Jeffrey M Zigman

List of Publications by Year
in descending order

98 papers	11,907 citations	36303 51 h-index	33894 99 g-index
100 all docs	100 docs citations	100 times ranked	9591 citing authors

#	Article	IF	Citations
1	A closer look at alcoholâ€induced changes in the ghrelin system: novel insights from preclinical and clinical data. Addiction Biology, 2022, 27, e13033.	2.6	17
2	Growth hormone secretagogue receptor signaling in the supramammillary nucleus targets nitric oxide-producing neurons and controls recognition memory in mice. Psychoneuroendocrinology, 2022, 139, 105716.	2.7	5
3	â€œA LEAP 2 conclusions? Targeting the ghrelin system to treat obesity and diabetesâ€. Molecular Metabolism, 2021, 46, 101128.	6.5	27
4	High Coexpression of the Ghrelin and LEAP2 Receptor GHSR With Pancreatic Polypeptide in Mouse and Human Islets. Endocrinology, 2021, 162, .	2.8	14
5	Ghrelin cellâ€“expressed insulin receptors mediate meal- and obesity-induced declines in plasma ghrelin. JCI Insight, 2021, 6, .	5.0	10
6	Genetic deletion of the ghrelin receptor (GHSR) impairs growth and blunts endocrine response to fasting in Ghsr-IRES-Cre mice. Molecular Metabolism, 2021, 51, 101223.	6.5	10
7	Disrupting the ghrelin-growth hormone axis limits ghrelin's orexigenic but not glucoregulatory actions. Molecular Metabolism, 2021, 53, 101258.	6.5	22
8	LEAP2 deletion in mice enhances ghrelin's actions as an orexigen and growth hormone secretagogue. Molecular Metabolism, 2021, 53, 101327.	6.5	37
9	Combined Loss of Ghrelin Receptor and Cannabinoid CB1 Receptor in Mice Decreases Survival but does not Additively Reduce Body Weight or Eating. Neuroscience, 2020, 447, 53-62.	2.3	3
10	Acyl-ghrelin Is Permissive for the Normal Counterregulatory Response to Insulin-Induced Hypoglycemia. Diabetes, 2020, 69, 228-237.	0.6	17
11	Ghrelin Protects Against Insulin-Induced Hypoglycemia in a Mouse Model of Type 1 Diabetes Mellitus. Frontiers in Endocrinology, 2020, 11, 606.	3.5	6
12	Lowering oxidative stress in ghrelin cells stimulates ghrelin secretion. American Journal of Physiology - Endocrinology and Metabolism, 2020, 319, E330-E337.	3.5	9
13	Electrophysiological Properties of Genetically Identified Histaminergic Neurons. Neuroscience, 2020, 444, 183-195.	2.3	6
14	Metabolic insights from a GHSR-A203E mutant mouse model. Molecular Metabolism, 2020, 39, 101004.	6.5	28
15	Melanocortin regulation of histaminergic neurons via perifornical lateral hypothalamic melanocortin 4 receptors. Molecular Metabolism, 2020, 35, 100956.	6.5	7
16	Disrupted hippocampal growth hormone secretagogue receptor 1Î± interaction with dopamine receptor D1 plays a role in Alzheimerâ€²s disease. Science Translational Medicine, 2019, 11, .	12.4	45
17	Ghrelinâ€™s Relationship to Blood Glucose. Endocrinology, 2019, 160, 1247-1261.	2.8	61
18	Î²1-adrenergic receptors mediate plasma acyl-ghrelin elevation and depressive-like behavior induced by chronic psychosocial stress. Neuropsychopharmacology, 2019, 44, 1319-1327.	5.4	23

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19	LEAP2 changes with body mass and food intake in humans and mice. Journal of Clinical Investigation, 2019, 129, 3909-3923.	8.2	130
20	Ghrelin mediates exercise endurance and the feeding response post-exercise. Molecular Metabolism, 2018, 9, 114-130.	6.5	34
21	Ghrelin Receptor Agonist Rescues Excess Neonatal Mortality in a Prader-Willi Syndrome Mouse Model. Endocrinology, 2018, 159, 4006-4022.	2.8	20
22	GhrelinÂreceptor signaling targets segregated clusters of neurons within the nucleus of the solitary tract. Brain Structure and Function, 2018, 223, 3133-3147.	2.3	23
23	Hypothalamic loss of Snord116 and Prader-Willi syndrome hyperphagia: the buck stops here?. Journal of Clinical Investigation, 2018, 128, 900-902.	8.2	11
24	The effect of glutamate on ghrelin release in mice. Cell Biology International, 2017, 41, 320-327.	3.0	5
25	Circulating Ghrelin Acts on GABA Neurons of the Area Postrema and Mediates Gastric Emptying in Male Mice. Endocrinology, 2017, 158, 1436-1449.	2.8	33
26	Hypoglycemic Effect of Combined Ghrelin and Glucagon Receptor Blockade. Diabetes, 2017, 66, 1847-1857.	0.6	27
27	Ghrelin as a Survival Hormone. Trends in Endocrinology and Metabolism, 2017, 28, 843-854.	7.1	100
28	The role of ghrelin-responsive mediobasal hypothalamic neurons in mediating feeding responses to fasting. Molecular Metabolism, 2017, 6, 882-896.	6.5	46
29	Brain imaging demonstrates a reduced neural impact of eating in obesity. Obesity, 2016, 24, 829-836.	3.0	17
30	Ghrelin activates hypophysiotropic corticotropin-releasing factor neurons independently of the arcuate nucleus. Psychoneuroendocrinology, 2016, 67, 27-39.	2.7	45
31	Obesity Impairs the Action of the Neuroendocrine Ghrelin System. Trends in Endocrinology and Metabolism, 2016, 27, 54-63.	7.1	109
32	Î²1-Adrenergic receptor deficiency in ghrelin-expressing cells causes hypoglycemia in susceptible individuals. Journal of Clinical Investigation, 2016, 126, 3467-3478.	8.2	51
33	A Strong Stomach for Somatostatin. Endocrinology, 2015, 156, 3876-3879.	2.8	11
34	Novel Regulator of Acylated Ghrelin, CF801, Reduces Weight Gain, Rebound Feeding after a Fast, and Adiposity in Mice. Frontiers in Endocrinology, 2015, 6, 144.	3.5	10
35	Ghrelin. Molecular Metabolism, 2015, 4, 437-460.	6.5	810
36	Neuroanatomical and functional characterization of CRF neurons of the amygdala using a novel transgenic mouse model. Neuroscience, 2015, 289, 153-165.	2.3	25

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37	Research Resource: A Chromogranin A Reporter for Serotonin and Histamine Secreting Enteroendocrine Cells. Molecular Endocrinology, 2015, 29, 1658-1671.	3.7	39
38	The P7C3 class of neuroprotective compounds exerts antidepressant efficacy in mice by increasing hippocampal neurogenesis. Molecular Psychiatry, 2015, 20, 500-508.	7.9	119
39	Role of Calcium and EPAC in Norepinephrine-Induced Ghrelin Secretion. Endocrinology, 2014, 155, 98-107.	2.8	19
40	Altered ghrelin secretion in mice in response to diet-induced obesity and Roux-en-Y gastric bypass. Molecular Metabolism, 2014, 3, 717-730.	6.5	42
41	Neuroanatomical characterization of a growth hormone secretagogue receptorâ€green fluorescent protein reporter mouse. Journal of Comparative Neurology, 2014, 522, 3644-3666.	1.6	131
42	The Central Nervous System Sites Mediating the Orexigenic Actions of Ghrelin. Annual Review of Physiology, 2014, 76, 519-533.	13.1	72
43	G protein-coupled receptor 120 signaling regulates ghrelin secretion in vivo and in vitro. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E28-E35.	3.5	74
44	Arcuate AgRP neurons mediate orexigenic and glucoregulatory actions of ghrelin. Molecular Metabolism, 2014, 3, 64-72.	6.5	206
45	Estradiol modulates Kiss1 neuronal response to ghrelin. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E606-E614.	3.5	74
46	A solitary hyperfunctioning thyroid nodule harboring thyroid carcinoma: review of the literature. Thyroid Research, 2013, 6, 7.	1.5	65
47	Seven transmembrane G protein-coupled receptor repertoire of gastric ghrelin cells. Molecular Metabolism, 2013, 2, 376-392.	6.5	261
48	An eGFP-expressing subpopulation of growth hormone secretagogue receptor cells are distinct from kisspeptin, tyrosine hydroxylase, and RFamide-related peptide neurons in mice. Peptides, 2013, 47, 45-53.	2.4	24
49	Differential effects of chronic social stress and fluoxetine on meal patterns in mice. Appetite, 2013, 64, 81-88.	3.7	46
50	Shift in Kiss1 Cell Activity Requires Estrogen Receptor Î±. Journal of Neuroscience, 2013, 33, 2807-2820.	3.6	74
51	Characterization of Gastric and Neuronal Histaminergic Populations Using a Transgenic Mouse Model. PLoS ONE, 2013, 8, e60276.	2.5	18
52	Ghrelin and eating behavior: evidence and insights from genetically-modified mouse models. Frontiers in Neuroscience, 2013, 7, 121.	2.8	46
53	Leptin Signaling in Kiss1 Neurons Arises after Pubertal Development. PLoS ONE, 2013, 8, e58698.	2.5	120
54	Expression of Serum Retinol Binding Protein and Transthyretin within Mouse Gastric Ghrelin Cells. PLoS ONE, 2013, 8, e64882.	2.5	12

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55	Glucose-mediated control of ghrelin release from primary cultures of gastric mucosal cells. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E1300-E1310.	3.5	84
56	GOAT induced ghrelin acylation regulates hedonic feeding. Hormones and Behavior, 2012, 62, 598-604.	2.1	53
57	A Major Lineage of Enteroendocrine Cells Coexpress CCK, Secretin, GIP, GLP-1, PYY, and Neurotensin but Not Somatostatin. Endocrinology, 2012, 153, 5782-5795.	2.8	269
58	The Role of Ghrelin in Reward-Based Eating. Biological Psychiatry, 2012, 72, 347-353.	1.3	120
59	Disruption of cue-potentiated feeding in mice with blocked ghrelin signaling. Physiology and Behavior, 2012, 108, 34-43.	2.1	65
60	Ghrelin Indirectly Activates Hypophysiotropic CRF Neurons in Rodents. PLoS ONE, 2012, 7, e31462.	2.5	89
61	Hindbrain Ghrelin Receptor Signaling Is Sufficient to Maintain Fasting Glucose. PLoS ONE, 2012, 7, e44089.	2.5	52
62	Proton- and ammonium-sensing by histaminergic neurons controlling wakefulness. Frontiers in Systems Neuroscience, 2012, 6, 23.	2.5	31
63	Functional implications of limited leptin receptor and ghrelin receptor coexpression in the brain. Journal of Comparative Neurology, 2012, 520, 281-294.	1.6	76
64	Ghrelin Directly Stimulates Glucagon Secretion from Pancreatic Î±-Cells. Molecular Endocrinology, 2011, 25, 1600-1611.	3.7	108
65	A Role for Î”FosB in Calorie Restriction-Induced Metabolic Changes. Biological Psychiatry, 2011, 70, 204-207.	1.3	24
66	High-fat feeding promotes obesity via insulin receptor/PI3K-dependent inhibition of SF-1 VMH neurons. Nature Neuroscience, 2011, 14, 911-918.	14.8	205
67	Characterization of Kiss1 neurons using transgenic mouse models. Neuroscience, 2011, 173, 37-56.	2.3	286
68	Ghrelin mediates stress-induced food-reward behavior in mice. Journal of Clinical Investigation, 2011, 121, 2684-2692.	8.2	279
69	Leptinâ€™s effect on puberty in mice is relayed by the ventral premammillary nucleus and does not require signaling in Kiss1 neurons. Journal of Clinical Investigation, 2011, 121, 355-368.	8.2	281
70	Genetic tracing of Nav1.8â€expressing vagal afferents in the mouse. Journal of Comparative Neurology, 2011, 519, 3085-3101.	1.6	100
71	5-HT2CRs expressed by pro-opiomelanocortin neurons regulate insulin sensitivity in liver. Nature Neuroscience, 2010, 13, 1457-1459.	14.8	87
72	Ghrelin's Roles in Stress, Mood, and Anxiety Regulation. International Journal of Peptides, 2010, 2010, 1-5.	0.7	91

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73	Chronic social defeat stress disrupts regulation of lipid synthesis. Journal of Lipid Research, 2010, 51, 1344-1353.	4.2	104
74	Ghrelin secretion stimulated by Î² ₁ -adrenergic receptors in cultured ghrelinoma cells and in fasted mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15868-15873.	7.1	170
75	Ghrelin Increases the Rewarding Value of High-Fat Diet in an Orexin-Dependent Manner. Biological Psychiatry, 2010, 67, 880-886.	1.3	314
76	A Î²3-Adrenergic-Leptin-Melanocortin Circuit Regulates Behavioral and Metabolic Changes Induced by Chronic Stress. Biological Psychiatry, 2010, 67, 1075-1082.	1.3	104
77	Direct Insulin and Leptin Action on Pro-opiomelanocortin Neurons Is Required for Normal Glucose Homeostasis and Fertility. Cell Metabolism, 2010, 11, 286-297.	16.2	321
78	PI3K Signaling in the Ventromedial Hypothalamic Nucleus Is Required for Normal Energy Homeostasis. Cell Metabolism, 2010, 12, 88-95.	16.2	96
79	Distribution and neurochemical characterization of protein kinase C-theta and -delta in the rodent hypothalamus. Neuroscience, 2010, 170, 1065-1079.	2.3	27
80	Colocalization of ghrelinO-acyltransferase and ghrelin in gastric mucosal cells. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E134-E141.	3.5	109
81	Ghrelin Promotes and Protects Nigrostriatal Dopamine Function via a UCP2-Dependent Mitochondrial Mechanism. Journal of Neuroscience, 2009, 29, 14057-14065.	3.6	245
82	Ghrelin Induces Abdominal Obesity Via GHS-R-Dependent Lipid Retention. Molecular Endocrinology, 2009, 23, 914-924.	3.7	140
83	Characterization of a novel ghrelin cell reporter mouse. Regulatory Peptides, 2009, 155, 91-98.	1.9	84
84	Central Nervous System Regulation of Energy Metabolism. Annals of the New York Academy of Sciences, 2008, 1126, 14-19.	3.8	105
85	The orexigenic hormone ghrelin defends against depressive symptoms of chronic stress. Nature Neuroscience, 2008, 11, 752-753.	14.8	534
86	5-HT2CRs Expressed by Pro-Opiomelanocortin Neurons Regulate Energy Homeostasis. Neuron, 2008, 60, 582-589.	8.1	284
87	Monitoring FoxO1 Localization in Chemically Identified Neurons. Journal of Neuroscience, 2008, 28, 13640-13648.	3.6	64
88	Estradiol-Dependent Decrease in the Orexigenic Potency of Ghrelin in Female Rats. Diabetes, 2007, 56, 1051-1058.	0.6	232
89	Synaptic Glutamate Release by Ventromedial Hypothalamic Neurons Is Part of the Neurocircuitry that Prevents Hypoglycemia. Cell Metabolism, 2007, 5, 383-393.	16.2	358
90	Leptin Directly Activates SF1 Neurons in the VMH, and This Action by Leptin Is Required for Normal Body-Weight Homeostasis. Neuron, 2006, 49, 191-203.	8.1	703

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91	Serotonin Reciprocally Regulates Melanocortin Neurons to Modulate Food Intake. Neuron, 2006, 51, 239-249.	8.1	345
92	Expression of ghrelin receptor mRNA in the rat and the mouse brain. Journal of Comparative Neurology, 2006, 494, 528-548.	1.6	900
93	In search of an effective obesity treatment: A shot in the dark or a shot in the arm?. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12961-12962.	7.1	16
94	Molecular Determinants of Energy Homeostasis. American Journal of Psychiatry, 2006, 163, 1137.	7.2	6
95	Mice lacking ghrelin receptors resist the development of diet-induced obesity. Journal of Clinical Investigation, 2005, 115, 3564-3572.	8.2	537
96	Central Serotonin and Melanocortin Pathways Regulating Energy Homeostasis. Annals of the New York Academy of Sciences, 2003, 994, 169-174.	3.8	150
97	Impact of Thyroxine-Binding Globulin on Thyroid Hormone Economy During Pregnancy. Thyroid, 2003, 13, 1169-1175.	4.5	9
98	Minireview: From Anorexia to Obesityâ€"The Yin and Yang of Body Weight Control. Endocrinology, 2003, 144, 3749-3756.	2.8	347