Harriet Schellekens

List of Publications by Year
in descending order

75 papers	4,157 citations	185998 28 h-index	128067 60 g-index
75 all docs	75 docs citations	75 times ranked	5447 citing authors

#	Article	IF	Citations
1	Dietary Milk Phospholipids Attenuate Chronic Stressâ€Induced Changes in Behavior and Endocrine Responses across the Lifespan. Molecular Nutrition and Food Research, 2022, 66, e2100665.	1.5	2
2	Blue Whiting (Micromesistius poutassou) Protein Hydrolysates Increase GLP-1 Secretion and Proglucagon Production in STC-1 Cells Whilst Maintaining Caco-2/HT29-MTX Co-Culture Integrity. Marine Drugs, 2022, 20, 112.	2.2	3
3	Short chain fatty acids: Microbial metabolites for gut-brain axis signalling. Molecular and Cellular Endocrinology, 2022, 546, 111572.	1.6	117
4	Microbiota and body weight control: Weight watchers within?. Molecular Metabolism, 2022, 57, 101427.	3.0	25
5	Ghrelin rapidly elevates protein synthesis in vitro by employing the rpS6K-eEF2K-eEF2 signalling axis. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	0
6	Molecular, biochemical and behavioural evidence for a novel oxytocin receptor and serotonin 2C receptor heterocomplex. Neuropharmacology, 2021, 183, 108394.	2.0	19
7	Dietary vitamin A supplementation prevents early obesogenic diet-induced microbiota, neuronal and cognitive alterations. International Journal of Obesity, 2021, 45, 588-598.	1.6	18
8	Bifidobacterium longum counters the effects of obesity: Partial successful translation from rodent to human. EBioMedicine, 2021, 63, 103176.	2.7	64
9	Strain differences in behaviour and immunity in aged mice: Relevance to Autism. Behavioural Brain Research, 2021, 399, 113020.	1.2	12
10	eNEUROANAT-CF: a Conceptual Instructional Design Framework for Neuroanatomy e-Learning Tools. Medical Science Educator, 2021, 31, 777-785.	0.7	2
11	Microbiotaâ€gutâ€brain axis as a regulator of reward processes. Journal of Neurochemistry, 2021, 157, 1495-1524.	2.1	60
12	Gut peptides and the microbiome: focus on ghrelin. Current Opinion in Endocrinology, Diabetes and Obesity, 2021, 28, 243-252.	1.2	36
13	The Role of Central Serotonin Neurons and 5-HT Heteroreceptor Complexes in the Pathophysiology of Depression: A Historical Perspective and Future Prospects. International Journal of Molecular Sciences, 2021, 22, 1927.	1.8	54
14	Diet and the Microbiotaâ€“Gutâ€“Brain Axis: Sowing the Seeds of Good Mental Health. Advances in Nutrition, 2021, 12, 1239-1285.	2.9	125
15	Maternal antibiotic administration during a critical developmental window has enduring neurobehavioural effects in offspring mice. Behavioural Brain Research, 2021, 404, 113156.	1.2	26
16	Assessment of the biological activity of fish muscle protein hydrolysates using in vitro model systems. Food Chemistry, 2021, 359, 129852.	4.2	34
17	Application in medicine: obesity and satiety control. , 2021, , 629-664.		0
18	Evaluation of Neuroanatomy Web Resources for Undergraduate Education: Educatorsâ€™ and Studentsâ€™ Perspectives. Anatomical Sciences Education, 2020, 13, 237-249.	2.5	6

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19	Mid-life microbiota crises: middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome. Molecular Psychiatry, 2020, 25, 2567-2583.	4.1	102
20	Dietary phospholipids: Role in cognitive processes across the lifespan. Neuroscience and Biobehavioral Reviews, 2020, 111, 183-193.	2.9	43
21	A phase 1, single-blind, placebo-controlled, 3-arm cross-over trial assessing the appetite enhancing effects of potentially ghrelinergic dairy-derived peptides. Proceedings of the Nutrition Society, 2020, 79, .	0.4	0
22	Neurobiological effects of phospholipids in vitro: Relevance to stress-related disorders. Neurobiology of Stress, 2020, 13, 100252.	1.9	7
23	Behavioural characterization of ghrelin ligands, anamorelin and HM01: Appetite and reward-motivated effects in rodents. Neuropharmacology, 2020, 168, 108011.	2.0	6
24	Dairy-derived peptides for satiety. Journal of Functional Foods, 2020, 66, 103801.	1.6	30
25	Differential functional selectivity and downstream signaling bias of ghrelin receptor antagonists and inverse agonists. FASEB Journal, 2019, 33, 518-531.	0.2	25
26	Host Microbiota Regulates Central Nervous System Serotonin Receptor 2C Editing in Rodents. ACS Chemical Neuroscience, 2019, 10, 3953-3960.	1.7	8
27	Nutritional psychiatry: Towards improving mental health by what you eat. European Neuropsychopharmacology, 2019, 29, 1321-1332.	0.3	191
28	Shortâ€chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. FASEB Journal, 2019, 33, 13546-13559.	0.2	93
29	Attenuation of Oxytocin and Serotonin 2A Receptor Signaling through Novel Heteroreceptor Formation. ACS Chemical Neuroscience, 2019, 10, 3225-3240.	1.7	22
30	Differential gene expression in the mesocorticolimbic system of innately high- and low-impulsive rats. Behavioural Brain Research, 2019, 364, 193-204.	1.2	10
31	A ghrelin receptor and oxytocin receptor heterocomplex impairs oxytocin mediated signalling. Neuropharmacology, 2019, 152, 90-101.	2.0	37
32	A casein hydrolysate increases GLP-1 secretion and reduces food intake. Food Chemistry, 2018, 252, 303-310.	4.2	28
33	Understanding neurophobia: Reasons behind impaired understanding and learning of neuroanatomy in crossâ€disciplinary healthcare students. Anatomical Sciences Education, 2018, 11, 81-93.	2.5	72
34	Physiological Gut Oxygenation Alters GLPâ€1 Secretion from the Enteroendocrine Cell Line STCâ€1. Molecular Nutrition and Food Research, 2018, 62, 1700568.	1.5	10
35	Sustained-release multiparticulates for oral delivery of a novel peptidic ghrelin agonist: Formulation design and in vitro characterization. International Journal of Pharmaceutics, 2018, 536, 63-72.	2.6	14
36	Anxiety, Depression, and the Microbiome: A Role for Gut Peptides. Neurotherapeutics, 2018, 15, 36-59.	2.1	358

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37	A Dairy-Derived Ghrelinergic Hydrolysate Modulates Food Intake In Vivo. International Journal of Molecular Sciences, 2018, 19, 2780.	1.8	5
38	Satiating effect of a sodium caseinate hydrolysate and its fate in the upper gastrointestinal tract. Journal of Functional Foods, 2018, 49, 306-313.	1.6	5
39	Irish Cheddar cheese increases glucagon-like peptide-1 secretion in vitro but bioactivity is lost during gut transit. Food Chemistry, 2018, 265, 9-17.	4.2	7
40	Detection and Quantitative Analysis of Dynamic GPCRs Interactions Using Flow Cytometry-Based FRET. Neuromethods, 2018, , 223-238.	0.2	3
41	Quinolones Modulate Ghrelin Receptor Signaling: Potential for a Novel Small Molecule Scaffold in the Treatment of Cachexia. International Journal of Molecular Sciences, 2018, 19, 1605.	1.8	10
42	A Microbial Drugstore for Motility. Cell Host and Microbe, 2018, 23, 691-692.	5.1	29
43	Detection, Analysis, and Quantification of GPCR Homo- and Heteroreceptor Complexes in Specific Neuronal Cell Populations Using the In Situ Proximity Ligation Assay. Neuromethods, 2018, , 299-315.	0.2	3
44	Aroma compound diacetyl suppresses glucagon-like peptide-1 production and secretion in STC-1 cells. Food Chemistry, 2017, 228, 35-42.	4.2	6
45	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. Journal of Nutrition, 2017, 147, 727-745.	1.3	280
46	Letter to the Editor Regarding Equivalent Increases in Circulating GLP-1 Following Jejunal Delivery of Intact and Hydrolysed Casein: Relevance to Satiety Induction following Bariatric Surgery. Obesity Surgery, 2017, 27, 816-817.	1.1	1
47	The microbiotaâ€“gutâ€“brain axis in obesity. The Lancet Gastroenterology and Hepatology, 2017, 2, 747-756.	3.7	408
48	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. Translational Research, 2017, 179, 223-244.	2.2	351
49	Electrophysiological approaches to unravel the neurobiological basis of appetite and satiety: use of the multielectrode array as a screening strategy. Drug Discovery Today, 2017, 22, 31-42.	3.2	5
50	From Belly to Brain: Targeting the Ghrelin Receptor in Appetite and Food Intake Regulation. International Journal of Molecular Sciences, 2017, 18, 273.	1.8	112
51	A Novel Non-Peptidic Agonist of the Ghrelin Receptor with Orexigenic Activity In vivo. Scientific Reports, 2016, 6, 36456.	1.6	10
52	In vitro bidirectional permeability studies identify pharmacokinetic limitations of NKCC1 inhibitor bumetanide. European Journal of Pharmacology, 2016, 770, 117-125.	1.7	17
53	Compared to casein, bovine lactoferrin reduces plasma leptin and corticosterone and affects hypothalamic gene expression without altering weight gain or fat mass in high fat diet fed C57/BL6J mice. Nutrition and Metabolism, 2015, 12, 53.	1.3	15
54	Ghrelinâ€™s Orexigenic Effect Is Modulated via a Serotonin 2C Receptor Interaction. ACS Chemical Neuroscience, 2015, 6, 1186-1197.	1.7	98

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55	Poor Awareness of Risk Factors for Cancer in Irish Adults: Results of a Large Survey and Review of the Literature. Oncologist, 2015, 20, 372-378.	1.9	53
56	A natural solution for obesity: Bioactives for the prevention and treatment of weight gain. A review. Nutritional Neuroscience, 2015, 18, 49-65.	1.5	113
57	Milk protein-derived peptides induce 5-HT2C-mediated satiety inÂvivo. International Dairy Journal, 2014, 38, 55-64.	1.5	15
58	The Ghrelin Receptor: A Novel Therapeutic Target for Obesity. Receptors, 2014, , 89-122.	0.2	2
59	Devil's Claw to Suppress Appetiteâ€"Ghrelin Receptor Modulation Potential of a Harpagophytum procumbens Root Extract. PLoS ONE, 2014, 9, e103118.	1.1	15
60	Semagacestat, a Î³-secretase inhibitor, activates the growth hormone secretagogue (GHS-R1a) receptor. Journal of Pharmacy and Pharmacology, 2013, 65, 528-538.	1.2	13
61	Milk protein hydrolysates activate 5-HT2C serotonin receptors: influence of the starting substrate and isolation of bioactive fractions. Food and Function, 2013, 4, 728.	2.1	15
62	Promiscuous Dimerization of the Growth Hormone Secretagogue Receptor (GHS-R1a) Attenuates Ghrelin-mediated Signaling. Journal of Biological Chemistry, 2013, 288, 181-191.	1.6	123
63	Whey protein isolate counteracts the effects of a high-fat diet on energy intake and hypothalamic and adipose tissue expression of energy balance-related genes. British Journal of Nutrition, 2013, 110, 2114-2126.	1.2	34
64	Ghrelin At the Interface of Obesity and Reward. Vitamins and Hormones, 2013, 91, 285-323.	0.7	33
65	Taking two to tango: a role for ghrelin receptor heterodimerization in stress and reward. Frontiers in Neuroscience, 2013, 7, 148.	1.4	74
66	Dimerization of Gâ€protein coupled Receptors (GPCRs) in Appetite Regulation and Food Reward. FASEB Journal, 2013, 27, 881.3.	0.2	0
67	The effect of Î±- or Î²-casein addition to waxy maize starch on postprandial levels of glucose, insulin, and incretin hormones in pigs as a model for humans. Food and Nutrition Research, 2012, 56, 7989.	1.2	10
68	Effect of gelatinisation of starch with casein proteins on incretin hormones and glucose transporters in vitro. British Journal of Nutrition, 2012, 107, 155-163.	1.2	5
69	Ghrelin signalling and obesity: At the interface of stress, mood and food reward. , 2012, 135, 316-326.		194
70	The effects of food components on hormonal signalling in gastrointestinal enteroendocrine cells. Food and Function, 2012, 3, 1131.	2.1	20
71	Gender-dependent consequences of chronic olanzapine in the rat: effects on body weight, inflammatory, metabolic and microbiota parameters. Psychopharmacology, 2012, 221, 155-169.	1.5	231
72	Dynamic 5-HT2C Receptor Editing in a Mouse Model of Obesity. PLoS ONE, 2012, 7, e32266.	1.1	29

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73	Is there altered sensitivity to ghrelin-receptor ligands in leptin-deficient mice?: importance of satiety state and time of day. Psychopharmacology, 2011, 216, 421-429.	1.5	19
74	Acute and chronic effects of dietary fatty acids on cholecystokinin expression, storage and secretion in enteroendocrine STCâ€1 cells. Molecular Nutrition and Food Research, 2010, 54, S93-S103.	1.5	32
75	Lean mean fat reducing â€œghrelinâ€•machine: Hypothalamic ghrelin and ghrelin receptors as therapeutic targets in obesity. Neuropharmacology, 2010, 58, 2-16.	2.0	103