

William H Barnett

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

303
citations

1163117

8
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Organization of the core respiratory network: Insights from optogenetic and modeling studies. PLoS Computational Biology, 2018, 14, e1006148.	3.2	53
2	Chemoreception and neuroplasticity in respiratory circuits. Experimental Neurology, 2017, 287, 153-164.	4.1	45
3	Interaction between the retrotrapezoid nucleus and the parafacial respiratory group to regulate active expiration and sympathetic activity in rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L891-L909.	2.9	42
4	The KÄ¶lliker-Fuse nucleus orchestrates the timing of expiratory abdominal nerve bursting. Journal of Neurophysiology, 2018, 119, 401-412.	1.8	38
5	From the motor cortex to the movement and back again. PLoS ONE, 2017, 12, e0179288.	2.5	35
6	Inhibitory control of active expiration by the BÄ¶tzinger complex in rats. Journal of Physiology, 2020, 598, 4969-4994.	2.9	24
7	Reward Based Motor Adaptation Mediated by Basal Ganglia. Frontiers in Computational Neuroscience, 2017, 11, 19.	2.1	21
8	The Functional Role of Striatal Cholinergic Interneurons in Reinforcement Learning From Computational Perspective. Frontiers in Neural Circuits, 2019, 13, 10.	2.8	14
9	Traubeâ€™s Hering waves are formed by interaction of respiratory sinus arrhythmia and pulse pressure modulation in healthy men. Journal of Applied Physiology, 2020, 129, 1193-1202.	2.5	12
10	The interplay between cerebellum and basal ganglia in motor adaptation: A modeling study. PLoS ONE, 2019, 14, e0214926.	2.5	10
11	Heartbeats entrain breathing via baroreceptorâ€mediated modulation of expiratory activity. Experimental Physiology, 2021, 106, 1181-1195.	2.0	9