

Didier F Pisani

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.

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	JAK2V617F expression in murine hematopoietic cells leads to MPD mimicking human PV with secondary myelofibrosis. <i>Blood</i> , 2006 , 108, 1652-60	2.2	362
69	Transplantation of a multipotent cell population from human adipose tissue induces dystrophin expression in the immunocompetent mdx mouse. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1397-405	16.6	346
68	MicroRNA-26 family is required for human adipogenesis and drives characteristics of brown adipocytes. <i>Stem Cells</i> , 2014 , 32, 1578-90	5.8	124
67	Activating mutations in human acute megakaryoblastic leukemia. <i>Blood</i> , 2008 , 112, 4220-6	2.2	121
66	Browning of human adipocytes requires KLF11 and reprogramming of PPAR β superenhancers. <i>Genes and Development</i> , 2015 , 29, 7-22	12.6	107
65	Glucose uptake in brown fat cells is dependent on mTOR complex 2-promoted GLUT1 translocation. <i>Journal of Cell Biology</i> , 2014 , 207, 365-74	7.3	106
64	Enhancement of myogenic and muscle repair capacities of human adipose-derived stem cells with forced expression of MyoD. <i>Molecular Therapy</i> , 2009 , 17, 1064-72	11.7	105
63	White-to-brite conversion in human adipocytes promotes metabolic reprogramming towards fatty acid anabolic and catabolic pathways. <i>Molecular Metabolism</i> , 2016 , 5, 352-365	8.8	87
62	Differentiation of Human Adipose-Derived Stem Cells into "Brite" (Brown-in-White) Adipocytes. <i>Frontiers in Endocrinology</i> , 2011 , 2, 87	5.7	82
61	Regulation of the intracellular localization of Foxo3a by stress-activated protein kinase signaling pathways in skeletal muscle cells. <i>Molecular and Cellular Biology</i> , 2010 , 30, 470-80	4.8	78
60	Skeletal muscle HIF-1 α expression is dependent on muscle fiber type. <i>Journal of General Physiology</i> , 2005 , 126, 173-8	3.4	62
59	Oncogenic mechanisms in myeloproliferative disorders. <i>Cellular and Molecular Life Sciences</i> , 2006 , 63, 2939-53	10.3	61
58	The β -fatty acid, arachidonic acid, regulates the conversion of white to brite adipocyte through a prostaglandin/calcium mediated pathway. <i>Molecular Metabolism</i> , 2014 , 3, 834-47	8.8	57
57	Isolation of a highly myogenic CD34-negative subset of human skeletal muscle cells free of adipogenic potential. <i>Stem Cells</i> , 2010 , 28, 753-64	5.8	52
56	Sig1R protein regulates hERG channel expression through a post-translational mechanism in leukemic cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 27947-58	5.4	51
55	Oxytocin reverses ovariectomy-induced osteopenia and body fat gain. <i>Endocrinology</i> , 2014 , 155, 1340-52	4.8	46
54	Control of adipogenesis by oxylipins, GPCRs and PPARs. <i>Biochimie</i> , 2017 , 136, 3-11	4.6	43

53	Proteasome inhibitor bortezomib impairs both myelofibrosis and osteosclerosis induced by high thrombopoietin levels in mice. <i>Blood</i> , 2007 , 110, 345-53	2.2	43
52	Mouse model of skeletal muscle adiposity: a glycerol treatment approach. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 396, 767-73	3.4	41
51	Hierarchization of myogenic and adipogenic progenitors within human skeletal muscle. <i>Stem Cells</i> , 2010 , 28, 2182-94	5.8	41
50	Caloric Restriction and Diet-Induced Weight Loss Do Not Induce Browning of Human Subcutaneous White Adipose Tissue in Women and Men with Obesity. <i>Cell Reports</i> , 2018 , 22, 1079-1089	10.6	40
49	miR-125b affects mitochondrial biogenesis and impairs brite adipocyte formation and function. <i>Molecular Metabolism</i> , 2016 , 5, 615-625	8.8	40
48	Mitochondrial fission is associated with UCP1 activity in human brite/beige adipocytes. <i>Molecular Metabolism</i> , 2018 , 7, 35-44	8.8	40
47	Impact of dietary β polyunsaturated fatty acid supplementation on brown and brite adipocyte function. <i>Journal of Lipid Research</i> , 2018 , 59, 452-461	6.3	38
46	In vitro brown and "brite"/"beige" adipogenesis: human cellular models and molecular aspects. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 905-14	5	38
45	Analysis of altered gene expression in rat soleus muscle atrophied by disuse. <i>Journal of Cellular Biochemistry</i> , 2001 , 83, 508-19	4.7	38
44	Let-7i-5p represses brite adipocyte function in mice and humans. <i>Scientific Reports</i> , 2016 , 6, 28613	4.9	30
43	New insights into the pathogenesis of JAK2 V617F-positive myeloproliferative disorders and consequences for the management of patients. <i>Seminars in Thrombosis and Hemostasis</i> , 2006 , 32, 341-51 ^{5.3}		30
42	Jak-TGF β cross-talk links transient adipose tissue inflammation to beige adipogenesis. <i>Science Signaling</i> , 2018 , 11,	8.8	29
41	Targeting eIF5A Hypusination Prevents Anoxic Cell Death through Mitochondrial Silencing and Improves Kidney Transplant Outcome. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 811-822	12.7	27
40	Mesoderm-specific transcript (MEST) is a negative regulator of human adipocyte differentiation. <i>International Journal of Obesity</i> , 2015 , 39, 1733-41	5.5	25
39	The K ⁺ channel TASK1 modulates β adrenergic response in brown adipose tissue through the mineralocorticoid receptor pathway. <i>FASEB Journal</i> , 2016 , 30, 909-22	0.9	25
38	IP-receptor and PPARs trigger the conversion of human white to brite adipocyte induced by carbaprostacyclin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 285-93 ⁵		23
37	Spiralled patchwork in pottery manufacture and the introduction of farming to Southern Europe. <i>Antiquity</i> , 2017 , 91, 1501-1514	1	23
36	Oxytocin reverses osteoporosis in a sex-dependent manner. <i>Frontiers in Endocrinology</i> , 2015 , 6, 81	5.7	23

35	Chondrogenic potential of stem cells derived from adipose tissue: a powerful pharmacological tool. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 786-91	3.4	21
34	Swelling-activated transport of taurine in cultured gill cells of sea bass: physiological adaptation and pavement cell plasticity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R1149-60	3.2	20
33	Self-renewal gene tracking to identify tumour-initiating cells associated with metastatic potential. <i>Oncogene</i> , 2012 , 31, 2438-49	9.2	18
32	The translational regulator FMRP controls lipid and glucose metabolism in mice and humans. <i>Molecular Metabolism</i> , 2019 , 21, 22-35	8.8	16
31	The topoisomerase 1-interacting protein BTBD1 is essential for muscle cell differentiation. <i>Cell Death and Differentiation</i> , 2004 , 11, 1157-65	12.7	16
30	Myodulin is a novel potential angiogenic factor in skeletal muscle. <i>Experimental Cell Research</i> , 2004 , 292, 40-50	4.2	15
29	Age-Dependent Control of Energy Homeostasis by Brown Adipose Tissue in Progeny Subjected to Maternal Diet-Induced Fetal Programming. <i>Diabetes</i> , 2017 , 66, 627-639	0.9	13
28	microRNA-375 regulates glucose metabolism-related signaling for insulin secretion. <i>Journal of Endocrinology</i> , 2020 , 244, 189-200	4.7	13
27	Control of bone and fat mass by oxytocin. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016 , 28, 95-104	1.3	13
26	A(2b) receptor mediates adenosine inhibition of taurine efflux from pituicytes. <i>Biology of the Cell</i> , 2007 , 99, 445-54	3.5	12
25	SMHS1 is involved in oxidative/glycolytic-energy metabolism balance of muscle fibers. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 326, 788-93	3.4	12
24	Diet Supplementation in β Polyunsaturated Fatty Acid Favors an Anti-Inflammatory Basal Environment in Mouse Adipose Tissue. <i>Nutrients</i> , 2019 , 11,	6.7	11
23	LRRC8/VRAC channels exhibit a noncanonical permeability to glutathione, which modulates epithelial-to-mesenchymal transition (EMT). <i>Cell Death and Disease</i> , 2019 , 10, 925	9.8	11
22	Involvement of BTBD1 in mesenchymal differentiation. <i>Experimental Cell Research</i> , 2007 , 313, 2417-26	4.2	10
21	Disequilibrium of polyunsaturated fatty acids status and its dual effect in modulating adipose tissue development and functions. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2015 , 22, D405	1.5	8
20	Amino acid-induced regulation of hepatocyte growth: possible role of Drosha. <i>Cell Death and Disease</i> , 2019 , 10, 566	9.8	7
19	Visfatin expression analysis in association with recruitment and activation of human and rodent brown and brite adipocytes. <i>Adipocyte</i> , 2016 , 5, 186-95	3.2	7
18	-Deficiency Impacts Body Composition, Skeleton, and Bone Microstructure in a Mouse Model of Fragile X Syndrome. <i>Frontiers in Endocrinology</i> , 2019 , 10, 678	5.7	6

17	Inhibition of eIF5A hypusination reprogrammes metabolism and glucose handling in mouse kidney. <i>Cell Death and Disease</i> , 2021 , 12, 283	9.8	6
16	Paternal multigenerational exposure to an obesogenic diet drives epigenetic predisposition to metabolic diseases in mice. <i>ELife</i> , 2021 , 10,	8.9	6
15	Targeting oxidative stress, a crucial challenge in renal transplantation outcome. <i>Free Radical Biology and Medicine</i> , 2021 , 169, 258-270	7.8	6
14	Oxytocin Controls Chondrogenesis and Correlates with Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
13	Mouse myodulin, a new potential angiogenic factor, functionally expressed in yeast. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 552-6	3.4	5
12	Involvement of polyunsaturated fatty acids in the control of energy storage and expenditure. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2019 , 26, 37	1.5	4
11	Argonaute-2 is associated to brown adipose tissue activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 2393-2402	6.9	2
10	Identification of adipocytes as target cells for Leishmania infantum parasites. <i>Scientific Reports</i> , 2021 , 11, 21275	4.9	2
9	The adiponectin receptor agonist AdipoRon normalizes glucose metabolism and prevents obesity but not growth retardation induced by glucocorticoids in young mice. <i>Metabolism: Clinical and Experimental</i> , 2020 , 103, 154027	12.7	2
8	Fibronectin Extra Domains tune cellular responses and confer topographically distinct features to fibril networks. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	2
7	Modulation of the inflammatory response to LPS by the recruitment and activation of brown and brite adipocytes in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E912-E922	6	1
6	The eukaryotic initiation factor 5A (eIF5A1), the molecule, mechanisms and recent insights into the pathophysiological roles.. <i>Cell and Bioscience</i> , 2021 , 11, 219	9.8	1
5	Impact of thermogenesis induced by chronic β -adrenergic receptor agonist treatment on inflammatory and infectious response during bacteremia in mice. <i>PLoS ONE</i> , 2021 , 16, e0256768	3.7	0
4	Spiralled patchwork in pottery manufacture and the introduction of farming to Southern EuropeERRATUM. <i>Antiquity</i> , 2018 , 92, 277-278	1	
3	Two Distinct Mechanisms Are Responsible for Regulation of Ribosomal Protein S19 Expression Level in Diamond-Blackfan Anemia by NF- κ B Pathway.. <i>Blood</i> , 2007 , 110, 1684-1684	2.2	
2	Glucose uptake in brown fat cells is dependent on mTOR complex 2-promoted GLUT1 translocation. <i>Journal of Experimental Medicine</i> , 2014 , 211, 21112OIA69	16.6	
1	Adipose-Derived Stem Cells and Skeletal Muscle Repair. <i>Pancreatic Islet Biology</i> , 2011 , 77-87	0.4	