

William Howe

List of Publications by Year in descending order

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14
papers

1,212
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1398
citing authors

#	ARTICLE	IF	CITATIONS
1	Phasic acetylcholine release and the volume transmission hypothesis: time to move on. <i>Nature Reviews Neuroscience</i> , 2009, 10, 383-390.	10.2	294
2	Cortical cholinergic signaling controls the detection of cues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1089-97.	7.1	162
3	Enhancement of Attentional Performance by Selective Stimulation of $\hat{1}\pm 4\hat{1}^2 2^*$ nAChRs: Underlying Cholinergic Mechanisms. <i>Neuropsychopharmacology</i> , 2010, 35, 1391-1401.	5.4	146
4	Prefrontal Cholinergic Mechanisms Instigating Shifts from Monitoring for Cues to Cue-Guided Performance: Converging Electrochemical and fMRI Evidence from Rats and Humans. <i>Journal of Neuroscience</i> , 2013, 33, 8742-8752.	3.6	121
5	Acetylcholine Release in Prefrontal Cortex Promotes Gamma Oscillations and Thetaâ€Gamma Coupling during Cue Detection. <i>Journal of Neuroscience</i> , 2017, 37, 3215-3230.	3.6	114
6	nAChR agonist-induced cognition enhancement: Integration of cognitive and neuronal mechanisms. <i>Biochemical Pharmacology</i> , 2009, 78, 658-667.	4.4	110
7	Deterministic functions of cortical acetylcholine. <i>European Journal of Neuroscience</i> , 2014, 39, 1912-1920.	2.6	96
8	What do phasic cholinergic signals do?. <i>Neurobiology of Learning and Memory</i> , 2016, 130, 135-141.	1.9	54
9	Diminished $\text{trk}\langle\text{scp}\rangle\text{A}\langle\text{scp}\rangle$ receptor signaling reveals cholinergicâ€attentional vulnerability of aging. <i>European Journal of Neuroscience</i> , 2013, 37, 278-293.	2.6	41
10	Nicotinic receptor subtypes differentially modulate glutamate release in the dorsal medial striatum. <i>Neurochemistry International</i> , 2016, 100, 30-34.	3.8	23
11	Activation of D1 receptors affects human reactivity and flexibility to valued cues. <i>Neuropsychopharmacology</i> , 2020, 45, 780-785.	5.4	16
12	Burst firing sets the stage for depression. <i>Nature</i> , 2018, 554, 304-305.	27.8	15
13	MAM (E17) rodent developmental model of neuropsychiatric disease: disruptions in learning and dysregulation of nucleus accumbens dopamine release, but spared executive function. <i>Psychopharmacology</i> , 2015, 232, 4113-4127.	3.1	10
14	$\hat{1}\pm 5$ nAChR modulation of the prefrontal cortex makes attention resilient. <i>Brain Structure and Function</i> , 2018, 223, 1035-1047.	2.3	10