Genela Morris

List of Publications by Year
in descending order

27 papers	2,014 citations	567281 15 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	2156 citing authors

#	Article	IF	Citations
1	Striatal cholinergic interneurons exert inhibition on competing default behaviours controlled by the nucleus accumbens and dorsolateral striatum. European Journal of Neuroscience, 2021, 53, 2078-2089.	2.6	3
2	Individual differences in experienced and observational decision-making illuminate interactions between reinforcement learning and declarative memory. Scientific Reports, 2021, 11, 5899.	3.3	3
3	Hippocampal sub-networks exhibit distinct spatial representation deficits in Alzheimerâ€™s disease model mice. Current Biology, 2021, 31, 3292-3302.e6.	3.9	8
4	Dissociation between Postrhinal Cortex and Downstream Parahippocampal Regions in the Representation of Egocentric Boundaries. Current Biology, 2019, 29, 2751-2757.e4.	3.9	57
5	A Cellular Mechanism Underlying Enhanced Capability for Complex Olfactory Discrimination Learning. ENeuro, 2019, 6, ENEURO.0198-18.2019.	1.9	10
6	Odor Concentration Change Coding in the Olfactory Bulb. ENeuro, 2019, 6, ENEURO.0396-18.2019.	1.9	46
7	Spatial Rule Learning and Corresponding CA1 Place Cell Reorientation Depend on Local Dopamine Release. Current Biology, 2018, 28, 836-846.e4.	3.9	24
8	Animal Learning in a Multidimensional Discrimination Task as Explained by Dimension-Specific Allocation of Attention. Frontiers in Neuroscience, 2018, 12, 356.	2.8	3
9	Enhance Your Chance with the TANs: Tonically Active Neurons Support Learning in the Ventral Striatum. Neuron, 2014, 82, 941-943.	8.1	2
10	Cannabinoids disrupt hippocampal sharp waveâ€ripples via inhibition of glutamate release. Hippocampus, 2012, 22, 1350-1362.	1.9	28
11	Coherent Phasic Excitation during Hippocampal Ripples. Neuron, 2011, 72, 137-152.	8.1	113
12	The effects of motivation on response rate: A hidden semi-Markov model analysis of behavioral dynamics. Journal of Neuroscience Methods, 2011, 201, 251-261.	2.5	14
13	Striatal action-learning based on dopamine concentration. Experimental Brain Research, 2010, 200, 307-317.	1.5	31
14	An Approach for Reliably Investigating Hippocampal Sharp Wave-Ripples In Vitro. PLoS ONE, 2009, 4, e6925.	2.5	54
15	The dopamine puzzle. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E75.	7.1	3
16	Ecology and neurobiology of toxin avoidance and the paradox of drug reward. Neuroscience, 2009, 160, 69-84.	2.3	99
17	Encoding by Response Duration in the Basal Ganglia. Journal of Neurophysiology, 2008, 100, 3244-3252.	1.8	7
18	Statistical Properties of Pauses of the High-Frequency Discharge Neurons in the External Segment of the Globus Pallidus. Journal of Neuroscience, 2007, 27, 2525-2538.	3.6	89

#	Article	IF	Citations
19	Lack of Spike-Count and Spike-Time Correlations in the Substantia Nigra Reticulata Despite Overlap of Neural Responses. Journal of Neurophysiology, 2007, 98, 2232-2243.	1.8	28
20	Midbrain dopamine neurons encode decisions for future action. Nature Neuroscience, 2006, 9, 1057-1063.	14.8	403
21	Physiological studies of information processing in the normal and Parkinsonian basal ganglia: pallidal activity in Go/No-Go task and following MPTP treatment. Progress in Brain Research, 2005, 147, 283-293.	1.4	8
22	Discharge Rate of Substantia Nigra Pars Reticulata Neurons Is Reduced In Non-Parkinsonian Monkeys With Apomorphine-Induced Orofacial Dyskinesia. Journal of Neurophysiology, 2004, 92, 1973-1981.	1.8	32
23	Independent Coding of Movement Direction and Reward Prediction by Single Pallidal Neurons. Journal of Neuroscience, 2004, 24, 10047-10056.	3.6	95
24	Coincident but Distinct Messages of Midbrain Dopamine and Striatal Tonically Active Neurons. Neuron, 2004, 43, 133-143.	8.1	481
25	Anatomical funneling, sparse connectivity and redundancy reduction in the neural networks of the basal ganglia. Journal of Physiology (Paris), 2003, 97, 581-589.	2.1	22
26	Information processing, dimensionality reduction and reinforcement learning in the basal ganglia. Progress in Neurobiology, 2003, 71, 439-473.	5.7	347
27	False Detection of Dynamic Changes in Pallidal Neuron Interactions by the Joint Peri-Stimulus Histogram Method. Advances in Behavioral Biology, 2002, , 181-187.	0.2	2