

# Matthew E Carter

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8043818/publications.pdf>

Version: 2024-02-01

15  
papers

1,667  
citations

759233

12  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2014  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic identification of a neural circuit that suppresses appetite. <i>Nature</i> , 2013, 503, 111-114.	27.8	483
2	Mechanism for Hypocretin-mediated sleep-to-wake transitions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2635-44.	7.1	236
3	Sleep Homeostasis Modulates Hypocretin-Mediated Sleep-to-Wake Transitions. <i>Journal of Neuroscience</i> , 2009, 29, 10939-10949.	3.6	232
4	Antagonistic interplay between hypocretin and leptin in the lateral hypothalamus regulates stress responses. <i>Nature Communications</i> , 2015, 6, 6266.	12.8	138
5	Parabrachial Calcitonin Gene-Related Peptide Neurons Mediate Conditioned Taste Aversion. <i>Journal of Neuroscience</i> , 2015, 35, 4582-4586.	3.6	132
6	The brain hypocretins and their receptors: mediators of allostatic arousal. <i>Current Opinion in Pharmacology</i> , 2009, 9, 39-45.	3.5	89
7	AgRP Neurons Can Increase Food Intake during Conditions of Appetite Suppression and Inhibit Anorexigenic Parabrachial Neurons. <i>Journal of Neuroscience</i> , 2017, 37, 8678-8687.	3.6	84
8	Optogenetic investigation of neural circuits in vivo. <i>Trends in Molecular Medicine</i> , 2011, 17, 197-206.	6.7	78
9	Hypothalamic Neurons that Regulate Feeding Can Influence Sleep/Wake States Based on Homeostatic Need. <i>Current Biology</i> , 2018, 28, 3736-3747.e3.	3.9	58
10	Functional wiring of hypocretin and LC-NE neurons: implications for arousal. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 43.	2.0	53
11	Understanding how discrete populations of hypothalamic neurons orchestrate complicated behavioral states. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 111.	2.5	34
12	Identification of discrete, intermingled hypocretin neuronal populations. <i>Journal of Comparative Neurology</i> , 2018, 526, 2937-2954.	1.6	21
13	A discrete parasubthalamic nucleus subpopulation plays a critical role in appetite suppression. <i>ELife</i> , 2022, 11, .	6.0	15
14	POMC neurons in heat: A link between warm temperatures and appetite suppression. <i>PLoS Biology</i> , 2018, 16, e2006188.	5.6	10
15	Neuroethology: Regulation of pre-sleep behaviors. <i>Current Biology</i> , 2022, 32, R160-R162.	3.9	1