Jean SÃ©bastien Saulnier-Blache

List of Publications by Year
in descending order

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83	5,979	71102 41	71685 76
papers	citations	h-index	g-index

87	87	87	5700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Apelin, a Newly Identified Adipokine Up-Regulated by Insulin and Obesity. Endocrinology, 2005, 146, 1764-1771.	2.8	761
2	Autotaxin, a Secreted Lysophospholipase D, Is Essential for Blood Vessel Formation during Development. Molecular and Cellular Biology, 2006, 26, 5015-5022.	2.3	496
3	Platelet-derived lysophosphatidic acid supports the progression of osteolytic bone metastases in breast cancer. Journal of Clinical Investigation, 2004, 114, 1714-1725.	8.2	340
4	Platelet-derived lysophosphatidic acid supports the progression of osteolytic bone metastases in breast cancer. Journal of Clinical Investigation, 2004, 114, 1714-1725.	8.2	222
5	Autotaxin Is Released from Adipocytes, Catalyzes Lysophosphatidic Acid Synthesis, and Activates Preadipocyte Proliferation. Journal of Biological Chemistry, 2003, 278, 18162-18169.	3.4	207
6	TNFÎ± upâ€regulates apelin expression in human and mouse adipose tissue. FASEB Journal, 2006, 20, 1528-1530.	0.5	197
7	Coexistence of three Î²-adrenoceptor subtypes in white fat cells of various mammalian species. European Journal of Pharmacology, 1991, 199, 291-301.	3.5	188
8	LPA1 Receptor Activation Promotes Renal Interstitial Fibrosis. Journal of the American Society of Nephrology: JASN, 2007, 18, 3110-3118.	6.1	185
9	Lipoprotein-Derived Lysophosphatidic Acid Promotes Atherosclerosis by Releasing CXCL1Âfrom the Endothelium. Cell Metabolism, 2011, 13, 592-600.	16.2	176
10	Lysophosphatidic acid synthesis and release. Prostaglandins and Other Lipid Mediators, 2001, 64, 1-10.	1.9	169
11	Adipose-specific disruption of autotaxin enhances nutritional fattening and reduces plasma lysophosphatidic acid. Journal of Lipid Research, 2011, 52, 1247-1255.	4.2	153
12	Lysophosphatidic Acid Inhibits Adipocyte Differentiation via Lysophosphatidic Acid 1 Receptor-dependent Down-regulation of Peroxisome Proliferator-activated Receptor Î³2. Journal of Biological Chemistry, 2005, 280, 14656-14662.	3.4	135
13	Phosphatidic acid mediates demyelination in Lpin1 mutant mice. Genes and Development, 2008, 22, 1647-1661.	5.9	122
14	Alpha2-adrenergic receptor-mediated release of lysophosphatidic acid by adipocytes. A paracrine signal for preadipocyte growth.. Journal of Clinical Investigation, 1998, 101, 1431-1438.	8.2	122
15	Seipin deficiency alters fatty acid Î”9 desaturation and lipid droplet formation in Berardinelli-Seip congenital lipodystrophy. Biochimie, 2009, 91, 796-803.	2.6	118
16	Murine and Human Autotaxin Î±, Î², and Î³ Isoforms. Journal of Biological Chemistry, 2008, 283, 7776-7789.	3.4	109
17	Potential involvement of adipocyte insulin resistance in obesity-associated up-regulation of adipocyte lysophospholipase D/autotaxin expression. Diabetologia, 2005, 48, 569-577.	6.3	104
18	Cancer Cell Expression of Autotaxin Controls Bone Metastasis Formation in Mouse through Lysophosphatidic Acid-Dependent Activation of Osteoclasts. PLoS ONE, 2010, 5, e9741.	2.5	101

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19	S32826, A Nanomolar Inhibitor of Autotaxin: Discovery, Synthesis and Applications as a Pharmacological Tool. Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 809-819.	2.5	89
20	Involvement of autotaxin/lysophosphatidic acid signaling in obesity and impaired glucose homeostasis. Biochimie, 2014, 96, 140-143.	2.6	80
21	Lysophosphatidic acid and renal fibrosis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 582-587.	2.4	78
22	A simple and highly sensitive radioenzymatic assay for lysophosphatidic acid quantification. Journal of Lipid Research, 2000, 41, 1947-1951.	4.2	77
23	Lysophosphatidic acid-1-receptor targeting agents for fibrosis. Expert Opinion on Investigational Drugs, 2011, 20, 657-667.	4.1	72
24	Lysophosphatidic acid impairs glucose homeostasis and inhibits insulin secretion in high-fat diet obese mice. Diabetologia, 2013, 56, 1394-1402.	6.3	70
25	A simple and highly sensitive radioenzymatic assay for lysophosphatidic acid quantification. Journal of Lipid Research, 2000, 41, 1947-51.	4.2	65
26	Adipogenesis-related increase of semicarbazide-sensitive amine oxidase and monoamine oxidase in human adipocytes. Biochimie, 2007, 89, 916-925.	2.6	63
27	Secretion of a lysophospholipase D activity by adipocytes: involvement in lysophosphatidic acid synthesis. Journal of Lipid Research, 2002, 43, 904-910.	4.2	62
28	Culture of Human Adipose Tissue Explants Leads to Profound Alteration of Adipocyte Gene Expression. Hormone and Metabolic Research, 2003, 35, 158-163.	1.5	60
29	Atherosclerotic Lesion Progression Changes Lysophosphatidic Acid Homeostasis to Favor its Accumulation. American Journal of Pathology, 2010, 176, 3073-3084.	3.8	58
30	Production of Lysophosphatidic Acid in Blister Fluid: Involvement of a Lysophospholipase D Activity. Journal of Investigative Dermatology, 2005, 125, 421-427.	0.7	55
31	Shear Stress-Induced Alteration of Epithelial Organization in Human Renal Tubular Cells. PLoS ONE, 2015, 10, e0131416.	2.5	54
32	Anticancer activity of FTY720: Phosphorylated FTY720 inhibits autotaxin, a metastasis-enhancing and angiogenic lysophospholipase D. Cancer Letters, 2008, 266, 203-208.	7.2	53
33	Increase in Uncoupling Protein-2 mRNA Expression by BRL49653 and Bromopalmitate in Human Adipocytes. Biochemical and Biophysical Research Communications, 1999, 256, 138-141.	2.1	51
34	Alpha 2-adrenergic stimulation promotes preadipocyte proliferation. Involvement of mitogen-activated protein kinases.. Journal of Biological Chemistry, 1994, 269, 30254-30259.	3.4	51
35	Depot-specific regulation of autotaxin with obesity in human adipose tissue. Journal of Physiology and Biochemistry, 2012, 68, 635-644.	3.0	50
36	Secretion of a lysophospholipase D activity by adipocytes: involvement in lysophosphatidic acid synthesis. Journal of Lipid Research, 2002, 43, 904-10.	4.2	49

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37	Autotaxin Downregulates LPSâ€Induced Microglia Activation and Proâ€Inflammatory Cytokines Production. Journal of Cellular Biochemistry, 2014, 115, 2123-2132.	2.6	46
38	Adrenergic Receptors and Fat Cells: Differential Recruitment by Physiological Amines and Homologous Regulation. Obesity, 1995, 3, 507S-514S.	4.0	43
39	Autotaxin protects microglial cells against oxidative stress. Free Radical Biology and Medicine, 2012, 52, 516-526.	2.9	42
40	Alpha 2-adrenergic stimulation promotes preadipocyte proliferation. Involvement of mitogen-activated protein kinases. Journal of Biological Chemistry, 1994, 269, 30254-9.	3.4	42
41	Expression of Ectolipid Phosphate Phosphohydrolases in 3T3F442A Preadipocytes and Adipocytes. Journal of Biological Chemistry, 2002, 277, 23131-23136.	3.4	41
42	Endothelial Differentiation Gene-2 Receptor Is Involved in Lysophosphatidic Acid-dependent Control of 3T3F442A Preadipocyte Proliferation and Spreading. Journal of Biological Chemistry, 2001, 276, 11599-11605.	3.4	40
43	Cell Autonomous Lipin 1 Function Is Essential for Development and Maintenance of White and Brown Adipose Tissue. Molecular and Cellular Biology, 2012, 32, 4794-4810.	2.3	40
44	Adipokine Expression Profile in Adipocytes of Different Mouse Models of Obesity. Hormone and Metabolic Research, 2005, 37, 761-767.	1.5	37
45	Secretion and lysophospholipase D activity of autotaxin by adipocytes are controlled by N-glycosylation and signal peptidase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 93-102.	2.4	35
46	Short- and long-term insulin-like effects of monoamine oxidases and semicarbazide-sensitive amine oxidase substrates in cultured adipocytes. Metabolism: Clinical and Experimental, 2006, 55, 1397-1405.	3.4	34
47	A Hypomorphic Mutation in Lpin1 Induces Progressively Improving Neuropathy and Lipodystrophy in the Rat. Journal of Biological Chemistry, 2011, 286, 26781-26793.	3.4	30
48	LPA as a Paracrine Mediator of Adipocyte Growth and Function. Annals of the New York Academy of Sciences, 2000, 905, 159-164.	3.8	29
49	Altered food consumption in mice lacking lysophosphatidic acid receptor-1. Journal of Physiology and Biochemistry, 2009, 65, 345-350.	3.0	27
50	Imidazolinic radioligands for the identification of hamster adipocyte Î±2-adrenoceptors. European Journal of Pharmacology, 1989, 171, 145-157.	3.5	26
51	Functional Consequences of Constitutively Active Î±2A-Adrenergic Receptor Expression in 3T3F442A Preadipocytes and Adipocytes. Biochemical and Biophysical Research Communications, 1997, 235, 765-773.	2.1	25
52	Systems biology identifies cytosolic PLA2 as a target in vascular calcification treatment. JCI Insight, 2019, 4, .	5.0	25
53	Urinary lysophopholipids are increased in diabetic patients with nephropathy. Journal of Diabetes and Its Complications, 2017, 31, 1103-1108.	2.3	24
54	Proteomics based identification of KDM5 histone demethylases associated with cardiovascular disease. EBioMedicine, 2019, 41, 91-104.	6.1	23

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55	alpha2-Adrenoceptor stimulation promotes actin polymerization and focal adhesion in 3T3F442A and BFC-1beta preadipocytes.. Endocrinology, 1996, 137, 5220-5229.	2.8	21
56	Gî²î³-independent Coupling of Î±2-Adrenergic Receptor to p21 in Preadipocytes. Journal of Biological Chemistry, 1998, 273, 15804-15810.	3.4	21
57	Increased urine acylcarnitines in diabetic ApoE -/- mice: Hydroxytetradecadienoylcarnitine (C14:2-OH) reflects diabetic nephropathy in a context of hyperlipidemia. Biochemical and Biophysical Research Communications, 2017, 487, 109-115.	2.1	21
58	Lysophosphatidic Acid Protects Against Endotoxin-Induced Acute Kidney Injury. Inflammation, 2017, 40, 1707-1716.	3.8	20
59	Pro-fibrotic activity of lysophosphatidic acid in adipose tissue: In vivo and in vitro evidence. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 88-96.	2.4	19
60	Human alpha 2A-adrenergic receptor gene expressed in transgenic mouse adipose tissue under the control of its regulatory elements. Journal of Molecular Endocrinology, 2002, 29, 251-264.	2.5	18
61	Increased urinary lysophosphatidic acid in mouse with subtotal nephrectomy: potential involvement in chronic kidney disease. Journal of Physiology and Biochemistry, 2016, 72, 803-812.	3.0	18
62	Ca2+-Independent Phospholipase A2 Is Required for Î±2-Adrenergic-Induced Preadipocyte Spreading. Biochemical and Biophysical Research Communications, 1999, 265, 572-576.	2.1	15
63	Androgenic regulation of adipocyte alpha 2-adrenoceptor expression in male and female Syrian hamsters: proposed transcriptional mechanism.. Endocrinology, 1992, 130, 316-327.	2.8	14
64	In vivo upregulation of adipocyte alpha 2-adrenoceptors by androgens is consequence of direct action on fat cells. American Journal of Physiology - Cell Physiology, 1994, 267, C926-C931.	4.6	14
65	Connectivity mapping of glomerular proteins identifies dimethylaminoparthenolide as a new inhibitor of diabetic kidney disease. Scientific Reports, 2020, 10, 14898.	3.3	14
66	Ldlr and ApoE mice better mimic the human metabolite signature of increased carotid intima media thickness compared to other animal models of cardiovascular disease. Atherosclerosis, 2018, 276, 140-147.	0.8	13
67	The CKD plasma lipidome varies with disease severity and outcome. Journal of Clinical Lipidology, 2019, 13, 176-185.e8.	1.5	13
68	Photoperiodic Control of Adipocyte Î±2-Adrenoceptors in Syrian Hamsters: Role of Testosterone. Endocrinology, 1990, 127, 1245-1253.	2.8	11
69	Hamster Adipocyte Î±₂-Adrenoceptor Changes during Fat Mass Modifications Are Not Directly Dependent on Adipose Tissue Norepinephrine Content. Endocrinology, 1990, 126, 2425-2434.	2.8	10
70	Which bovine endometrial cells are the source of and target for lysophosphatidic acid?. Reproductive Biology, 2013, 13, 100-103.	1.9	10
71	Short-term and rapid effects of lysophosphatidic acid on human adipose cell lipolytic and glucose uptake activities. AIMS Molecular Science, 2016, 3, 222-237.	0.5	10
72	Adipocyte Î±2A-adrenoceptor is the only Î±2-adrenoceptor regulated by testosterone. European Journal of Pharmacology, 1994, 269, 95-103.	2.6	7

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73	In Vitro and In Vivo Impairment of Î±2-Adrenergic Receptor-Dependent Antilipolysis by Fatty Acids in Human Adipose Tissue. Hormone and Metabolic Research, 2001, 33, 701-707.	1.5	7
74	Plasticity-related gene-1 inhibits lysophosphatidic acid-induced vascular smooth muscle cell migration and proliferation and prevents neointima formation. American Journal of Physiology - Cell Physiology, 2012, 303, C1104-C1114.	4.6	7
75	Androgenic regulation of adipocyte alpha 2-adrenoceptor expression in male and female Syrian hamsters: proposed transcriptional mechanism. Endocrinology, 1992, 130, 316-327.	2.8	7
76	Selective reduction of alpha 2-adrenergic responsiveness in hamster adipose tissue during prolonged starvation. American Journal of Physiology - Endocrinology and Metabolism, 1990, 259, E80-E88.	3.5	5
77	alpha2-Adrenoceptor stimulation promotes actin polymerization and focal adhesion in 3T3F442A and BFC-1beta preadipocytes. Endocrinology, 1996, 137, 5220-5229.	2.8	5
78	Influence of secreted factors from human adipose tissue on glucose utilization and proinflammatory reaction. Journal of Physiology and Biochemistry, 2013, 69, 625-632.	3.0	4
79	Mapping of the amniotic fluid proteome of fetuses with congenital anomalies of the kidney and urinary tract identifies plastin 3 as a protein involved in glomerular integrity. Journal of Pathology, 2021, 254, 575-588.	4.5	4
80	Proteomic Analysis of Mouse Kidney Tissue Associates Peroxisomal Dysfunction with Early Diabetic Kidney Disease. Biomedicines, 2022, 10, 216.	3.2	4
81	The low affinity p75 neurotrophin receptor is down-regulated in congenital anomalies of the kidney and the urinary tract: Possible involvement in early nephrogenesis. Biochemical and Biophysical Research Communications, 2020, 533, 786-791.	2.1	3
82	Regulation of Fat-Cell Function by Î±2-Adrenergic Receptors. Advances in Pharmacology, 1997, 42, 496-498.	2.0	2
83	Up-to-Date on Novel â€œAdipocrinesâ€• , 2013, , 213-227.		0