

# Philippe Gual

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85  
papers

8,536  
citations

39  
h-index

92  
g-index

99  
ext. papers

9,592  
ext. citations

5.8  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
85	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.	14.2	2783
84	Positive and negative regulation of insulin signaling through IRS-1 phosphorylation. <i>Biochimie</i> , <b>2005</b> , 87, 99-109	4.6	646
83	Increased adipose tissue expression of hepcidin in severe obesity is independent from diabetes and NASH. <i>Gastroenterology</i> , <b>2006</b> , 131, 788-96	13.3	365
82	M2 Kupffer cells promote M1 Kupffer cell apoptosis: a protective mechanism against alcoholic and nonalcoholic fatty liver disease. <i>Hepatology</i> , <b>2014</b> , 59, 130-42	11.2	336
81	C3H/HeJ mice carrying a toll-like receptor 4 mutation are protected against the development of insulin resistance in white adipose tissue in response to a high-fat diet. <i>Diabetologia</i> , <b>2007</b> , 50, 1267-76	10.3	278
80	Identification of adipose tissue dendritic cells correlated with obesity-associated insulin-resistance and inducing Th17 responses in mice and patients. <i>Diabetes</i> , <b>2012</b> , 61, 2238-47	0.9	250
79	Reduced activation of phosphatidylinositol-3 kinase and increased serine 636 phosphorylation of insulin receptor substrate-1 in primary culture of skeletal muscle cells from patients with type 2 diabetes. <i>Diabetes</i> , <b>2003</b> , 52, 1319-25	0.9	241
78	ER stress induces NLRP3 inflammasome activation and hepatocyte death. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1879	9.8	204
77	Hepatic expression patterns of inflammatory and immune response genes associated with obesity and NASH in morbidly obese patients. <i>PLoS ONE</i> , <b>2010</b> , 5, e13577	3.7	159
76	Cannabinoid CB2 receptor potentiates obesity-associated inflammation, insulin resistance and hepatic steatosis. <i>PLoS ONE</i> , <b>2009</b> , 4, e5844	3.7	158
75	HMGA2 is the partner of MDM2 in well-differentiated and dedifferentiated liposarcomas whereas CDK4 belongs to a distinct inconsistent amplicon. <i>International Journal of Cancer</i> , <b>2008</b> , 122, 2233-41	7.5	153
74	Sustained recruitment of phospholipase C-gamma to Gab1 is required for HGF-induced branching tubulogenesis. <i>Oncogene</i> , <b>2000</b> , 19, 1509-18	9.2	145
73	Obesity-dependent metabolic signatures associated with nonalcoholic fatty liver disease progression. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 2521-32	5.6	137
72	The inflammatory C-reactive protein is increased in both liver and adipose tissue in severely obese patients independently from metabolic syndrome, Type 2 diabetes, and NASH. <i>American Journal of Gastroenterology</i> , <b>2006</b> , 101, 1824-33	0.7	137
71	Liquid chromatography-mass spectrometry-based parallel metabolic profiling of human and mouse model serum reveals putative biomarkers associated with the progression of nonalcoholic fatty liver disease. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 4501-12	5.6	119
70	MAP kinases and mTOR mediate insulin-induced phosphorylation of insulin receptor substrate-1 on serine residues 307, 612 and 632. <i>Diabetologia</i> , <b>2003</b> , 46, 1532-42	10.3	119
69	Compounds Triggering ER Stress Exert Anti-Melanoma Effects and Overcome BRAF Inhibitor Resistance. <i>Cancer Cell</i> , <b>2016</b> , 29, 805-819	24.3	110

68	Elevated expression of osteopontin may be related to adipose tissue macrophage accumulation and liver steatosis in morbid obesity. <i>Diabetes</i> , <b>2009</b> , 58, 125-33	0.9	108
67	Regular coffee but not espresso drinking is protective against fibrosis in a cohort mainly composed of morbidly obese European women with NAFLD undergoing bariatric surgery. <i>Journal of Hepatology</i> , <b>2012</b> , 57, 1090-6	13.4	106
66	A new composite model including metabolic syndrome, alanine aminotransferase and cytokeratin-18 for the diagnosis of non-alcoholic steatohepatitis in morbidly obese patients. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2010</b> , 32, 1315-22	6.1	101
65	Metabolism dysregulation induces a specific lipid signature of nonalcoholic steatohepatitis in patients. <i>Scientific Reports</i> , <b>2017</b> , 7, 46658	4.9	99
64	Interaction of Janus kinases JAK-1 and JAK-2 with the insulin receptor and the insulin-like growth factor-1 receptor. <i>Endocrinology</i> , <b>1998</b> , 139, 884-93	4.8	98
63	Autophagy and non-alcoholic fatty liver disease. <i>BioMed Research International</i> , <b>2014</b> , 2014, 120179	3	81
62	Differential effects of IRS1 phosphorylated on Ser307 or Ser632 in the induction of insulin resistance by oxidative stress. <i>Diabetologia</i> , <b>2006</b> , 49, 2463-73	10.3	69
61	C-reactive protein levels in relation to various features of non-alcoholic fatty liver disease among obese patients. <i>Journal of Hepatology</i> , <b>2011</b> , 55, 660-665	13.4	68
60	Visceral Adipose Tissue Drives Cardiac Aging Through Modulation of Fibroblast Senescence by Osteopontin Production. <i>Circulation</i> , <b>2018</b> , 138, 809-822	16.7	63
59	The osteopontin level in liver, adipose tissue and serum is correlated with fibrosis in patients with alcoholic liver disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e35612	3.7	61
58	Postnatal soluble FGFR3 therapy rescues achondroplasia symptoms and restores bone growth in mice. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 203ra124	17.5	61
57	CD44 is a key player in non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , <b>2017</b> , 67, 328-338	13.4	60
56	Autophagy, signaling and obesity. <i>Pharmacological Research</i> , <b>2012</b> , 66, 513-25	10.2	58
55	Bariatric surgery can correct iron depletion in morbidly obese women: a link with chronic inflammation. <i>Obesity Surgery</i> , <b>2008</b> , 18, 709-14	3.7	58
54	Hyperosmotic stress inhibits insulin receptor substrate-1 function by distinct mechanisms in 3T3-L1 adipocytes. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 26550-7	5.4	58
53	Serum markers of hepatocyte death and apoptosis are non invasive biomarkers of severe fibrosis in patients with alcoholic liver disease. <i>PLoS ONE</i> , <b>2011</b> , 6, e17599	3.7	49
52	Tpl2 kinase is upregulated in adipose tissue in obesity and may mediate interleukin-1beta and tumor necrosis factor- $\alpha$ effects on extracellular signal-regulated kinase activation and lipolysis. <i>Diabetes</i> , <b>2010</b> , 59, 61-70	0.9	49
51	Bax inhibitor-1 protects from nonalcoholic steatohepatitis by limiting inositol-requiring enzyme 1 alpha signaling in mice. <i>Hepatology</i> , <b>2018</b> , 68, 515-532	11.2	45

50	Involvement of TNF-alpha in abnormal adipocyte and muscle sortilin expression in obese mice and humans. <i>Diabetologia</i> , <b>2009</b> , 52, 932-40	10.3	44
49	Autophagy in chronic liver diseases: the two faces of Janus. <i>American Journal of Physiology - Cell Physiology</i> , <b>2017</b> , 312, C263-C273	5.4	41
48	Impact of laparoscopic Roux-en-Y gastric bypass on metabolic syndrome, inflammation, and insulin resistance in super versus morbidly obese women. <i>Obesity Surgery</i> , <b>2009</b> , 19, 577-82	3.7	40
47	Gab1 phosphorylation: a novel mechanism for negative regulation of HGF receptor signaling. <i>Oncogene</i> , <b>2001</b> , 20, 156-66	9.2	39
46	Low Levels of 25-Hydroxy Vitamin D are Independently Associated with the Risk of Bacterial Infection in Cirrhotic Patients. <i>Clinical and Translational Gastroenterology</i> , <b>2014</b> , 5, e56	4.2	33
45	Osteopontin deficiency aggravates hepatic injury induced by ischemia-reperfusion in mice. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1208	9.8	32
44	Hepatocyte growth factor induces glucose uptake in 3T3-L1 adipocytes through A Gab1/phosphatidylinositol 3-kinase/Glut4 pathway. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 10325-32	5.4	32
43	Screening for therapeutic trials and treatment indication in clinical practice: MACK-3, a new blood test for the diagnosis of fibrotic NASH. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2018</b> , 47, 1387-1396	6.1	31
42	Body composition, anthropometrics, energy expenditure, systemic inflammation, in premenopausal women 1 year after laparoscopic Roux-en-Y gastric bypass. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2014</b> , 28, 500-7	5.2	31
41	Defects in mitophagy promote redox-driven metabolic syndrome in the absence of TP53INP1. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 802-18	12	30
40	Hemojuvelin: a new link between obesity and iron homeostasis. <i>Obesity</i> , <b>2011</b> , 19, 1545-51	8	29
39	Rab4b is a small GTPase involved in the control of the glucose transporter GLUT4 localization in adipocyte. <i>PLoS ONE</i> , <b>2009</b> , 4, e5257	3.7	29
38	Natural Killer Cells and Type 1 Innate Lymphoid Cells Are New Actors in Non-alcoholic Fatty Liver Disease. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1192	8.4	27
37	A Crk-II/TC10 signaling pathway is required for osmotic shock-stimulated glucose transport. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 43980-6	5.4	26
36	Enigma interacts with adaptor protein with PH and SH2 domains to control insulin-induced actin cytoskeleton remodeling and glucose transporter 4 translocation. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 2864-75		24
35	Non-alcoholic steatohepatitis in morbidly obese patients. <i>Clinics and Research in Hepatology and Gastroenterology</i> , <b>2013</b> , 37, 17-29	2.4	23
34	Hematopoietic IKBKE limits the chronicity of inflammasome priming and metaflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 506-11	11.5	22
33	MET(PRC) mutations in the Ron receptor result in upregulation of tyrosine kinase activity and acquisition of oncogenic potential. <i>Journal of Cellular Physiology</i> , <b>1999</b> , 181, 507-14	7	22

32	Hypoxia inhibits Cavin-1 and Cavin-2 expression and down-regulates caveolae in adipocytes. <i>Endocrinology</i> , <b>2015</b> , 156, 789-801	4.8	21
31	Chronic Inflammation in Non-Alcoholic Steatohepatitis: Molecular Mechanisms and Therapeutic Strategies. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 597648	5.7	20
30	Effects of sleeve gastrectomy in high fat diet-induced obese mice: respective role of reduced caloric intake, white adipose tissue inflammation and changes in adipose tissue and ectopic fat depots. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2014</b> , 28, 592-602	5.2	20
29	Severe Vitamin D Deficiency May be an Additional Cofactor for the Occurrence of Alcoholic Steatohepatitis. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2015</b> , 39, 1027-33	3.7	20
28	Roux-En Y Gastric Bypass Results in Long-Term Remission of Hepatocyte Apoptosis and Hepatic Histological Features of Non-alcoholic Steatohepatitis. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 344	4.6	20
27	Hepatic FNDC5 is a potential local protective factor against Non-Alcoholic Fatty Liver. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165705	6.9	19
26	Solute carrier family 2 member 1 is involved in the development of nonalcoholic fatty liver disease. <i>Hepatology</i> , <b>2013</b> , 57, 505-14	11.2	18
25	Severe Vitamin D Deficiency Is Not Associated with Liver Damage in Morbidly Obese Patients. <i>Obesity Surgery</i> , <b>2016</b> , 26, 2138-2143	3.7	18
24	Glucose intolerance and hypoadiponectinemia are already present in lean patients with chronic hepatitis C infected with genotype non-3 viruses. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2007</b> , 19, 671-7	2.2	15
23	Early postnatal soluble FGFR3 therapy prevents the atypical development of obesity in achondroplasia. <i>PLoS ONE</i> , <b>2018</b> , 13, e0195876	3.7	15
22	Immunoglobulin G4-associated autoimmune hepatitis may be found in Western countries. <i>Digestive and Liver Disease</i> , <b>2016</b> , 48, 302-8	3.3	13
21	The Differential Expression of Cide Family Members is Associated with Nafld Progression from Steatosis to Steatohepatitis. <i>Scientific Reports</i> , <b>2019</b> , 9, 7501	4.9	10
20	REDD1 deficiency protects against nonalcoholic hepatic steatosis induced by high-fat diet. <i>FASEB Journal</i> , <b>2020</b> , 34, 5046-5060	0.9	10
19	Determinants associated with the correction of glomerular hyper-filtration one year after bariatric surgery. <i>Surgery for Obesity and Related Diseases</i> , <b>2017</b> , 13, 1760-1766	3	10
18	Baseline Anthropometric and Metabolic Parameters Correlate with Weight Loss in Women 1-Year After Laparoscopic Roux-En-Y Gastric Bypass. <i>Obesity Surgery</i> , <b>2017</b> , 27, 2940-2949	3.7	9
17	Non-invasive Evaluation of NAFLD with Indocyanine Green Clearance Test: a Preliminary Study in Morbidly Obese Patients Undergoing Bariatric Surgery. <i>Obesity Surgery</i> , <b>2018</b> , 28, 735-742	3.7	9
16	The promyelocytic leukemia protein is upregulated in conditions of obesity and liver steatosis. <i>International Journal of Biological Sciences</i> , <b>2015</b> , 11, 629-32	11.2	9
15	MCD diet-induced steatohepatitis generates a diurnal rhythm of associated biomarkers and worsens liver injury in Klf10 deficient mice. <i>Scientific Reports</i> , <b>2020</b> , 10, 12139	4.9	6

14	Differential requirement of the last C-terminal tail of Met receptor for cell transformation and invasiveness. <i>Oncogene</i> , <b>2001</b> , 20, 5493-502	9.2	5
13	The mid-infrared spectroscopy: A novel non-invasive diagnostic tool for NASH diagnosis in severe obesity. <i>JHEP Reports</i> , <b>2019</b> , 1, 361-368	10.3	5
12	No association between binge eating disorder and severity of non-alcoholic fatty liver disease in severely obese patients. <i>JGH Open</i> , <b>2020</b> , 4, 525-531	1.8	4
11	Endoplasmic reticulum stress mediates resistance to BCL-2 inhibitor in uveal melanoma cells. <i>Cell Death Discovery</i> , <b>2020</b> , 6, 22	6.9	4
10	Prophylaxis of bacterial infections in cirrhosis: is an optimal 25-OH vitamin D level required?. <i>Journal of Hepatology</i> , <b>2014</b> , 61, 965-6	13.4	4
9	Role of the insulin receptor C-terminal acidic domain in the modulation of the receptor kinase by polybasic effectors. <i>FEBS Journal</i> , <b>1996</b> , 241, 186-92		4
8	Role of Lipid Droplet Proteins in the Development of NAFLD and Hepatic Insulin Resistance <b>2018</b> ,		3
7	Metabolic Fatty Liver Disease in Children: A Growing Public Health Problem.. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	3
6	Osmotic regulation of cellular glucose uptake. <i>Methods in Enzymology</i> , <b>2007</b> , 428, 343-54	1.7	2
5	Insulin receptor-induced phosphorylation of cellular and synthetic substrates is regulated by the receptor beta-subunit C-terminus		2
4	Reply to: C-reactive protein levels in non-alcoholic fatty liver disease <i>Journal of Hepatology</i> , <b>2012</b> , 56, 508-510	13.4	1
3	SYK-3BP2 Pathway Activity in Parenchymal and Myeloid Cells Is a Key Pathogenic Factor in Metabolic Steatohepatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2021</b> , 13, 173-191	7.9	1
2	Plasmatic osteopontin and vascular access dysfunction in hemodialysis patients: a cross-sectional, case-control study (The OSMOSIS Study). <i>Journal of Nephrology</i> , <b>2021</b> , 1	4.8	1
1	Obésité et maladie du foie gras non alcoolique. <i>Obesité</i> , <b>2014</b> , 9, 271-279	0.1	