

Lori M Zeltser

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,085
citations

331670

21
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

3524
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity Pathogenesis: An Endocrine Society Scientific Statement. <i>Endocrine Reviews</i> , 2017, 38, 267-296.	20.1	437
2	MC4R-dependent suppression of appetite by bone-derived lipocalin 2. <i>Nature</i> , 2017, 543, 385-390.	27.8	299
3	Pomc-expressing progenitors give rise to antagonistic neuronal populations in hypothalamic feeding circuits. <i>Nature Medicine</i> , 2010, 16, 403-405.	30.7	249
4	Synaptic plasticity in neuronal circuits regulating energy balance. <i>Nature Neuroscience</i> , 2012, 15, 1336-1342.	14.8	108
5	Defining POMC Neurons Using Transgenic Reagents: Impact of Transient Pomc Expression in Diverse Immature Neuronal Populations. <i>Endocrinology</i> , 2012, 153, 1219-1231.	2.8	106
6	Proinsulin misfolding is an early event in the progression to type 2 diabetes. <i>ELife</i> , 2019, 8, .	6.0	103
7	Disruption of hypothalamic leptin signaling in mice leads to early-onset obesity, but physiological adaptations in mature animals stabilize adiposity levels. <i>Journal of Clinical Investigation</i> , 2010, 120, 2931-2941.	8.2	99
8	POMC neuronal heterogeneity in energy balance and beyond: an integrated view. <i>Nature Metabolism</i> , 2021, 3, 299-308.	11.9	80
9	Developmental Switch of Leptin Signaling in Arcuate Nucleus Neurons. <i>Journal of Neuroscience</i> , 2014, 34, 9982-9994.	3.6	66
10	Roles of the placenta in fetal brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15667-15668.	7.1	60
11	New roles for dopamine D2 and D3 receptors in pancreatic beta cell insulin secretion. <i>Molecular Psychiatry</i> , 2020, 25, 2070-2085.	7.9	55
12	Functional Organization of Neuronal and Humoral Signals Regulating Feeding Behavior. <i>Annual Review of Nutrition</i> , 2013, 33, 1-21.	10.1	53
13	Feeding circuit development and early-life influences on future feeding behaviour. <i>Nature Reviews Neuroscience</i> , 2018, 19, 302-316.	10.2	43
14	Central insulin signaling modulates hypothalamusâ€“pituitaryâ€“adrenal axis responsiveness. <i>Molecular Metabolism</i> , 2015, 4, 83-92.	6.5	40
15	COVIDâ€“19 vaccines are effective in people with obesity: A position statement from The Obesity Society. <i>Obesity</i> , 2021, 29, 1575-1579.	3.0	37
16	Perineuronal net formation during the critical period for neuronal maturation in the hypothalamic arcuate nucleus. <i>Nature Metabolism</i> , 2019, 1, 212-221.	11.9	35
17	Respective Contributions of Maternal Insulin Resistance and Diet to Metabolic and Hypothalamic Phenotypes of Progeny. <i>Obesity</i> , 2011, 19, 492-499.	3.0	34
18	Differential gene expression between neuropeptide Y expressing neurons of the dorsomedial nucleus of the Hypothalamus and the Arcuate Nucleus: Microarray Analysis Study. <i>Brain Research</i> , 2010, 1350, 139-150.	2.2	30

#	ARTICLE	IF	CITATIONS
19	Developmental influences on circuits programming susceptibility to obesity. <i>Frontiers in Neuroendocrinology</i> , 2015, 39, 17-27.	5.2	29
20	Functional identity of hypothalamic melanocortin neurons depends on Tbx3. <i>Nature Metabolism</i> , 2019, 1, 222-235.	11.9	27
21	Assessing the effects of stress on feeding behaviors in laboratory mice. <i>ELife</i> , 2022, 11, .	6.0	24
22	Postnatal undernutrition delays a key step in the maturation of hypothalamic feeding circuits. <i>Molecular Metabolism</i> , 2016, 5, 198-209.	6.5	23
23	Distinct Networks of Leptin- and Insulin-Sensing Neurons Regulate Thermogenic Responses to Nutritional and Cold Challenges. <i>Diabetes</i> , 2015, 64, 137-146.	0.6	14
24	A Framework for Developing Translationally Relevant Animal Models of Stress-Induced Changes in Eating Behavior. <i>Biological Psychiatry</i> , 2022, 91, 888-897.	1.3	14
25	Weight Perturbation Alters Leptin Signal Transduction in a Region-Specific Manner throughout the Brain. <i>PLoS ONE</i> , 2017, 12, e0168226.	2.5	6
26	Rethinking the Approach to Preclinical Models of Anorexia Nervosa. <i>Current Psychiatry Reports</i> , 2022, 24, 71-76.	4.5	4
27	Reducing Adiposity in a Critical Developmental Window Has Lasting Benefits in Mice. <i>Endocrinology</i> , 2016, 157, 666-678.	2.8	2
28	Distinct Hypothalamic and Brainstem Contributions to Lorcaserin Action. <i>Cell Metabolism</i> , 2018, 28, 533-534.	16.2	2
29	Axon Guidance Molecules Implicated in Early-Onset Obesity. <i>Trends in Neurosciences</i> , 2019, 42, 439-440.	8.6	2
30	OUP accepted manuscript. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 591-592.	4.7	2