

# Isabelle Dugail

## List of Publications by Year in Descending Order

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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.

68

papers

10,182

citations

35

h-index

75

g-index

75

ext. papers

11,199

ext. citations

5.1

avg, IF

4.85

L-index

#	Paper	IF	Citations
68	Beta-hydroxybutyrate dampens adipose progenitorsTprofibrotic activation through canonical Tgff signaling and non-canonical ZFP36-dependent mechanisms.. <i>Molecular Metabolism</i> , <b>2022</b> , 101512	8.8	0
67	Lysosomal Acid Lipase Drives Adipocyte Cholesterol Homeostasis and Modulates Lipid Storage in Obesity, Independent of Autophagy. <i>Diabetes</i> , <b>2021</b> , 70, 76-90	0.9	2
66	High prevalence for obesity in severe COVID-19: Possible links and perspectives towards patient stratification. <i>Biochimie</i> , <b>2020</b> , 179, 257-265	4.6	19
65	Autophagy inhibition blunts PDGFRA adipose progenitorsTcell-autonomous fibrogenic response to high-fat diet. <i>Autophagy</i> , <b>2020</b> , 16, 2156-2166	10.2	10
64	Lipid droplet-membrane contact sites - from protein binding to function. <i>Journal of Cell Science</i> , <b>2019</b> , 132,	5.3	35
63	Elevated serum ceramides are linked with obesity-associated gut dysbiosis and impaired glucose metabolism. <i>Metabolomics</i> , <b>2019</b> , 15, 140	4.7	9
62	Phosphatidylglycerols are induced by gut dysbiosis and inflammation, and favorably modulate adipose tissue remodeling in obesity. <i>FASEB Journal</i> , <b>2019</b> , 33, 4741-4754	0.9	13
61	Lysosomal Cholesterol Hydrolysis Couples Efferocytosis to Anti-Inflammatory Oxysterol Production. <i>Circulation Research</i> , <b>2018</b> , 122, 1369-1384	15.7	54
60	Atrial natriuretic peptide regulates adipose tissue accumulation in adult atria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E771-E780	11.5	48
59	Specific roles of phosphatidylglycerols in hosts and microbes. <i>Biochimie</i> , <b>2017</b> , 141, 47-53	4.6	12
58	Normal human adipose tissue functions and differentiation in patients with biallelic inactivating mutations. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 2348-2364	6.3	9
57	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
56	Adipose tissue autophagy status in obesity: Expression and flux--two faces of the picture. <i>Autophagy</i> , <b>2016</b> , 12, 588-9	10.2	25
55	Adipocyte size fluctuation, mechano-active lipid droplets and caveolae. <i>Adipocyte</i> , <b>2015</b> , 4, 158-60	3.2	5
54	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
53	Adipocyte ATP-binding cassette G1 promotes triglyceride storage, fat mass growth, and human obesity. <i>Diabetes</i> , <b>2015</b> , 64, 840-55	0.9	43
52	Circulating phospholipid profiling identifies portal contribution to NASH signature in obesity. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 905-12	13.4	67

51	DAPK2 Downregulation Associates With Attenuated Adipocyte Autophagic Clearance in Human Obesity. <i>Diabetes</i> , <b>2015</b> , 64, 3452-63	0.9	46
50	Caveolin-1 expression and cavin stability regulate caveolae dynamics in adipocyte lipid store fluctuation. <i>Diabetes</i> , <b>2014</b> , 63, 4032-44	0.9	47
49	Lysosome/lipid droplet interplay in metabolic diseases. <i>Biochimie</i> , <b>2014</b> , 96, 102-5	4.6	30
48	Adipocyte Lipid Droplet Physiology <b>2013</b> , 123-139		
47	The dynamics of accumulation of PCBs in cultured adipocytes vary with the cell lipid content and the lipophilicity of the congener. <i>Toxicology Letters</i> , <b>2013</b> , 216, 40-6	4.4	28
46	Effect of IVIg on human dendritic cell-mediated antigen uptake and presentation: role of lipid accumulation. <i>Journal of Autoimmunity</i> , <b>2012</b> , 39, 168-72	15.5	16
45	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.2	4.2	2783
44	Accumulation of polychlorinated biphenyls in adipocytes: selective targeting to lipid droplets and role of caveolin-1. <i>PLoS ONE</i> , <b>2012</b> , 7, e31834	3.7	35
43	Cavin proteins: New players in the caveolae field. <i>Biochimie</i> , <b>2011</b> , 93, 71-7	4.6	75
42	Distinct regulation of adiponutrin/PNPLA3 gene expression by the transcription factors ChREBP and SREBP1c in mouse and human hepatocytes. <i>Journal of Hepatology</i> , <b>2011</b> , 55, 145-53	13.4	102
41	Distinct roles of endothelial and adipocyte caveolin-1 in macrophage infiltration and adipose tissue metabolic activity. <i>Diabetes</i> , <b>2011</b> , 60, 448-53	0.9	43
40	Plasma membrane subdomain compartmentalization contributes to distinct mechanisms of ceramide action on insulin signaling. <i>Diabetes</i> , <b>2010</b> , 59, 600-10	0.9	75
39	Lipid droplet analysis in caveolin-deficient adipocytes: alterations in surface phospholipid composition and maturation defects. <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 945-56	6.3	86
38	Little caves ameliorate hepatic insulin signaling. Focus on "caveolin gene transfer improves glucose metabolism in diabetic mice". <i>American Journal of Physiology - Cell Physiology</i> , <b>2010</b> , 298, C442-5	5.4	2
37	The lipotrophic caveolin-1 deficient mouse model reveals autophagy in mature adipocytes. <i>Autophagy</i> , <b>2010</b> , 6, 754-63	10.2	55
36	Antidepressant phenelzine alters differentiation of cultured human and mouse preadipocytes. <i>Molecular Pharmacology</i> , <b>2009</b> , 75, 1052-61	4.3	24
35	Filling up adipocytes with lipids. Lessons from caveolin-1 deficiency. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2009</b> , 1791, 514-8	5	38
34	Connecting lipid droplet biology and the metabolic syndrome. <i>Progress in Lipid Research</i> , <b>2009</b> , 48, 191-514.3	4.3	39

33	Regulated association of caveolins to lipid droplets during differentiation of 3T3-L1 adipocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 376, 331-5	3.4	41
32	Association of a homozygous nonsense caveolin-1 mutation with Berardinelli-Seip congenital lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2008</b> , 93, 1129-34	5.6	302
31	Targeting of PKCzeta and PKB to caveolin-enriched microdomains represents a crucial step underpinning the disruption in PKB-directed signalling by ceramide. <i>Biochemical Journal</i> , <b>2008</b> , 410, 369-79	3.8	91
30	De novo cholesterol synthesis at the crossroads of adaptive response to extracellular stress through SREBP. <i>Biochimie</i> , <b>2007</b> , 89, 260-4	4.6	26
29	DnaJA4 is a SREBP-regulated chaperone involved in the cholesterol biosynthesis pathway. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2006</b> , 1761, 1107-13	5	16
28	Cholesterol-induced caveolin targeting to lipid droplets in adipocytes: a role for caveolar endocytosis. <i>Traffic</i> , <b>2006</b> , 7, 549-61	5.7	140
27	Insulin and angiotensin II induce the translocation of scavenger receptor class B, type I from intracellular sites to the plasma membrane of adipocytes. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 33536-40	5.4	41
26	In vitro suppression of the lipogenic pathway by the nonnucleoside reverse transcriptase inhibitor efavirenz in 3T3 and human preadipocytes or adipocytes. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 15130-41	5.4	77
25	Adipocyte cholesterol balance in obesity. <i>Biochemical Society Transactions</i> , <b>2004</b> , 32, 103-6	5.1	68
24	Métabolisme du tissu adipeux blanc. <i>EMC - Endocrinologie - Nutrition</i> , <b>2004</b> , 1, 1-5		
23	Regulation of ABCA1 expression and cholesterol efflux during adipose differentiation of 3T3-L1 cells. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 1499-507	6.3	59
22	HDL-mediated cholesterol uptake and targeting to lipid droplets in adipocytes. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 1811-20	6.3	34
21	Guggulu, une plante aux vertus hypolipémiantes pour nos sociétés grasses. <i>Medecine/Sciences</i> , <b>2002</b> , 18, 921-923		
20	Insulin and sterol-regulatory element-binding protein-1c (SREBP-1C) regulation of gene expression in 3T3-L1 adipocytes. Identification of CCAAT/enhancer-binding protein beta as an SREBP-1C target. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 35625-34	5.4	134
19	Angiotensin II-responsive element is the insulin-responsive element in the adipocyte fatty acid synthase gene: role of adipocyte determination and differentiation factor 1/sterol-regulatory-element-binding protein 1c. <i>Biochemical Journal</i> , <b>2001</b> , 357, 899-904	3.8	23
18	Angiotensin II-responsive element is the insulin-responsive element in the adipocyte fatty acid synthase gene: role of adipocyte determination and differentiation factor 1/sterol-regulatory-element-binding protein 1c. <i>Biochemical Journal</i> , <b>2001</b> , 357, 899-904	3.8	34
17	Cholesterol, a cell size-dependent signal that regulates glucose metabolism and gene expression in adipocytes. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 16904-10	5.4	178
16	Progesterone stimulates adipocyte determination and differentiation 1/sterol regulatory element-binding protein 1c gene expression. potential mechanism for the lipogenic effect of progesterone in adipose tissue. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 11512-6	5.4	61

15	Decreased resistin expression in mice with different sensitivities to a high-fat diet. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 289, 564-7	3.4	93
14	ADD-1/SREBP-1 is a major determinant of tissue differential lipogenic capacity in mammalian and avian species. <i>Journal of Lipid Research</i> , <b>2001</b> , 42, 106-113	6.3	94
13	Functional antagonism between inhibitor of DNA binding (Id) and adipocyte determination and differentiation factor 1/sterol regulatory element-binding protein-1c (ADD1/SREBP-1c) trans-factors for the regulation of fatty acid synthase promoter in adipocytes. <i>Biochemical Journal</i> , <b>1999</b> , 344, 873	3.8	18
12	ADD1/SREBP-1c is required in the activation of hepatic lipogenic gene expression by glucose. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 3760-8	4.8	461
11	Leptin receptor gene in a large cohort of massively obese subjects: no indication of the fa/fa rat mutation. Detection of an intronic variant with no association with obesity. <i>Obesity</i> , <b>1998</b> , 6, 122-7		15
10	Obesity-related overexpression of fatty-acid synthase gene in adipose tissue involves sterol regulatory element-binding protein transcription factors. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 29164-71	5.4	97
9	Pioglitazone induces in vivo adipocyte differentiation in the obese Zucker fa/fa rat. <i>Diabetes</i> , <b>1997</b> , 46, 1393-1399	0.9	205
8	A GC-rich region containing Sp1 and Sp1-like binding sites is a crucial regulatory motif for fatty acid synthase gene promoter activity in adipocytes. Implication in the overactivity of FAS promoter in obese Zucker rats. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 21297-302	5.4	26
7	Evidence of increased glyceraldehyde-3-phosphate dehydrogenase and fatty acid synthetase promoter activities in transiently transfected adipocytes from genetically obese rats. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 1102-6	5.4	41
6	Sequence of rat lipoprotein lipase-encoding cDNA. <i>Gene</i> , <b>1992</b> , 121, 237-46	3.8	30
5	Impaired fat storage capacity in adipocyte precursors of I versus C57BL mice. <i>Experimental Biology and Medicine</i> , <b>1989</b> , 192, 61-5	3.7	1
4	Differential effects of retinoic acid upon early and late events in adipose conversion of 3T3 preadipocytes. <i>Experimental Cell Research</i> , <b>1988</b> , 177, 27-36	4.2	31
3	A method for separating cultured preadipocytes according to their density: application to stromal cells from overfed suckling rats. <i>In Vitro Cellular &amp; Developmental Biology</i> , <b>1986</b> , 22, 375-80		5
2	Evolution de la capacité d'estification des acides gras dans les adipocytes de rat avant le sevrage : effet de la suralimentation lactée. <i>Reproduction, Nutrition, Development</i> , <b>1986</b> , 26, 669-676		
1	Rôle des précurseurs d'adipocytes dans l'installation d'une obésité nutritionnelle avant le sevrage. <i>Reproduction, Nutrition, Development</i> , <b>1985</b> , 25, 189-196		4