

Paul Apicella

List of Publications by Year in descending order

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papers

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citations

567281

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839539

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docs citations

18
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Leading tonically active neurons of the striatum from reward detection to context recognition. Trends in Neurosciences, 2007, 30, 299-306.	8.6	153
2	Tonically active neurons in the primate striatum and their role in the processing of information about motivationally relevant events. European Journal of Neuroscience, 2002, 16, 2017-2026.	2.6	116
3	Cortical and Thalamic Excitation Mediate the Multiphasic Responses of Striatal Cholinergic Interneurons to Motivationally Salient Stimuli. Journal of Neuroscience, 2014, 34, 3101-3117.	3.6	111
4	Responses of Tonically Active Neurons in the Monkey Striatum Discriminate between Motivationally Opposing Stimuli. Journal of Neuroscience, 2003, 23, 8489-8497.	3.6	101
5	Reward-related neuronal activity in the subthalamic nucleus of the monkey. NeuroReport, 2005, 16, 1241-1244.	1.2	77
6	Reward Unpredictability inside and outside of a Task Context as a Determinant of the Responses of Tonically Active Neurons in the Monkey Striatum. Journal of Neuroscience, 2001, 21, 5730-5739.	3.6	73
7	The Role of Striatal Tonically Active Neurons in Reward Prediction Error Signaling during Instrumental Task Performance. Journal of Neuroscience, 2011, 31, 1507-1515.	3.6	58
8	Tonically active neurons in the striatum differentiate between delivery and omission of expected reward in a probabilistic task context. European Journal of Neuroscience, 2009, 30, 515-526.	2.6	56
9	Influence of the predicted time of stimuli eliciting movements on responses of tonically active neurons in the monkey striatum. European Journal of Neuroscience, 2000, 12, 1801-1816.	2.6	53
10	The role of the intrinsic cholinergic system of the striatum: What have we learned from TAN recordings in behaving animals?. Neuroscience, 2017, 360, 81-94.	2.3	53
11	Influence of Spatial Information on Responses of Tonically Active Neurons in the Monkey Striatum. Journal of Neurophysiology, 2006, 95, 2975-2986.	1.8	36
12	Differences between Dorsal and Ventral Striatum in the Sensitivity of Tonically Active Neurons to Rewarding Events. Frontiers in Systems Neuroscience, 2017, 11, 52.	2.5	27
13	Linking reward processing to behavioral output: motor and motivational integration in the primate subthalamic nucleus. Frontiers in Computational Neuroscience, 2013, 7, 175.	2.1	25
14	Modulation of Neuronal Activity in the Monkey Putamen Associated With Changes in the Habitual Order of Sequential Movements. Journal of Neurophysiology, 2010, 104, 1355-1369.	1.8	23
15	Modulation of neuronal activity by reward identity in the monkey subthalamic nucleus. European Journal of Neuroscience, 2015, 42, 1705-1717.	2.6	23
16	Temporal processing in the striatum: Interplay between midbrain dopamine neurons and striatal cholinergic interneurons. European Journal of Neuroscience, 2021, 53, 2090-2099.	2.6	9
17	Changes in activity of fast-spiking interneurons of the monkey striatum during reaching at a visual target. Journal of Neurophysiology, 2017, 117, 65-78.	1.8	8
18	Activity of fast-spiking interneurons in the monkey striatum during reaching movements guided by external cues or by a free choice. European Journal of Neuroscience, 2021, 53, 1752-1768.	2.6	1