Didier F Pisani

List of Publications by Year in Descending Order

70 papers	2,755 citations	29 h-index	52 g-index
76 ext. papers	3,184 ext. citations	5.9 avg, IF	4.56 L-index

#	Paper	IF	Citations
70	Identification of adipocytes as target cells for Leishmania infantum parasites. *Scientific Reports*, **2021**, 11, 21275	4.9	2
69	Inhibition of eIF5A hypusination reprogrammes metabolism and glucose handling in mouse kidney. *Cell Death and Disease*, **2021**, 12, 283	9.8	6
68	Paternal multigenerational exposure to an obesogenic diet drives epigenetic predisposition to metabolic diseases in mice. *ELife*, **2021**, 10,	8.9	6
67	Targeting oxidative stress, a crucial challenge in renal transplantation outcome. *Free Radical Biology and Medicine*, **2021**, 169, 258-270	7.8	6
66	Fibronectin Extra Domains tune cellular responses and confer topographically distinct features to fibril networks. *Journal of Cell Science*, **2021**, 134,	5.3	2
65	Impact of thermogenesis induced by chronic β-adrenergic receptor agonist treatment on inflammatory and infectious response during bacteremia in mice. *PLoS ONE*, **2021**, 16, e0256768	3.7	0
64	The eukaryotic initiation factor 5A (eIF5A1), the molecule, mechanisms and recent insights into the pathophysiological roles.. *Cell and Bioscience*, **2021**, 11, 219	9.8	1
63	Oxytocin Controls Chondrogenesis and Correlates with Osteoarthritis. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
62	microRNA-375 regulates glucose metabolism-related signaling for insulin secretion. *Journal of Endocrinology*, **2020**, 244, 189-200	4.7	13
61	The adiponectin receptor agonist AdipoRon normalizes glucose metabolism and prevents obesity but not growth retardation induced by glucocorticoids in young mice. *Metabolism: Clinical and Experimental*, **2020**, 103, 154027	12.7	2
60	Modulation of the inflammatory response to LPS by the recruitment and activation of brown and brite adipocytes in mice. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 319, E912-E922	6	1
59	The translational regulator FMRP controls lipid and glucose metabolism in mice and humans. *Molecular Metabolism*, **2019**, 21, 22-35	8.8	16
58	Argonaute-2 is associated to brown adipose tissue activation. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 2393-2402	6.9	2
57	Diet Supplementation in ω3 Polyunsaturated Fatty Acid Favors an Anti-Inflammatory Basal Environment in Mouse Adipose Tissue. *Nutrients*, **2019**, 11,	6.7	11
56	Amino acid-induced regulation of hepatocyte growth: possible role of Drosha. *Cell Death and Disease*, **2019**, 10, 566	9.8	7
55	Involvement of polyunsaturated fatty acids in the control of energy storage and expenditure. *OCL - Oilseeds and Fats, Crops and Lipids*, **2019**, 26, 37	1.5	4
54	-Deficiency Impacts Body Composition, Skeleton, and Bone Microstructure in a Mouse Model of Fragile X Syndrome. *Frontiers in Endocrinology*, **2019**, 10, 678	5.7	6

53	LRRC8/VRAC channels exhibit a noncanonical permeability to glutathione, which modulates epithelial-to-mesenchymal transition (EMT). *Cell Death and Disease*, **2019**, 10, 925	9.8	11
52	Jak-TGF cross-talk links transient adipose tissue inflammation to beige adipogenesis. *Science Signaling*, **2018**, 11,	8.8	29
51	Caloric Restriction and Diet-Induced Weight Loss Do Not Induce Browning of Human Subcutaneous White Adipose Tissue in Women and Men with Obesity. *Cell Reports*, **2018**, 22, 1079-1089	10.6	40
50	Impact of dietary polyunsaturated fatty acid supplementation on brown and brite adipocyte function. *Journal of Lipid Research*, **2018**, 59, 452-461	6.3	38
49	Spiralled patchwork in pottery manufacture and the introduction of farming to Southern Europe RRATUM. *Antiquity*, **2018**, 92, 277-278	1	
48	Mitochondrial fission is associated with UCP1 activity in human brite/beige adipocytes. *Molecular Metabolism*, **2018**, 7, 35-44	8.8	40
47	Control of adipogenesis by oxylipins, GPCRs and PPARs. *Biochimie*, **2017**, 136, 3-11	4.6	43
46	Age-Dependent Control of Energy Homeostasis by Brown Adipose Tissue in Progeny Subjected to Maternal Diet-Induced Fetal Programming. *Diabetes*, **2017**, 66, 627-639	0.9	13
45	Spiralled patchwork in pottery manufacture and the introduction of farming to Southern Europe. *Antiquity*, **2017**, 91, 1501-1514	1	23
44	Targeting eIF5A Hypusination Prevents Anoxic Cell Death through Mitochondrial Silencing and Improves Kidney Transplant Outcome. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 811-822	12.7	27
43	miR-125b affects mitochondrial biogenesis and impairs brite adipocyte formation and function. *Molecular Metabolism*, **2016**, 5, 615-625	8.8	40
42	Let-7i-5p represses brite adipocyte function in mice and humans. *Scientific Reports*, **2016**, 6, 28613	4.9	30
41	White-to-brite conversion in human adipocytes promotes metabolic reprogramming towards fatty acid anabolic and catabolic pathways. *Molecular Metabolism*, **2016**, 5, 352-365	8.8	87
40	IP-receptor and PPARs trigger the conversion of human white to brite adipocyte induced by carbaprostacyclin. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2016**, 1861, 285-935		23
39	The K+ channel TASK1 modulates adrenergic response in brown adipose tissue through the mineralocorticoid receptor pathway. *FASEB Journal*, **2016**, 30, 909-22	0.9	25
38	Control of bone and fat mass by oxytocin. *Hormone Molecular Biology and Clinical Investigation*, **2016**, 28, 95-104	1.3	13
37	Visfatin expression analysis in association with recruitment and activation of human and rodent brown and brite adipocytes. *Adipocyte*, **2016**, 5, 186-95	3.2	7
36	Mesoderm-specific transcript (MEST) is a negative regulator of human adipocyte differentiation. *International Journal of Obesity*, **2015**, 39, 1733-41	5.5	25

35	Browning of human adipocytes requires KLF11 and reprogramming of PPARγ superenhancers. *Genes and Development*, **2015**, 29, 7-22	12.6	107
34	Disequilibrium of polyunsaturated fatty acids status and its dual effect in modulating adipose tissue development and functions. *OCL - Oilseeds and Fats, Crops and Lipids*, **2015**, 22, D405	1.5	8
33	Oxytocin reverses osteoporosis in a sex-dependent manner. *Frontiers in Endocrinology*, **2015**, 6, 81	5.7	23
32	MicroRNA-26 family is required for human adipogenesis and drives characteristics of brown adipocytes. *Stem Cells*, **2014**, 32, 1578-90	5.8	124
31	Glucose uptake in brown fat cells is dependent on mTOR complex 2-promoted GLUT1 translocation. *Journal of Cell Biology*, **2014**, 207, 365-74	7.3	106
30	Oxytocin reverses ovariectomy-induced osteopenia and body fat gain. *Endocrinology*, **2014**, 155, 1340-52	4.8	46
29	The ω-3-fatty acid, arachidonic acid, regulates the conversion of white to brite adipocyte through a prostaglandin/calcium mediated pathway. *Molecular Metabolism*, **2014**, 3, 834-47	8.8	57
28	Glucose uptake in brown fat cells is dependent on mTOR complex 2–promoted GLUT1 translocation. *Journal of Experimental Medicine*, **2014**, 211, 21112OIA69	16.6	
27	Chondrogenic potential of stem cells derived from adipose tissue: a powerful pharmacological tool. *Biochemical and Biophysical Research Communications*, **2013**, 440, 786-91	3.4	21
26	In vitro brown and "brite"/"beige" adipogenesis: human cellular models and molecular aspects. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2013**, 1831, 905-14	5	38
25	Self-renewal gene tracking to identify tumour-initiating cells associated with metastatic potential. *Oncogene*, **2012**, 31, 2438-49	9.2	18
24	Differentiation of Human Adipose-Derived Stem Cells into "Brite" (Brown-in-White) Adipocytes. *Frontiers in Endocrinology*, **2011**, 2, 87	5.7	82
23	Sig1R protein regulates hERG channel expression through a post-translational mechanism in leukemic cells. *Journal of Biological Chemistry*, **2011**, 286, 27947-58	5.4	51
22	Adipose-Derived Stem Cells and Skeletal Muscle Repair. *Pancreatic Islet Biology*, **2011**, 77-87	0.4	
21	Regulation of the intracellular localization of Foxo3a by stress-activated protein kinase signaling pathways in skeletal muscle cells. *Molecular and Cellular Biology*, **2010**, 30, 470-80	4.8	78
20	Mouse model of skeletal muscle adiposity: a glycerol treatment approach. *Biochemical and Biophysical Research Communications*, **2010**, 396, 767-73	3.4	41
19	Isolation of a highly myogenic CD34-negative subset of human skeletal muscle cells free of adipogenic potential. *Stem Cells*, **2010**, 28, 753-64	5.8	52
18	Hierarchization of myogenic and adipogenic progenitors within human skeletal muscle. *Stem Cells*, **2010**, 28, 2182-94	5.8	41

17	Enhancement of myogenic and muscle repair capacities of human adipose-derived stem cells with forced expression of MyoD. *Molecular Therapy*, **2009**, 17, 1064-72	11.7	105
16	Swelling-activated transport of taurine in cultured gill cells of sea bass: physiological adaptation and pavement cell plasticity. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 296, R1149-60	3.2	20
15	Activating mutations in human acute megakaryoblastic leukemia. *Blood*, **2008**, 112, 4220-6	2.2	121
14	Involvement of BTBD1 in mesenchymal differentiation. *Experimental Cell Research*, **2007**, 313, 2417-26	4.2	10
13	A(2b) receptor mediates adenosine inhibition of taurine efflux from pituicytes. *Biology of the Cell*, **2007**, 99, 445-54	3.5	12
12	Proteasome inhibitor bortezomib impairs both myelofibrosis and osteosclerosis induced by high thrombopoietin levels in mice. *Blood*, **2007**, 110, 345-53	2.2	43
11	Two Distinct Mechanisms Are Responsible for Regulation of Ribosomal Protein S19 Expression Level in Diamond-Blackfan Anemia by NF-B Pathway.. *Blood*, **2007**, 110, 1684-1684	2.2	
10	Oncogenic mechanisms in myeloproliferative disorders. *Cellular and Molecular Life Sciences*, **2006**, 63, 2939-53	10.3	61
9	New insights into the pathogenesis of JAK2 V617F-positive myeloproliferative disorders and consequences for the management of patients. *Seminars in Thrombosis and Hemostasis*, **2006**, 32, 341-51	5.3	30
8	JAK2V617F expression in murine hematopoietic cells leads to MPD mimicking human PV with secondary myelofibrosis. *Blood*, **2006**, 108, 1652-60	2.2	362
7	SMHS1 is involved in oxidative/glycolytic-energy metabolism balance of muscle fibers. *Biochemical and Biophysical Research Communications*, **2005**, 326, 788-93	3.4	12
6	Mouse myodulin, a new potential angiogenic factor, functionally expressed in yeast. *Biochemical and Biophysical Research Communications*, **2005**, 331, 552-6	3.4	5
5	Skeletal muscle HIF-1alpha expression is dependent on muscle fiber type. *Journal of General Physiology*, **2005**, 126, 173-8	3.4	62
4	Transplantation of a multipotent cell population from human adipose tissue induces dystrophin expression in the immunocompetent mdx mouse. *Journal of Experimental Medicine*, **2005**, 201, 1397-405	16.6	346
3	The topoisomerase 1-interacting protein BTBD1 is essential for muscle cell differentiation. *Cell Death and Differentiation*, **2004**, 11, 1157-65	12.7	16
2	Myodulin is a novel potential angiogenic factor in skeletal muscle. *Experimental Cell Research*, **2004**, 292, 40-50	4.2	15
1	Analysis of altered gene expression in rat soleus muscle atrophied by disuse. *Journal of Cellular Biochemistry*, **2001**, 83, 508-19	4.7	38