Suzanne L Dickson

List of Publications by Year
in descending order

117 papers	9,235 citations	36303 51 h-index	39675 94 g-index
129 all docs	129 docs citations	129 times ranked	8269 citing authors

#	Article	IF	Citations
1	Interleukin-6-deficient mice develop mature-onset obesity. Nature Medicine, 2002, 8, 75-79.	30.7	1,073
2	â€œEating addictionâ€ rather than â€œfood addictionâ€ better captures addictive-like eating behavior. Neuroscience and Biobehavioral Reviews, 2014, 47, 295-306.	6.1	430
3	PRECLINICAL STUDY: Ghrelin administration into tegmental areas stimulates locomotor activity and increases extracellular concentration of dopamine in the nucleus accumbens. Addiction Biology, 2007, 12, 6-16.	2.6	369
4	Requirement of central ghrelin signaling for alcohol reward. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11318-11323.	7.1	359
5	PRECLINICAL STUDY: Ghrelin stimulates locomotor activity and accumbal dopamineâ€overflow via central cholinergic systems in mice: implications for its involvement in brain reward. Addiction Biology, 2006, 11, 45-54.	2.6	322
6	The Glucagon-Like Peptide 1 (GLP-1) Analogue, Exendin-4, Decreases the Rewarding Value of Food: A New Role for Mesolimbic GLP-1 Receptors. Journal of Neuroscience, 2012, 32, 4812-4820.	3.6	305
7	PRECLINICAL STUDY: FULL ARTICLE: Ghrelin increases intake of rewarding food in rodents. Addiction Biology, 2010, 15, 304-311.	2.6	292
8	Ghrelin directly targets the ventral tegmental area to increase food motivation. Neuroscience, 2011, 180, 129-137.	2.3	289
9	Induction of c-fos Messenger Ribonucleic Acid in Neuropeptide Y and Growth Hormone (GH)-Releasing Factor Neurons in the Rat Arcuate Nucleus Following Systemic Injection of the GH Secretagogue, GH-Releasing Peptide-6*. Endocrinology, 1997, 138, 771-777.	2.8	277
10	The determinants of food choice. Proceedings of the Nutrition Society, 2017, 76, 316-327.	1.0	218
11	Role of ghrelin in food reward: impact of ghrelin on sucrose selfâ€administration and mesolimbic dopamine and acetylcholine receptor gene expression. Addiction Biology, 2012, 17, 95-107.	2.6	212
12	The role of the central ghrelin system in reward from food and chemical drugs. Molecular and Cellular Endocrinology, 2011, 340, 80-87.	3.2	206
13	Nutritional psychiatry: Towards improving mental health by what you eat. European Neuropsychopharmacology, 2019, 29, 1321-1332.	0.7	191
14	Ghrelin receptor antagonism attenuates cocaine- and amphetamine-induced locomotor stimulation, accumbal dopamine release, and conditioned place preference. Psychopharmacology, 2010, 211, 415-422.	3.1	189
15	Hedonic and incentive signals for body weight control. Reviews in Endocrine and Metabolic Disorders, 2011, 12, 141-151.	5.7	145
16	Intracerebroventricular injection of apelin-13 reduces food intake in the rat. Neuroscience Letters, 2003, 353, 1-4.	2.1	136
17	The Amygdala as a Neurobiological Target for Ghrelin in Rats: Neuroanatomical, Electrophysiological and Behavioral Evidence. PLoS ONE, 2012, 7, e46321.	2.5	133
18	Acute Sleep Loss Induces Tissue-Specific Epigenetic and Transcriptional Alterations to Circadian Clock Genes in Men. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1255-E1261.	3.6	132

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19	Impact of stress on metabolism and energy balance. Current Opinion in Behavioral Sciences, 2016, 9, 71-77.	3.9	129
20	Gut Peptide GLP-1 and Its Analogue, Exendin-4, Decrease Alcohol Intake and Reward. PLoS ONE, 2013, 8, e61965.	2.5	121
21	Ghrelin Signalling on Food Reward: A Salient Link Between the Gut and the Mesolimbic System. Journal of Neuroendocrinology, 2015, 27, 424-434.	2.6	120
22	Central Actions of Peptide and Non-Peptide Growth Hormone Secretagogues in the Rat. Neuroendocrinology, 1995, 61, 36-43.	2.5	113
23	The Rat Arcuate Nucleus Integrates Peripheral Signals Provided by Leptin, Insulin, and a Ghrelin Mimetic. Diabetes, 2002, 51, 3412-3419.	0.6	113
24	Divergent circuitry underlying food reward and intake effects of ghrelin: Dopaminergic VTA-accumbens projection mediates ghrelin's effect on food reward but not food intake. Neuropharmacology, 2013, 73, 274-283.	4.1	108
25	Acute and chronic suppression of the central ghrelin signaling system reveals a role in food anticipatory activity. European Neuropsychopharmacology, 2011, 21, 384-392.	0.7	101
26	Ghrelin and food reward: The story of potential underlying substrates. Peptides, 2011, 32, 2265-2273.	2.4	100
27	Acute sleep deprivation increases portion size and affects food choice in young men. Psychoneuroendocrinology, 2013, 38, 1668-1674.	2.7	99
28	Induction of c-fos Messenger Ribonucleic Acid in Neuropeptide Y and Growth Hormone (GH)-Releasing Factor Neurons in the Rat Arcuate Nucleus Following Systemic Injection of the GH Secretagogue, GH-Releasing Peptide-6. Endocrinology, 1997, 138, 771-777.	2.8	97
29	Ghrelin Interacts with Neuropeptide Y Y1 and Opioid Receptors to Increase Food Reward. Endocrinology, 2012, 153, 1194-1205.	2.8	96
30	Central administration of ghrelin alters emotional responses in rats: behavioural, electrophysiological and molecular evidence. Neuroscience, 2011, 180, 201-211.	2.3	94
31	Central administration of resistin promotes short-term satiety in rats. European Journal of Endocrinology, 2005, 153, R1-R5.	3.7	93
32	Growth hormone receptor deficiency results in blunted ghrelin feeding response, obesity, and hypolipidemia in mice. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E317-E325.	3.5	92
33	Glutamatergic regulation of ghrelin-induced activation of the mesolimbic dopamine system. Addiction Biology, 2011, 16, 82-91.	2.6	86
34	Acute sleep loss results in tissue-specific alterations in genome-wide DNA methylation state and metabolic fuel utilization in humans. Science Advances, 2018, 4, eaar8590.	10.3	86
35	The alcohol-induced locomotor stimulation and accumbal dopamine release is suppressed in ghrelin knockout mice. Alcohol, 2011, 45, 341-347.	1.7	84
36	Intracerebroventricular injection of neuropeptide FF, an opioid modulating neuropeptide, acutely reduces food intake and stimulates water intake in the rat. Neuroscience Letters, 2001, 313, 145-148.	2.1	81

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37	Microbiota in obesity: interactions with enteroendocrine, immune and central nervous systems. Obesity Reviews, 2018, 19, 435-451.	6.5	77
38	Body weight homeostat that regulates fat mass independently of leptin in rats and mice. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 427-432.	7.1	74
39	Growth Hormone (GH)-Independent Stimulation of Adiposity by GH Secretagogues. Biochemical and Biophysical Research Communications, 2001, 280, 132-138.	2.1	73
40	Blockade of central nicotine acetylcholine receptor signaling attenuate ghrelin-induced food intake in rodents. Neuroscience, 2010, 171, 1180-1186.	2.3	73
41	Ghrelin Mediates Anticipation to a Palatable Meal in Rats. Obesity, 2012, 20, 963-971.	3.0	71
42	GLP-1 Receptor Stimulation of the Lateral Parabrachial Nucleus Reduces Food Intake: Neuroanatomical, Electrophysiological, and Behavioral Evidence. Endocrinology, 2014, 155, 4356-4367.	2.8	71
43	Alpha-conotoxin MII-sensitive nicotinic acetylcholine receptors are involved in mediating the ghrelin-induced locomotor stimulation and dopamine overflow in nucleus accumbens. European Neuropsychopharmacology, 2008, 18, 508-518.	0.7	70
44	The Stomach-Derived Hormone Ghrelin Increases Impulsive Behavior. Neuropsychopharmacology, 2016, 41, 1199-1209.	5.4	69
45	Effects of smoking cessation on Î²-cell function, insulin sensitivity, body weight, and appetite. European Journal of Endocrinology, 2014, 170, 219-227.	3.7	67
46	Anorexigenic and electrophysiological actions of novel ghrelin receptor (GHS-R1A) antagonists in rats. European Journal of Pharmacology, 2009, 612, 167-173.	3.5	65
47	Interleukinâ€6 Gene Knockout Influences Energy Balance Regulating Peptides in the Hypothalamic Paraventricular and Supraoptic Nuclei. Journal of Neuroendocrinology, 2009, 21, 620-628.	2.6	64
48	Ghrelin Regulates Glucose and Glutamate Transporters in Hypothalamic Astrocytes. Scientific Reports, 2016, 6, 23673.	3.3	62
49	GLP-1 and estrogen conjugate acts in the supramammillary nucleus to reduce food-reward and body weight. Neuropharmacology, 2016, 110, 396-406.	4.1	60
50	Enteroendocrine hormones â€" central effects on behavior. Current Opinion in Pharmacology, 2013, 13, 977-982.	3.5	58
51	Ghrelin: Central and Peripheral Implications in Anorexia Nervosa. Frontiers in Endocrinology, 2013, 4, 15.	3.5	54
52	Influence of ghrelin on the central serotonergic signaling system in mice. Neuropharmacology, 2014, 79, 498-505.	4.1	53
53	Acute sleep deprivation increases food purchasing in men. Obesity, 2013, 21, E555-60.	3.0	52
54	Centrally Administered Ghrelin Acutely Influences Food Choice in Rodents. PLoS ONE, 2016, 11, e0149456.	2.5	48

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55	Activation of Arcuate Nucleus Neurons by Systemic Administration of Leptin and Growth Hormone-Releasing Peptide-6 in Normal and Fasted Rats. Neuroendocrinology, 1999, 70, 93-100.	2.5	44
56	Attenuation of the Growth Hormone Secretagogue Induction of Fos Protein in the Rat Arcuate Nucleus by Central Somatostatin Action. Neuroendocrinology, 1997, 66, 188-194.	2.5	43
57	On the Central Mechanism Underlying Ghrelinâ€™s Chronic Proâ€Obesity Effects in Rats: New Insights from Studies Exploiting a Potent Ghrelin Receptor Antagonist. Journal of Neuroendocrinology, 2009, 21, 777-785.	2.6	43
58	Sleep restriction alters plasma endocannabinoids concentrations before but not after exercise in humans. Psychoneuroendocrinology, 2016, 74, 258-268.	2.7	43
59	Ghrelin, Reward and Motivation. Endocrine Development, 2013, 25, 101-111.	1.3	42
60	Hypothalamic Îº-Opioid Receptor Modulates the Orexigenic Effect of Ghrelin. Neuropsychopharmacology, 2013, 38, 1296-1307.	5.4	40
61	Ghrelin Influences Novelty Seeking Behavior in Rodents and Men. PLoS ONE, 2012, 7, e50409.	2.5	37
62	Feeding Behavior in Rats Subjected to Gastrectomy or Gastric Bypass Surgery. European Surgical Research, 2008, 40, 279-288.	1.3	35
63	Chronic Central Infusion of Growth Hormone Secretagogues: Effects on Fos Expression and Peptide Gene Expression in the Rat Arcuate Nucleus. Neuroendocrinology, 1999, 70, 83-92.	2.5	33
64	Goals in Nutrition Science 2015â€“2020. Frontiers in Nutrition, 2015, 2, 26.	3.7	31
65	Acute ghrelin changes food preference from a highâ€fat diet to chow during bingeâ€like eating in rodents. Journal of Neuroendocrinology, 2017, 29, .	2.6	29
66	Heparanase Affects Food Intake and Regulates Energy Balance in Mice. PLoS ONE, 2012, 7, e34313.	2.5	26
67	Vagal Blocking for Obesity Control: a Possible Mechanism-Of-Action. Obesity Surgery, 2017, 27, 177-185.	2.1	26
68	Genetic Association and Gene Expression Analysis IdentifyFGFR1as a New Susceptibility Gene for Human Obesity. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E962-E966.	3.6	25
69	Central NMU signaling in body weight and energy balance regulation: evidence from NMUR2 deletion and chronic central NMU treatment in mice. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E708-E716.	3.5	23
70	Behavioral consequences of exposure to a high fat diet during the post-weaning period in rats. Hormones and Behavior, 2016, 85, 56-66.	2.1	23
71	A possible association between panic disorder and a polymorphism in the preproghrelingene. Psychiatry Research, 2013, 206, 22-25.	3.3	22
72	Electrical Stimulation of the Rat Periventricular Nucleus Influences the Activity of Hypothalamic Arcuate Neurones. Journal of Neuroendocrinology, 1994, 6, 359-367.	2.6	21

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73	Effects of Growth Hormone and Its Secretagogues on Bone. Endocrine, 2001, 14, 063-066.	2.2	20
74	Role of Ghrelin in the Pathophysiology of Eating Disorders. CNS Drugs, 2012, 26, 281-296.	5.9	20
75	Zona incerta neurons projecting to the ventral tegmental area promote action initiation towards feeding. Journal of Physiology, 2021, 599, 709-724.	2.9	20
76	Identification of Novel Neurocircuitry Through Which Leptin Targets Multiple Inputs to the Dopamine System to Reduce Food Reward Seeking. Biological Psychiatry, 2021, 90, 843-852.	1.3	20
77	The Sleep/Wake Cycle is Directly Modulated by Changes in Energy Balance. Sleep, 2016, 39, 1691-1700.	1.1	19
78	Activation of the rat hypothalamic supramammillary nucleus by food anticipation, food restriction or ghrelin administration. Journal of Neuroendocrinology, 2019, 31, e12676.	2.6	18
79	Hypothalamic gene expression following ghrelin therapy to gastrectomized rodents. Regulatory Peptides, 2008, 146, 176-182.	1.9	16
80	Ghrelin's effects on food motivation in rats are not limited to palatable foods. Journal of Neuroendocrinology, 2019, 31, e12665.	2.6	16
81	Central administration of ghrelin induces conditioned avoidance in rodents. European Neuropsychopharmacology, 2017, 27, 809-815.	0.7	15
82	Genetic predisposition to obesity affects behavioural traits including food reward and anxiety-like behaviour in rats. Behavioural Brain Research, 2017, 328, 95-104.	2.2	14
83	The association of serum leptin levels with food addiction is moderated by weight status in adolescent psychiatric inpatients. European Eating Disorders Review, 2018, 26, 618-628.	4.1	14
84	Impact of Freeâ€Choice Diets High in Fat and Different Sugars on Metabolic Outcome and Anxietyâ€Like Behavior in Rats. Obesity, 2019, 27, 409-419.	3.0	14
85	Mechanism of Action of GHRP-6 and Nonpeptidyl Growth Hormone Secretagogues. , 1996, , 147-163.		14
86	Short Sleep Makes Declarative Memories Vulnerable to Stress in Humans. Sleep, 2015, 38, 1861-1868.	1.1	13
87	Neuroendocrinogy Briefings. Journal of Neuroendocrinology, 2002, 14, 83-84.	2.6	12
88	Neural Substrates Underlying Interactions between Appetite Stress and Reward. Obesity Facts, 2012, 5, 208-220.	3.4	12
89	Ghrelin Receptor Stimulation of the Lateral Parabrachial Nucleus in Rats Increases Food Intake but not Food Motivation. Obesity, 2020, 28, 1503-1511.	3.0	11
90	Growth hormone release evoked by electrical stimulation of the arcuate nucleus in anesthetized male rats. Brain Research, 1993, 623, 95-100.	2.2	10

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91	The Orexigenic Force of Olfactory Palatable Food Cues in Rats. Nutrients, 2021, 13, 3101.	4.1	10
92	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
93	Divergent Metabolic Effects of Acute Versus Chronic Repeated Forced Swim Stress in the Rat. Obesity, 2019, 27, 427-433.	3.0	9
94	Ghrelin Induces Place Preference for Social Interaction in the Larger Peer of a Male Rat Pair. Neuroscience, 2020, 447, 148-154.	2.3	9
95	Functional and Neurochemical Identification of Ghrelin Receptor (GHSR)-Expressing Cells of the Lateral Parabrachial Nucleus in Mice. Frontiers in Neuroscience, 2021, 15, 633018.	2.8	8
96	Peripheral Signals Modifying Food Reward. Handbook of Experimental Pharmacology, 2012, , 131-158.	1.8	7
97	The additive effect of allopregnanolone on ghrelin's orexigenic effect in rats. Neuropeptides, 2019, 76, 101937.	2.2	7
98	Does physical activity associated with chronic food restriction alleviate anxiety like behaviour, in female mice?. Hormones and Behavior, 2020, 124, 104807.	2.1	7
99	The gravitostat protects dietâ€induced obese rats against fat accumulation and weight gain. Journal of Neuroendocrinology, 2021, 33, e12997.	2.6	6
100	Acute sleep loss alters circulating fibroblast growth factor 21 levels in humans: A randomised crossover trial. Journal of Sleep Research, 2022, 31, e13472.	3.2	6
101	Gastrectomy alters emotional reactivity in rats: neurobiological mechanisms. European Journal of Neuroscience, 2011, 33, 1685-1695.	2.6	4
102	Rats that are predisposed to excessive obesity show reduced (leptinâ€induced) thermoregulation even in the preobese state. Physiological Reports, 2019, 7, e14102.	1.7	4
103	New horizons for future research â€“ Critical issues to consider for maximizing research excellence and impact. Molecular Metabolism, 2018, 14, 53-59.	6.5	3
104	Neuroscience of obesity. Neuroscience, 2020, 447, 1-2.	2.3	3
105	A Body Weight Sensor Regulates Prepubertal Growth via the Somatotropic Axis in Male Rats. Endocrinology, 2021, 162, .	2.8	3
106	Manifesto for an ECNP Neuromodulation Thematic Working Group (TWG): Non-invasive brain stimulation as a new Super-subspecialty. European Neuropsychopharmacology, 2021, 52, 72-83.	0.7	3
107	TRAPing Ghrelin-Activated Circuits: A Novel Tool to Identify, Target and Control Hormone-Responsive Populations in TRAP2 Mice. International Journal of Molecular Sciences, 2022, 23, 559.	4.1	3
108	A skeleton in the cupboard in ghrelin research: Where are the skinny dwarfs?. Journal of Neuroendocrinology, 2021, 33, e13025.	2.6	2

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109	Evidence for a Central Site and Mechanism of Action of Growth Hormone Releasing Peptide (GHRP-6). , 1996, , 237-251.		2
110	Rewarding behavior with a sweet food strengthens its valuation. PLoS ONE, 2021, 16, e0242461.	2.5	1
111	Ghrelinâ€™s effects on growth hormone release: to pulse or not to pulse?. Nature Reviews Endocrinology, 2022, 18, 457-457.	9.6	1
112	Ghrelin Antagonism: A Potential Therapeutic Target for Addictive Behaviour Disorders. , 2012, , 181-197.		0
113	393 Role of the Vagus Nerve in the Gut-Brain Axis Revealed by Stimulation and Blockade of the Gastric Vagus Nerve. Gastroenterology, 2013, 144, S-76.	1.3	0
114	Modulation of the sleepâ€“wake cycle by changes in energy balance. Lancet, The, 2016, 387, S28.	13.7	0
115	Ghrelin, a gut-brain signal of importance for food reward. Endocrine Abstracts, 0, , 1-1.	0.0	0
116	Neuroendocrine Control of Growth Hormone Secretion. Growth Hormone, 1999, , 3-15.	0.2	0
117	Hypothalamic Site and Mechanism of Action of Growth Hormone Secretagogues. , 1999, , 79-89.		0