

# Omar J Ahmed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8760812/publications.pdf>

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