

# Michael J Krashes

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7643910/michael-j-krashes-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

5,620  
citations

30  
h-index

53  
g-index

53  
ext. papers

7,004  
ext. citations

20.6  
avg, IF

5.53  
L-index

#	Paper	IF	Citations
47	A distinct hypothalamus-to-cell circuit modulates insulin secretion.. <i>Cell Metabolism</i> , <b>2022</b> , 34, 285-298.e74.	74.6	2
46	An open-source device for measuring food intake and operant behavior in rodent home-cages. <i>ELife</i> , <b>2021</b> , 10,	8.9	3
45	Examining the role of olfaction in dietary choice. <i>Cell Reports</i> , <b>2021</b> , 34, 108755	10.6	3
44	Food cue regulation of AGRP hunger neurons guides learning. <i>Nature</i> , <b>2021</b> , 595, 695-700	50.4	8
43	Measuring Behavior in the Home Cage: Study Design, Applications, Challenges, and Perspectives. <i>Frontiers in Behavioral Neuroscience</i> , <b>2021</b> , 15, 735387	3.5	6
42	Integrating Hunger with Rival Motivations. <i>Trends in Endocrinology and Metabolism</i> , <b>2020</b> , 31, 495-507	8.8	22
41	High-fat food biases hypothalamic and mesolimbic expression of consummatory drives. <i>Nature Neuroscience</i> , <b>2020</b> , 23, 1253-1266	25.5	40
40	The Paraventricular Hypothalamus Regulates Satiety and Prevents Obesity via Two Genetically Distinct Circuits. <i>Neuron</i> , <b>2019</b> , 102, 653-667.e6	13.9	60
39	Need-based prioritization of behavior. <i>ELife</i> , <b>2019</b> , 8,	8.9	23
38	Defined Paraventricular Hypothalamic Populations Exhibit Differential Responses to Food Contingent on Caloric State. <i>Cell Metabolism</i> , <b>2019</b> , 29, 681-694.e5	24.6	51
37	DREADD Agonist 21 Is an Effective Agonist for Muscarinic-Based DREADDs and. <i>ACS Pharmacology and Translational Science</i> , <b>2018</b> , 1, 61-72	5.9	76
36	Remembering a Bad Taste. <i>Neuron</i> , <b>2018</b> , 100, 765-767	13.9	1
35	Neuroscience: To Eat or to Sleep?. <i>Current Biology</i> , <b>2018</b> , 28, R1386-R1388	6.3	
34	Brs3 neurons in the mouse dorsomedial hypothalamus regulate body temperature, energy expenditure, and heart rate, but not food intake. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 1530-1540	25.5	32
33	Identification of preoptic sleep neurons using retrograde labelling and gene profiling. <i>Nature</i> , <b>2017</b> , 545, 477-481	50.4	163
32	Pathway- and Cell-Specific Kappa-Opioid Receptor Modulation of Excitation-Inhibition Balance Differentially Gates D1 and D2 Accumbens Neuron Activity. <i>Neuron</i> , <b>2017</b> , 93, 147-163	13.9	79
31	AgRP Accountants Compute Caloric Cost. <i>Cell Reports</i> , <b>2017</b> , 21, 2647-2648	10.6	3

30	Asprosin is a centrally acting orexigenic hormone. <i>Nature Medicine</i> , <b>2017</b> , 23, 1444-1453	50.5	130
29	Dynamic GABAergic afferent modulation of AgRP neurons. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1628-1635	25.5	99
28	A GABAergic Projection from the Centromedial Nuclei of the Amygdala to Ventromedial Prefrontal Cortex Modulates Reward Behavior. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 10831-10842	6.6	45
27	Melanocortin-4 receptor-regulated energy homeostasis. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 206-19	25.5	168
26	Genetic identity of thermosensory relay neurons in the lateral parabrachial nucleus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 310, R41-54	3.2	51
25	Gs-coupled GPCR signalling in AgRP neurons triggers sustained increase in food intake. <i>Nature Communications</i> , <b>2016</b> , 7, 10268	17.4	64
24	Acute Glucose Response Properties Beyond Feeding. <i>Trends in Molecular Medicine</i> , <b>2016</b> , 22, 356-358	11.5	
23	Dynorphin Controls the Gain of an Amygdalar Anxiety Circuit. <i>Cell Reports</i> , <b>2016</b> , 14, 2774-83	10.6	92
22	Foraging and flight trump defense and fight. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 645-646	25.5	
21	Neuroendocrinology: Electromagnetic control of neural activity - prospective physics for physicians. <i>Nature Reviews Endocrinology</i> , <b>2016</b> , 12, 316-7	15.2	2
20	Resolving Behavioral Output via Chemogenetic Designer Receptors Exclusively Activated by Designer Drugs. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 9268-82	6.6	23
19	Physiology: Forecast for water balance. <i>Nature</i> , <b>2016</b> , 537, 626-7	50.4	7
18	Hunger-Driven Motivational State Competition. <i>Neuron</i> , <b>2016</b> , 92, 187-201	13.9	131
17	A New DREADD Facilitates the Multiplexed Chemogenetic Interrogation of Behavior. <i>Neuron</i> , <b>2015</b> , 86, 936-946	13.9	239
16	A neural basis for melanocortin-4 receptor-regulated appetite. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 863-71	25.5	238
15	Palatability Can Drive Feeding Independent of AgRP Neurons. <i>Cell Metabolism</i> , <b>2015</b> , 22, 646-57	24.6	98
14	Distinct Subpopulations of Nucleus Accumbens Dynorphin Neurons Drive Aversion and Reward. <i>Neuron</i> , <b>2015</b> , 87, 1063-77	13.9	197
13	The elegance of energy balance: Insight from circuit-level manipulations. <i>Synapse</i> , <b>2015</b> , 69, 461-74	2.4	13

12	An excitatory paraventricular nucleus to AgRP neuron circuit that drives hunger. <i>Nature</i> , <b>2014</b> , 507, 238-244	50.4	390
11	MC4R-expressing glutamatergic neurons in the paraventricular hypothalamus regulate feeding and are synaptically connected to the parabrachial nucleus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 13193-8	11.5	136
10	Identification of spinal circuits transmitting and gating mechanical pain. <i>Cell</i> , <b>2014</b> , 159, 1417-1432	56.2	315
9	Rapid versus delayed stimulation of feeding by the endogenously released AgRP neuron mediators GABA, NPY, and AgRP. <i>Cell Metabolism</i> , <b>2013</b> , 18, 588-95	24.6	227
8	Layered reward signalling through octopamine and dopamine in <i>Drosophila</i> . <i>Nature</i> , <b>2012</b> , 492, 433-7	50.4	365
7	GABAergic RIP-Cre neurons in the arcuate nucleus selectively regulate energy expenditure. <i>Cell</i> , <b>2012</b> , 151, 645-57	56.2	164
6	A pair of inhibitory neurons are required to sustain labile memory in the <i>Drosophila</i> mushroom body. <i>Current Biology</i> , <b>2011</b> , 21, 855-61	6.3	96
5	Rapid, reversible activation of AgRP neurons drives feeding behavior in mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1424-8	15.9	866
4	A neural circuit mechanism integrating motivational state with memory expression in <i>Drosophila</i> . <i>Cell</i> , <b>2009</b> , 139, 416-27	56.2	391
3	Rapid consolidation to a radish and protein synthesis-dependent long-term memory after single-session appetitive olfactory conditioning in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 3103-13	6.6	187
2	Sequential use of mushroom body neuron subsets during <i>drosophila</i> odor memory processing. <i>Neuron</i> , <b>2007</b> , 53, 103-15	13.9	309
1	A role for the locus coeruleus in the modulation of feeding		4