Maude Le Gall

List of Publications by Year
in descending order

59 papers	2,913 citations	185998 28 h-index	168136 53 g-index
62 all docs	62 docs citations	62 times ranked	4519 citing authors

#	Article	IF	Citations
1	Impaired Aryl Hydrocarbon Receptor Ligand Production by the Gut Microbiota Is a Key Factor in Metabolic Syndrome. Cell Metabolism, 2018, 28, 737-749.e4.	7.2	356
2	GLUT2 mutations, translocation, and receptor function in diet sugar managing. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E985-E992.	1.8	185
3	Signaling angiogenesis via p42/p44 MAP kinase and hypoxia. Biochemical Pharmacology, 2000, 60, 1171-1178.	2.0	184
4	Differences in Alimentary Glucose Absorption and Intestinal Disposal of Blood Glucose After Roux-en-Y Gastric Bypass vs Sleeve Gastrectomy. Gastroenterology, 2016, 150, 454-464.e9.	0.6	171
5	The p42/p44 MAP Kinase Pathway Prevents Apoptosis Induced by Anchorage and Serum Removal. Molecular Biology of the Cell, 2000, 11, 1103-1112.	0.9	166
6	ABCB6 is dispensable for erythropoiesis and specifies the new blood group system Langereis. Nature Genetics, 2012, 44, 170-173.	9.4	127
7	GLUT2 Accumulation in Enterocyte Apical and Intracellular Membranes. Diabetes, 2011, 60, 2598-2607.	0.3	122
8	Insulin Internalizes GLUT2 in the Enterocytes of Healthy but Not Insulin-Resistant Mice. Diabetes, 2008, 57, 555-562.	0.3	99
9	The cyclin-dependent kinase Cdk5 controls multiple aspects of axon patterning in vivo. Current Biology, 2000, 10, 599-603.	1.8	79
10	Papel del GLUT2 en la utilizaciÃ³n de los azÃºcares de la dieta (minirrevisiÃ³n). Journal of Physiology and Biochemistry, 2005, 61, 529-537.	1.3	79
11	Molecular separation of two signaling pathways for the receptor, Notch. Developmental Biology, 2008, 313, 556-567.	0.9	78
12	Green tea decoction improves glucose tolerance and reduces weight gain of rats fed normal and high-fat diet. Journal of Nutritional Biochemistry, 2014, 25, 557-564.	1.9	75
13	Notch Steers Drosophila ISNb Motor Axons by Regulating the Abl Signaling Pathway. Current Biology, 2003, 13, 967-972.	1.8	70
14	Detection of extracellular glucose by GLUT2 contributes to hypothalamic control of food intake. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1078-E1087.	1.8	69
15	Malabsorption and intestinal adaptation after one anastomosis gastric bypass compared with Roux-en-Y gastric bypass in rats. American Journal of Physiology - Renal Physiology, 2016, 311, G492-G500.	1.6	62
16	The Mouse p44 Mitogen-activated Protein Kinase (Extracellular Signal-regulated Kinase 1) Gene. Journal of Biological Chemistry, 1995, 270, 26986-26992.	1.6	61
17	Inhibition of monoacylglycerol lipase, an anti-inflammatory and antifibrogenic strategy in the liver. Gut, 2019, 68, 522-532.	6.1	59
18	Sugar sensing by enterocytes combines polarity, membrane bound detectors and sugar metabolism. Journal of Cellular Physiology, 2007, 213, 834-843.	2.0	58

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19	An anchorage-dependent signal distinct from p42/44 MAP kinase activation is required for cell cycle progression. Oncogene, 1998, 17, 1271-1277.	2.6	51
20	Intestinal invalidation of the glucose transporter GLUT2 delays tissue distribution of glucose and reveals an unexpected role in gut homeostasis. Molecular Metabolism, 2017, 6, 61-72.	3.0	51
21	Disruption of SMIM1 causes the Velâ^' blood type. EMBO Molecular Medicine, 2013, 5, 751-761.	3.3	50
22	Prevention and treatment of nutritional complications after bariatric surgery. The Lancet Gastroenterology and Hepatology, 2021, 6, 238-251.	3.7	40
23	Long-Term Evaluation of Biliary Reflux After Experimental One-Anastomosis Gastric Bypass in Rats. Obesity Surgery, 2017, 27, 1119-1122.	1.1	35
24	Lipid-rich diet enhances L-cell density in obese subjects and in mice through improved L-cell differentiation. Journal of Nutritional Science, 2015, 4, e22.	0.7	34
25	Loss of Sugar Detection by GLUT2 Affects Glucose Homeostasis in Mice. PLoS ONE, 2007, 2, e1288.	1.1	33
26	Enhanced Ghrelin Levels and Hypothalamic Orexigenic AgRP and NPY Neuropeptide Expression in Models of Jejuno-Colonic Short Bowel Syndrome. Scientific Reports, 2016, 6, 28345.	1.6	32
27	Endocannabinoid Receptor-1 and Sympathetic Nervous System Mediate the Beneficial Metabolic Effects of Gastric Bypass. Cell Reports, 2020, 33, 108270.	2.9	31
28	Intestinal deletion of leptin signaling alters activity of nutrient transporters and delayed the onset of obesity in mice. FASEB Journal, 2014, 28, 4100-4110.	0.2	29
29	Bariatric surgery induces a new gastric mucosa phenotype with increased functional glucagon-like peptide-1 expressing cells. Nature Communications, 2021, 12, 110.	5.8	27
30	Overexpression of gastric leptin precedes adipocyte leptin during high-fat diet and is linked to 5HT-containing enterochromaffin cells. International Journal of Obesity, 2014, 38, 1357-1364.	1.6	26
31	Tea decoctions prevent body weight gain in rats fed high-fat diet; black tea being more efficient than green tea. Journal of Nutrition & Intermediary Metabolism, 2016, 6, 33-40.	1.7	26
32	Intestinal Adaptations after Bariatric Surgery: Consequences on Glucose Homeostasis. Trends in Endocrinology and Metabolism, 2017, 28, 354-364.	3.1	26
33	Acid Reflux Is Common in Patients With Gastroesophageal Reflux Disease After One-Anastomosis Gastric Bypass. Obesity Surgery, 2021, 31, 4717-4723.	1.1	22
34	Circulating bile acids concentration is predictive of coronary artery disease in human. Scientific Reports, 2021, 11, 22661.	1.6	22
35	Mutations in SLC2A2 Gene Reveal hGLUT2 Function in Pancreatic Î² Cell Development. Journal of Biological Chemistry, 2013, 288, 31080-31092.	1.6	21
36	Remodeling of the Residual Gastric Mucosa after Roux-En-Y Gastric Bypass or Vertical Sleeve Gastrectomy in Diet-Induced Obese Rats. PLoS ONE, 2015, 10, e0121414.	1.1	21

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37	Identification of Two Binding Regions for the Suppressor of Hairless Protein within the Intracellular Domain of Drosophila Notch. Journal of Biological Chemistry, 2004, 279, 29418-29426.	1.6	20
38	Short Bowel Syndrome: A Paradigm for Intestinal Adaptation to Nutrition?. Annual Review of Nutrition, 2020, 40, 299-321.	4.3	20
39	Roux-en-Y Gastric-Bypass and sleeve gastrectomy induces specific shifts of the gut microbiota without altering the metabolism of bile acids in the intestinal lumen. International Journal of Obesity, 2019, 43, 428-431.	1.6	19
40	Obesity-induced pancreatopathy in rats is reversible after bariatric surgery. Scientific Reports, 2018, 8, 16295.	1.6	18
41	Carbohydrate Intake. Progress in Molecular Biology and Translational Science, 2012, 108, 113-127.	0.9	17
42	Neuromedin U is a gut peptide that alters oral glucose tolerance by delaying gastric emptying via direct contraction of the pylorus and vagalâ€dependent mechanisms. FASEB Journal, 2019, 33, 5377-5388.	0.2	16
43	C3P3-G1: first generation of a eukaryotic artificial cytoplasmic expression system. Nucleic Acids Research, 2019, 47, 2681-2698.	6.5	15
44	Intestinal plasticity in response to nutrition and gastrointestinal surgery. Nutrition Reviews, 2019, 77, 129-143.	2.6	15
45	Effect of different bariatric surgeries on dietary protein bioavailability in rats. American Journal of Physiology - Renal Physiology, 2019, 317, G592-G601.	1.6	14
46	Intestinal Glucose-dependent Expression of Glucose-6-phosphatase. Journal of Biological Chemistry, 2005, 280, 20094-20101.	1.6	13
47	Do Preoperative Esophageal pH Monitoring and High-Resolution Manometry Predict Symptoms of GERD After Sleeve Gastrectomy?. Obesity Surgery, 2021, 31, 3490-3497.	1.1	12
48	One-Anastomosis Gastric Bypass Revision for Gastroesophageal Reflux Disease: Long Versus Short Biliopancreatic Limb Roux-en-Y Gastric Bypass. Obesity Surgery, 2022, 32, 970-978.	1.1	12
49	Gastric bypass specifically impairs liver parameters as compared with sleeve gastrectomy, independently of evolution of metabolic disorders. Surgery for Obesity and Related Diseases, 2019, 15, 220-226.	1.0	10
50	Adhesion-dependent control of Akt/protein kinase B occurs at multiple levels. Journal of Cellular Physiology, 2003, 196, 98-104.	2.0	7
51	Long-term consequences of one anastomosis gastric bypass on esogastric mucosa in a preclinical rat model. Scientific Reports, 2020, 10, 7393.	1.6	7
52	Similar Gut Hormone Secretions Two Years After One Anastomosis Gastric Bypass and Roux-en-Y Gastric Bypass: a Pilot Study. Obesity Surgery, 2022, 32, 757-762.	1.1	6
53	Intestinal adaptations following bariatric surgery: towards the identification of new pharmacological targets for obesity-related metabolic diseases. Current Opinion in Pharmacology, 2017, 37, 29-34.	1.7	5
54	One-anastomosis Gastric Bypass (OAGB) in Rats. Journal of Visualized Experiments, 2018, , .	0.2	5

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55	Mo1990 Intestinal Lepr-B Specific Signalling Is Required for Full Expression and Activity of Sugar Transporters. Gastroenterology, 2013, 144, S-712.	0.6	1
56	Reply. Gastroenterology, 2016, 151, 211.	0.6	1
57	Monoacylglycerol lipase reprograms lipid metabolism in macrophages and hepatocytes to promote liver regeneration. Journal of Hepatology, 2020, 73, S19-S20.	1.8	1
58	Lesions of pancreatitis in obese rats decrease after bariatric surgery. Pancreatology, 2015, 15, S14-S15.	0.5	0
59	PlasticitÃ© des cellules intestinalesÂ: nature et fonction. Cahiers De Nutrition Et De Dietetique, 2017, 52, 320-328.	0.2	0