

Hong-Viet V Ngo

List of Publications by Year in descending order

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29
papers

2,106
citations

687363

13
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

1625
citing authors

#	ARTICLE	IF	CITATIONS
1	Auditory Closed-Loop Stimulation of the Sleep Slow Oscillation Enhances Memory. <i>Neuron</i> , 2013, 78, 545-553.	8.1	699
2	Thalamic Spindles Promote Memory Formation during Sleep through Triple Phase-Locking of Cortical, Thalamic, and Hippocampal Rhythms. <i>Neuron</i> , 2017, 95, 424-435.e6.	8.1	410
3	Cortical circuit activity underlying sleep slow oscillations and spindles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9220-E9229.	7.1	196
4	Driving Sleep Slow Oscillations by Auditory Closed-Loop Stimulation—A Self-Limiting Process. <i>Journal of Neuroscience</i> , 2015, 35, 6630-6638.	3.6	176
5	Induction of slow oscillations by rhythmic acoustic stimulation. <i>Journal of Sleep Research</i> , 2013, 22, 22-31.	3.2	110
6	Auditory closed-loop stimulation of EEG slow oscillations strengthens sleep and signs of its immune-supportive function. <i>Nature Communications</i> , 2017, 8, 1984.	12.8	101
7	Sleep spindles mediate hippocampal-neocortical coupling during long-duration ripples. <i>ELife</i> , 2020, 9, .	6.0	91
8	Susceptibility to auditory closed-loop stimulation of sleep slow oscillations changes with age. <i>Sleep</i> , 2020, 43, .	1.1	44
9	Insights on auditory closed-loop stimulation targeting sleep spindles in slow oscillation up-states. <i>Journal of Neuroscience Methods</i> , 2019, 316, 117-124.	2.5	42
10	Examining the optimal timing for closed-loop auditory stimulation of slow-wave sleep in young and older adults. <i>Sleep</i> , 2020, 43, .	1.1	42
11	A Thalamocortical Neural Mass Model of the EEG during NREM Sleep and Its Response to Auditory Stimulation. <i>PLoS Computational Biology</i> , 2016, 12, e1005022.	3.2	29
12	Characterization of K-Complexes and Slow Wave Activity in a Neural Mass Model. <i>PLoS Computational Biology</i> , 2014, 10, e1003923.	3.2	21
13	Acoustic closed-loop stimulation during sleep improves consolidation of reward-related memory information in healthy children but not in children with attention-deficit hyperactivity disorder. <i>Sleep</i> , 2020, 43, .	1.1	19
14	Sleep deprivation induces fragmented memory loss. <i>Learning and Memory</i> , 2020, 27, 130-135.	1.3	18
15	Phase-locked auditory stimulation of theta oscillations during rapid eye movement sleep. <i>Sleep</i> , 2021, 44, .	1.1	18
16	Sleep and the Balance between Memory and Forgetting. <i>Cell</i> , 2019, 179, 289-291.	28.9	17
17	Blindfolding during wakefulness causes decrease in sleep slow wave activity. <i>Physiological Reports</i> , 2017, 5, e13239.	1.7	11
18	Intensifying sleep slow oscillations does not improve metabolic control in healthy men. <i>Psychoneuroendocrinology</i> , 2019, 99, 1-7.	2.7	10

#	ARTICLE	IF	CITATIONS
19	Auditory stimulation during sleep suppresses spike activity in benign epilepsy with centrotemporal spikes. <i>Cell Reports Medicine</i> , 2021, 2, 100432.	6.5	10
20	No benefit of auditory closed-loop stimulation on memory for semantically-incongruent associations. <i>Neurobiology of Learning and Memory</i> , 2021, 183, 107482.	1.9	9
21	Sleep: Slow Wave Activity Predicts Amyloid- β^2 Accumulation. <i>Current Biology</i> , 2020, 30, R1371-R1373.	3.9	7
22	No difference between slow oscillation up- and down-state cueing for memory consolidation during sleep. <i>Journal of Sleep Research</i> , 2022, 31, e13562.	3.2	6
23	Triggering up states in all-to-all coupled neurons. <i>Europhysics Letters</i> , 2010, 89, 68002.	2.0	5
24	Memory consolidation in fragmented sleep. <i>Somnologie</i> , 2016, 20, 37-46.	1.5	4
25	Dynamical Mean-Field Equations for a Neural Network with Spike Timing Dependent Plasticity. <i>Journal of Statistical Physics</i> , 2012, 148, 677-686.	1.2	1
26	Shifting memories. <i>ELife</i> , 2017, 6, .	6.0	1
27	Affective Cortical Asymmetry at the Early Developmental Emergence of Emotional Expression. <i>ENeuro</i> , 2020, 7, ENEURO.0042-20.2020.	1.9	1
28	Dynamics of the thalamo-cortical system driven by pulsed sensory stimulation. <i>BMC Neuroscience</i> , 2013, 14, .	1.9	0
29	5.30 THE EFFECT OF CLOSED-LOOPED ACOUSTIC STIMULATION DURING SLEEP IN CHILDREN WITH AND WITHOUT ADHD: ENHANCING THE CONSOLIDATION OF REWARDED MEMORIES BY INCREASING SLOW-WAVE ACTIVITY?. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, S158-S159.	0.5	0