

Omar J Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

649
citations

1163117

8
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Running speed and REM sleep control two distinct modes of rapid interhemispheric communication. <i>Cell Reports</i> , 2022, 40, 111028.	6.4	6
2	Thalamus and claustrum control parallel layer 1 circuits in retrosplenial cortex. <i>ELife</i> , 2021, 10, .	6.0	28
3	Mechanisms of Subiculum Hyperexcitability in Temporal Lobe Epilepsy. <i>Epilepsy Currents</i> , 2021, 21, 153575972110486.	0.8	1
4	Neural circuits linking sleep and addiction: Animal models to understand why select individuals are more vulnerable to substance use disorders after sleep deprivation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 435-444.	6.1	11
5	The neural circuitry supporting successful spatial navigation despite variable movement speeds. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 108, 821-833.	6.1	5
6	Slower, Fewer Hippocampal Ripples in Loss-of-Function Model of Dravet Syndrome. <i>Epilepsy Currents</i> , 2020, 20, 387-389.	0.8	0
7	Dynamics of recovery from anaesthesia-induced unconsciousness across primate neocortex. <i>Brain</i> , 2020, 143, 833-843.	7.6	9
8	Hyperexcitable Neurons Enable Precise and Persistent Information Encoding in the Superficial Retrosplenial Cortex. <i>Cell Reports</i> , 2020, 30, 1598-1612.e8.	6.4	25
9	Instantaneous amplitude and shape of postrhinal theta oscillations differentially encode running speed.. <i>Behavioral Neuroscience</i> , 2020, 134, 516-528.	1.2	7
10	Ripple While You Walk, and You May Get Lost: Pathological High-Frequency Activity Can Alter Spatial Navigation Circuits. <i>Epilepsy Currents</i> , 2019, 19, 344-346.	0.8	2
11	High-Frequency Activity During Stereotyped Low-Frequency Events Might Help to Identify the Seizure Onset Zone. <i>Epilepsy Currents</i> , 2019, 19, 184-186.	0.8	3
12	Biophysical Modeling Suggests Optimal Drug Combinations for Improving the Efficacy of GABA Agonists after Traumatic Brain Injuries. <i>Journal of Neurotrauma</i> , 2019, 36, 1632-1645.	3.4	10
13	Optogenetic Delay of Status Epilepticus Onset in an In Vivo Rodent Epilepsy Model. <i>PLoS ONE</i> , 2013, 8, e62013.	2.5	58
14	Finding synchrony in the desynchronized EEG: the history and interpretation of gamma rhythms. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 58.	2.1	26
15	Running Speed Alters the Frequency of Hippocampal Gamma Oscillations. <i>Journal of Neuroscience</i> , 2012, 32, 7373-7383.	3.6	163
16	Thalamic Control of Layer 1 Circuits in Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 17813-17823.	3.6	190
17	The hippocampal rate code: anatomy, physiology and theory. <i>Trends in Neurosciences</i> , 2009, 32, 329-338.	8.6	103
18	Finding a Fragile Piece to End the Seizure War. <i>Epilepsy Currents</i> , 0, , 153575972210949.	0.8	0