Anu G Nair

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3330729/publications.pdf

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14	353	933447	1058476
papers	citations	10	14
		h-index	g-index

17	17	17	609
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Modular Workflow for Model Building, Analysis, and Parameter Estimation in Systems Biology and Neuroscience. Neuroinformatics, 2022, 20, 241-259.	2.8	3
2	Distinct molecular pathways govern presynaptic homeostatic plasticity. Cell Reports, 2021, 37, 110105.	6.4	8
3	Uncertainty quantification, propagation and characterization by Bayesian analysis combined with global sensitivity analysis applied to dynamical intracellular pathway models. Bioinformatics, 2019, 35, 284-292.	4.1	22
4	Regulation of adenylyl cyclase 5 in striatal neurons confers the ability to detect coincident neuromodulatory signals. PLoS Computational Biology, 2019, 15, e1007382.	3.2	16
5	The high efficacy of muscarinic M4 receptor in D1 medium spiny neurons reverses striatal hyperdopaminergia. Neuropharmacology, 2019, 146, 74-83.	4.1	36
6	Switch-like PKA responses in the nucleus of striatal neurons. Journal of Cell Science, 2018, 131, .	2.0	14
7	Basal Ganglia Neuromodulation Over Multiple Temporal and Structural Scalesâ€"Simulations of Direct Pathway MSNs Investigate the Fast Onset of Dopaminergic Effects and Predict the Role of Kv4.2. Frontiers in Neural Circuits, 2018, 12, 3.	2.8	34
8	Detection of phasic dopamine by D1 and D2 striatal medium spiny neurons. Journal of Physiology, 2017, 595, 7451-7475.	2.9	82
9	Role of DARPP-32 and ARPP-21 in the Emergence of Temporal Constraints on Striatal Calcium and Dopamine Integration. PLoS Computational Biology, 2016, 12, e1005080.	3.2	29
10	Sensing Positive versus Negative Reward Signals through Adenylyl Cyclase-Coupled GPCRs in Direct and Indirect Pathway Striatal Medium Spiny Neurons. Journal of Neuroscience, 2015, 35, 14017-14030.	3.6	52
11	Modeling Intracellular Signaling Underlying Striatal Function in Health and Disease. Progress in Molecular Biology and Translational Science, 2014, 123, 277-304.	1.7	17
12	Rebelling for a Reason: Protein Structural â€œOutliersâ€• PLoS ONE, 2013, 8, e74416.	2.5	5
13	PASS2 version 4: An update to the database of structure-based sequence alignments of structural domain superfamilies. Nucleic Acids Research, 2012, 40, D531-D534.	14.5	17
14	Structural attributes for the recognition of weak and anomalous regions in coiled-coils of myosins and other motor proteins. BMC Research Notes, 2012, 5, 530.	1.4	15