Benefits of social vs. non-social feedback on learning and generosity. Results from the Tipping Game. Frontiers in Psychology, 2014, 5, 1154.	2.1	4
29	Reward-Based Learning, Model-Based and Model-Free. , 2014, , 1-10.		9
30	Optimism as a Prior Belief about the Probability of Future Reward. PLoS Computational Biology, 2014, 10, e1003605.	3.2	35
31	Temporal sequence learning via adaptation in biologically plausible spiking neural networks. BMC Neuroscience, 2014, 15, .	1.9	1
32	Contrast dependency and prior expectations in human speed perception. Vision Research, 2014, 97, 16-23.	1.4	19
33	Syntax processing properties of generic cortical circuits. BMC Neuroscience, 2013, 14, .	1.9	0
34	Complexity and specificity of experimentally induced expectations in motion perception. BMC Neuroscience, 2013, 14, .	1.9	0
35	Attention as Reward-Driven Optimization of Sensory Processing. Neural Computation, 2013, 25, 2904-2933.	2.2	2
36	Charles Bonnet Syndrome: Evidence for a Generative Model in the Cortex?. PLoS Computational Biology, 2013, 9, e1003134.	3.2	43

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37	Complexity and specificity of experimentally-induced expectations in motion perception. Journal of Vision, 2013, 13, 8-8.	0.3	15
38	Elucidating Poor Decision-Making in a Rat Gambling Task. PLoS ONE, 2013, 8, e82052.	2.5	43
39	Learning what to expect (in visual perception). Frontiers in Human Neuroscience, 2013, 7, 668.	2.0	128
40	Similarity-Based Extraction of Individual Networks from Gray Matter MRI Scans. Cerebral Cortex, 2012, 22, 1530-1541.	2.9	258
41	Fisher and Shannon Information in Finite Neural Populations. Neural Computation, 2012, 24, 1740-1780.	2.2	43
42	Bayes in the Brainâ€"On Bayesian Modelling in Neuroscience. British Journal for the Philosophy of Science, 2012, 63, 697-723.	2.3	96
43	Speeding up the brain: when spatial facilitation translates into latency shortening. Frontiers in Human Neuroscience, 2012, 6, 330.	2.0	5
44	The effect of neural adaptation on population coding accuracy. Journal of Computational Neuroscience, 2012, 32, 387-402.	1.0	38
45	Investigating the specificity of experimentally induced expectations in motion perception. Journal of Vision, 2012, 12, 1137-1137.	0.3	0
46	Perceptual learning in visual hyperacuity: A reweighting model. Vision Research, 2011, 51, 585-599.	1.4	33
47	Similar neural adaptation mechanisms underlying face gender and tilt aftereffects. Vision Research, 2011, 51, 2021-2030.	1.4	35
48	Changing expectations about speed alters perceived motion direction. Current Biology, 2011, 21, R883-R884.	3.9	63
49	Modeling maladaptive decision-making in a rat version of the Iowa Gambling Task. BMC Neuroscience, 2011, 12, .	1.9	0
50	The influence of behavioral context on sensory encoding. BMC Neuroscience, 2011, 12, .	1.9	0
51	Homeostasis causes hallucinations in a hierarchical generative model of the visual cortex: the Charles Bonnet Syndrome. BMC Neuroscience, 2011, 12, .	1.9	0
52	Unifying low-level mechanistic and high-level Bayesian explanations of bistable perceptions: neuronal adaptation for cortical inference. BMC Neuroscience, 2011, 12, .	1.9	0
53	A Hierarchical Generative Model of Recurrent Object-Based Attention in the Visual Cortex. Lecture Notes in Computer Science, 2011, , 18-25.	1.3	2
54	Rapidly learned stimulus expectations alter perception of motion. Journal of Vision, 2010, 10, 2-2.	0.3	97

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55	Rapidly learned expectations alter perception of motion. Journal of Vision, 2010, 10, 237-237.	0.3	2
56	Is the Homunculus â€œAwareâ€•of Sensory Adaptation?. Neural Computation, 2009, 21, 3271-3304.	2.2	131
57	Dynamical Constraints on Using Precise Spike Timing to Compute in Recurrent Cortical Networks. Neural Computation, 2008, 20, 974-993.	2.2	27
58	Dynamic competition between contour integration and contour segmentation probed with moving stimuli. Vision Research, 2005, 45, 103-116.	1.4	12
59	Tuning curve sharpening for orientation selectivity: coding efficiency and the impact of correlations. Nature Neuroscience, 2004, 7, 1129-1135.	14.8	209
60	The â€œsilentâ€•surround of V1 receptive fields: theory and experiments. Journal of Physiology (Paris), 2003, 97, 453-474.	2.1	176
61	Orientation dependent modulation of apparent speed: a model based on the dynamics of feed-forward and horizontal connectivity in V1 cortex. Vision Research, 2002, 42, 2781-2797.	1.4	58
62	Orientation dependent modulation of apparent speed: psychophysical evidence. Vision Research, 2002, 42, 2757-2772.	1.4	47