Pierre Larraufie

List of Publications by Year
in descending order

32	1,940	361413	414414
papers	citations	20 h-index	32 g-index

36	36	36	2362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SCFA: mechanisms and functional importance in the gut. Proceedings of the Nutrition Society, 2021, 80, 37-49.	1.0	498
2	SCFAs strongly stimulate PYY production in human enteroendocrine cells. Scientific Reports, 2018, 8, 74.	3.3	262
3	Important Role of the GLP-1 Axis for Glucose Homeostasis after Bariatric Surgery. Cell Reports, 2019, 26, 1399-1408.e6.	6.4	121
4	Comparison of Human and Murine Enteroendocrine Cells by Transcriptomic and Peptidomic Profiling. Diabetes, 2019, 68, 1062-1072.	0.6	100
5	Rab35 GTPase Triggers Switch-like Recruitment of the Lowe Syndrome Lipid Phosphatase OCRL on Newborn Endosomes. Current Biology, 2016, 26, 120-128.	3.9	84
6	Single cell transcriptomic profiling of large intestinal enteroendocrine cells in mice â€“ Identification of selective stimuli for insulin-like peptide-5 and glucagon-like peptide-1 co-expressing cells. Molecular Metabolism, 2019, 29, 158-169.	6.5	77
7	Butyrate Produced by Commensal Bacteria Down-Regulates Indolamine 2,3-Dioxygenase 1 (IDO-1) Expression via a Dual Mechanism in Human Intestinal Epithelial Cells. Frontiers in Immunology, 2018, 9, 2838.	4.8	74
8	TLR ligands and butyrate increasePyyexpression through two distinct but inter-regulated pathways. Cellular Microbiology, 2017, 19, e12648.	2.1	71
9	Single-cell RNA-sequencing reveals a distinct population of proglucagon-expressing cells specific to the mouse upper small intestine. Molecular Metabolism, 2017, 6, 1296-1303.	6.5	68
10	PYY plays a key role in the resolution of diabetes following bariatric surgery in humans. EBioMedicine, 2019, 40, 67-76.	6.1	65
11	Production of hydrogen sulfide by the intestinal microbiota and epithelial cells and consequences for the colonic and rectal mucosa. American Journal of Physiology - Renal Physiology, 2021, 320, G125-G135.	3.4	58
12	Inhibition of mitochondrial function by metformin increases glucose uptake, glycolysis and GDF-15 release from intestinal cells. Scientific Reports, 2021, 11, 2529.	3.3	52
13	Chylomicrons stimulate incretin secretion in mouse and human cells. Diabetologia, 2017, 60, 2475-2485.	6.3	47
14	Mechanistic insights into the detection of free fatty and bile acids by ileal glucagon-like peptide-1 secreting cells. Molecular Metabolism, 2018, 7, 90-101.	6.5	46
15	Co-storage and release of insulin-like peptide-5, glucagon-like peptide-1 and peptideYY from murine and human colonic enteroendocrine cells. Molecular Metabolism, 2018, 16, 65-75.	6.5	45
16	Fructose malabsorption induces cholecystokinin expression in the ileum and cecum by changing microbiota composition and metabolism. FASEB Journal, 2019, 33, 7126-7142.	0.5	36
17	The SNARE Protein Syntaxin-1a Plays an Essential Role in Biphasic Exocytosis of the Incretin Hormone Glucagon-Like Peptide 1. Diabetes, 2017, 66, 2327-2338.	0.6	30
18	Liquid chromatography/mass spectrometry based detection and semiâ€quantitative analysis of INSL5 in human and murine tissues. Rapid Communications in Mass Spectrometry, 2017, 31, 1963-1973.	1.5	26

#	Article	IF	Citations
19	Angiotensin II Type 1 Receptor-Dependent GLP-1 and PYY Secretion in Mice and Humans. Endocrinology, 2016, 157, 3821-3831.	2.8	25
20	Secretin release after Roux-en-Y gastric bypass reveals a population of glucose-sensitive S cells in distal small intestine. International Journal of Obesity, 2020, 44, 1859-1871.	3.4	25
21	Quantitative mass spectrometry for human melanocortin peptides inÂvitro and inÂvivo suggests prominent roles for Î²-MSH and desacetyl Î±-MSH in energy homeostasis. Molecular Metabolism, 2018, 17, 82-97.	6.5	21
22	Suppression of enteroendocrine cell glucagon-like peptide (GLP)-1 release by fat-induced small intestinal ketogenesis: a mechanism targeted by Roux-en-Y gastric bypass surgery but not by preoperative very-low-calorie diet. Gut, 2020, 69, 1423-1431.	12.1	19
23	Functional metagenomics to decipher foodâ€“microbeâ€“host crosstalk. Proceedings of the Nutrition Society, 2015, 74, 1-4.	1.0	15
24	Abcc5 Knockout Mice Have Lower Fat Mass and Increased Levels of Circulating GLPâ€1. Obesity, 2019, 27, 1292-1304.	3.0	11
25	The Human and Mouse Islet Peptidome: Effects of Obesity and Type 2 Diabetes, and Assessment of Intraislet Production of Glucagon-like Peptide-1. Journal of Proteome Research, 2021, 20, 4507-4517.	3.7	11
26	Stimulation of motilin secretion by bile, free fatty acids, and acidification in human duodenal organoids. Molecular Metabolism, 2021, 54, 101356.	6.5	10
27	Characterisation of proguanylin expressing cells in the intestine â€“ evidence for constitutive luminal secretion. Scientific Reports, 2019, 9, 15574.	3.3	8
28	Ghrelin Does Not Directly Stimulate Secretion of Glucagon-like Peptide-1. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 266-275.	3.6	8
29	Acipimox Acutely Increases GLP-1 Concentrations in Overweight Subjects and Hypopituitary Patients. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2581-2592.	3.6	7
30	Peptidomics of enteroendocrine cells and characterisation of potential effects of a novel preprogastrin derived-peptide on glucose tolerance in lean mice. Peptides, 2021, 140, 170532.	2.4	7
31	Organoid Sample Preparation and Extraction for LC-MS Peptidomics. STAR Protocols, 2020, 1, 100164.	1.2	5
32	Murine neuronatin deficiency is associated with a hypervariable food intake and bimodal obesity. Scientific Reports, 2021, 11, 17571.	3.3	5