

Bart C De Jonghe

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,991
citations

304743

22
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

2280
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of nausea in food intake and body weight suppression by peripheral GLP-1 receptor agonists, exendin-4 and liraglutide. <i>Neuropharmacology</i> , 2012, 62, 1916-1927.	4.1	215
2	Intracellular Signals Mediating the Food Intake-Suppressive Effects of Hindbrain Glucagon-like Peptide-1 Receptor Activation. <i>Cell Metabolism</i> , 2011, 13, 320-330.	16.2	187
3	PTP1B and SHP2 in POMC neurons reciprocally regulate energy balance in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 720-734.	8.2	172
4	A Neural Circuit for the Suppression of Pain by a Competing Need State. <i>Cell</i> , 2018, 173, 140-152.e15.	28.9	161
5	Role of the glucagon-like-peptide-1 receptor in the control of energy balance. <i>Physiology and Behavior</i> , 2010, 100, 503-510.	2.1	158
6	GDF15 Induces Anorexia through Nausea and Emesis. <i>Cell Metabolism</i> , 2020, 31, 351-362.e5.	16.2	132
7	Glucagon-Like Peptide-1 Receptor Activation in the Ventral Tegmental Area Decreases the Reinforcing Efficacy of Cocaine. <i>Neuropsychopharmacology</i> , 2016, 41, 1917-1928.	5.4	97
8	Incretins and Amylin: Neuroendocrine Communication Between the Gut, Pancreas, and Brain in Control of Food Intake and Blood Glucose. <i>Annual Review of Nutrition</i> , 2014, 34, 237-260.	10.1	73
9	Chemotherapy agent cisplatin induces 48-h Fos expression in the brain of a vomiting species, the house musk shrew (<i>Suncus murinus</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R902-R911.	1.8	64
10	GIP Receptor Agonism Attenuates GLP-1 Receptor Agonist-Induced Nausea and Emesis in Preclinical Models. <i>Diabetes</i> , 2021, 70, 2545-2553.	0.6	59
11	Deficiency of PTP1B in Leptin Receptor-Expressing Neurons Leads to Decreased Body Weight and Adiposity in Mice. <i>Endocrinology</i> , 2012, 153, 4227-4237.	2.8	58
12	Chemotherapy-induced pica and anorexia are reduced by common hepatic branch vagotomy in the rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R756-R765.	1.8	54
13	GDF15 Induces an Aversive Visceral Malaise State that Drives Anorexia and Weight Loss. <i>Cell Reports</i> , 2020, 31, 107543.	6.4	53
14	Pica as an adaptive response: Kaolin consumption helps rats recover from chemotherapy-induced illness. <i>Physiology and Behavior</i> , 2009, 97, 87-90.	2.1	52
15	Melanocortin control of energy balance: evidence from rodent models. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2569-2588.	5.4	41
16	Excitatory Hindbrain-Forebrain Communication Is Required for Cisplatin-Induced Anorexia and Weight Loss. <i>Journal of Neuroscience</i> , 2017, 37, 362-370.	3.6	35
17	Glutamate Receptors in the Central Nucleus of the Amygdala Mediate Cisplatin-Induced Malaise and Energy Balance Dysregulation through Direct Hindbrain Projections. <i>Journal of Neuroscience</i> , 2015, 35, 11094-11104.	3.6	31
18	Deficiency of PTP1B in POMC neurons leads to alterations in energy balance and homeostatic response to cold exposure. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E1002-E1011.	3.5	29

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19	Food intake reductions and increases in energetic responses by hindbrain leptin and melanotan II are enhanced in mice with POMC-specific PTP1B deficiency. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E644-E651.	3.5	28
20	Hindbrain GLP-1 receptor mediation of cisplatin-induced anorexia and nausea. <i>Physiology and Behavior</i> , 2016, 153, 109-114.	2.1	25
21	A vitamin B12 conjugate of exendinâ€4 improves glucose tolerance without associated nausea or hypophagia in rodents. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1223-1234.	4.4	25
22	Dopamine D2 receptors contribute to increased avidity for sucrose in obese rats lacking CCK-1 receptors. <i>Neuroscience</i> , 2007, 148, 584-592.	2.3	24
23	Ablation of intact hypothalamic and/or hindbrain TrkB signaling leads to perturbations in energy balance. <i>Molecular Metabolism</i> , 2015, 4, 867-880.	6.5	23
24	The Role of GIP in the Regulation of GLP-1 Satiety and Nausea. <i>Diabetes</i> , 2021, 70, 1956-1961.	0.6	22
25	Design and Evaluation of Peptide Dual-Agonists of GLP-1 and NPY2 Receptors for Glucoregulation and Weight Loss with Mitigated Nausea and Emesis. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1127-1138.	6.4	21
26	Hypophagia induced by hindbrain serotonin is mediated through central GLP-1 signaling and involves 5-HT2C and 5-HT3 receptor activation. <i>Neuropsychopharmacology</i> , 2019, 44, 1742-1751.	5.4	19
27	Glucagonâ€like peptideâ€1 in diabetes care: Can glycaemic control be achieved without nausea and vomiting?. <i>British Journal of Pharmacology</i> , 2022, 179, 542-556.	5.4	19
28	Corrination of a GLP-1 Receptor Agonist for Glycemic Control without Emesis. <i>Cell Reports</i> , 2020, 31, 107768.	6.4	18
29	Growth differentiation factor 15 (<sc>GDF15</sc>) and semaglutide inhibit food intake and body weight through largely distinct, additive mechanisms. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1010-1020.	4.4	14
30	Cisplatin induces neuronal activation and increases central AMPA and NMDA receptor subunit gene expression in mice. <i>Physiology and Behavior</i> , 2014, 136, 79-85.	2.1	13
31	A secondâ€generation glucagonâ€like peptideâ€1 receptor agonist mitigates vomiting and anorexia while retaining glucoregulatory potency in lean diabetic and emetic mammalian models. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1729-1741.	4.4	13
32	Physical activity induced protection against breast cancer risk associated with delayed parity. <i>Physiology and Behavior</i> , 2017, 169, 52-58.	2.1	10
33	Brief intermittent access to sucrose differentially modulates prepulse inhibition and acoustic startle response in obese CCK-1 receptor deficient rats. <i>Brain Research</i> , 2005, 1052, 22-27.	2.2	9
34	Myocardial apoptosis and mesenchymal stem cells with acute exercise. <i>Physiological Reports</i> , 2017, 5, e13297.	1.7	8
35	Examining the Use of Dietary Fiber in Reducing the Risk of Type 2 Diabetes Mellitus in Latino Youth. <i>Journal of Transcultural Nursing</i> , 2014, 25, 249-255.	1.3	7
36	Activation of PPG neurons following acute stressors differentially involves hindbrain serotonin in male rats. <i>Neuropharmacology</i> , 2021, 187, 108477.	4.1	7

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37	Single nuclei RNA sequencing of the rat AP and NTS following GDF15 treatment. <i>Molecular Metabolism</i> , 2022, 56, 101422.	6.5	7
38	Hypophagia induced by salmon calcitonin, but not by amylin, is partially driven by malaise and is mediated by CGRP neurons. <i>Molecular Metabolism</i> , 2022, 58, 101444.	6.5	4
39	Synthesis, Optimization, and Biological Evaluation of Corrinated Conjugates of the GLP-1R Agonist Exendin-4. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3479-3492.	6.4	2
40	The importance of systematic approaches in the study of emesis. <i>Temperature</i> , 2015, 2, 322-323.	3.0	1
41	Excitatory Hindbrain-Forebrain Communication Is Required for Cisplatin-Induced Anorexia and Weight Loss. <i>Journal of Neuroscience</i> , 2017, 37, 362-370.	3.6	1
42	Introduction to the SSIB 2017 Annual Meeting Special Issue. <i>Physiology and Behavior</i> , 2018, 192, 1-2.	2.1	0
43	Cover Image, Volume 20, Issue 5. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, i.	4.4	0
44	Introduction to the SSIB 2018 annual meeting special collection. <i>Physiology and Behavior</i> , 2019, 209, 112594.	2.1	0
45	Olanzapine Administration Reduces Chemotherapy-Induced Nausea Behavior in Rats. <i>Biological Research for Nursing</i> , 2021, 23, 584-595.	1.9	0