

Dominique Thomas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4384430/publications.pdf>

Version: 2024-02-01

75
papers

1,648
citations

279798

23
h-index

377865

34
g-index

77
all docs

77
docs citations

77
times ranked

2827
citing authors

#	ARTICLE	IF	CITATIONS
1	SAMHD1 is a biomarker for cytarabine response and a therapeutic target in acute myeloid leukemia. <i>Nature Medicine</i> , 2017, 23, 250-255.	30.7	121
2	Targeted lipidomics reveal derangement of ceramides in major depression and bipolar disorder. <i>Metabolism: Clinical and Experimental</i> , 2019, 95, 65-76.	3.4	76
3	Members of the endocannabinoid system are distinctly regulated in inflammatory bowel disease and colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 2358.	3.3	60
4	Cytokine-induced endogenous production of prostaglandin D2 is essential for human group 2 innate lymphoid cell activation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2202-2214.e5.	2.9	57
5	The oxidized linoleic acid metabolite 12,13-DiHOME mediates thermal hyperalgesia during inflammatory pain. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 669-678.	2.4	55
6	G protein-coupled receptor GPR55 promotes colorectal cancer and has opposing effects to cannabinoid receptor 1. <i>International Journal of Cancer</i> , 2018, 142, 121-132.	5.1	49
7	Phosphorylation of murine SAMHD1 regulates its antiretroviral activity. <i>Retrovirology</i> , 2015, 12, 103.	2.0	48
8	Oxidized phospholipids regulate amino acid metabolism through MTHFD2 to facilitate nucleotide release in endothelial cells. <i>Nature Communications</i> , 2018, 9, 2292.	12.8	44
9	Selective inactivation of hypomethylating agents by SAMHD1 provides a rationale for therapeutic stratification in AML. <i>Nature Communications</i> , 2019, 10, 3475.	12.8	43
10	The SAMHD1-mediated block of LINE-1 retroelements is regulated by phosphorylation. <i>Mobile DNA</i> , 2018, 9, 11.	3.6	40
11	Ceramide synthase 2 deficiency aggravates AOM-DSS-induced colitis in mice: role of colon barrier integrity. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3039-3055.	5.4	36
12	The Role of PGE2 in Alveolar Epithelial and Lung Microvascular Endothelial Crosstalk. <i>Scientific Reports</i> , 2017, 7, 7923.	3.3	35
13	Sphingosine Kinase-2 Deficiency Ameliorates Kidney Fibrosis by Up-Regulating Smad7 in a Mouse Model of Unilateral Ureteral Obstruction. <i>American Journal of Pathology</i> , 2017, 187, 2413-2429.	3.8	35
14	Chemosensitivity of human colon cancer cells is influenced by a p53-dependent enhancement of ceramide synthase 5 and induction of autophagy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1214-1227.	2.4	35
15	Inhibiting eicosanoid degradation exerts antifibrotic effects in a pulmonary fibrosis mouse model and human tissue. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 818-833.e11.	2.9	35
16	Quantitation of endogenous nucleoside triphosphates and nucleosides in human cells by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3693-3704.	3.7	32
17	UGCG overexpression leads to increased glycolysis and increased oxidative phosphorylation of breast cancer cells. <i>Scientific Reports</i> , 2020, 10, 8182.	3.3	32
18	An anti-inflammatory eicosanoid switch mediates the suppression of type-2 inflammation by helminth larval products. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	31

#	ARTICLE	IF	CITATIONS
19	Macrophages acquire a TNF-dependent inflammatory memory in allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 2078-2090.	2.9	31
20	The structural basis for cancer drug interactions with the catalytic and allosteric sites of SAMHD1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10022-E10031.	7.1	30
21	Sphingosine kinase 2 is a negative regulator of inflammatory macrophage activation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1235-1246.	2.4	27
22	House dust mite drives proinflammatory eicosanoid reprogramming and macrophage effector functions. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1090-1101.	5.7	26
23	High Glucosylceramides and Low Anandamide Contribute to Sensory Loss and Pain in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1822-1833.	3.9	25
24	Inflammatory macrophage memory in nonsteroidal anti-inflammatory drug-exacerbated respiratory disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 587-599.	2.9	25
25	Inhibitors of Oxidative Phosphorylation Modulate Astrocyte Inflammatory Responses through AMPK-Dependent PtgS2 mRNA Stabilization. <i>Cells</i> , 2019, 8, 1185.	4.1	24
26	Reduced association between dendritic cells and corneal sub-basal nerve fibers in patients with fibromyalgia syndrome. <i>Journal of the Peripheral Nervous System</i> , 2020, 25, 9-18.	3.1	24
27	Blood ceramides as novel markers for renal impairment in systemic lupus erythematosus. <i>Prostaglandins and Other Lipid Mediators</i> , 2019, 144, 106348.	1.9	23
28	Implementation of lipidomics in clinical routine: Can fluoride/citrate blood sampling tubes improve preanalytical stability?. <i>Talanta</i> , 2020, 209, 120593.	5.5	23
29	PAFAH1B1 and the lncRNA <i>NONHSAT073641</i> maintain an angiogenic phenotype in human endothelial cells. <i>Acta Physiologica</i> , 2016, 218, 13-27.	3.8	22
30	Machine-Learned Data Structures of Lipid Marker Serum Concentrations in Multiple Sclerosis Patients Differ from Those in Healthy Subjects. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1217.	4.1	22
31	The Lipid Status in Patients with Ulcerative Colitis: Sphingolipids are Disease-Dependent Regulated. <i>Journal of Clinical Medicine</i> , 2019, 8, 971.	2.4	22
32	Vitamin D Supplementation Enhances C18(dihydro)ceramide Levels in Type 2 Diabetes Patients. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1532.	4.1	21
33	A viral kinase counteracts in vivo restriction of murine cytomegalovirus by SAMHD1. <i>Nature Microbiology</i> , 2019, 4, 2273-2284.	13.3	19
34	Angiotensin II-AT1-receptor signaling is necessary for cyclooxygenase-2-dependent postnatal nephron generation. <i>Kidney International</i> , 2017, 91, 818-829.	5.2	17
35	Serum sphingolipids predict de novo hepatocellular carcinoma in hepatitis C cirrhotic patients with sustained virologic response. <i>Liver International</i> , 2019, 39, 2174-2183.	3.9	17
36	Ceramide Synthase 5 Deficiency Aggravates Dextran Sodium Sulfate-Induced Colitis and Colon Carcinogenesis and Impairs T-Cell Activation. <i>Cancers</i> , 2020, 12, 1753.	3.7	17

#	ARTICLE	IF	CITATIONS
37	Ca _v 1.3 calcium channels are full-range linear amplifiers of firing frequencies in lateral DA SN neurons. <i>Science Advances</i> , 2022, 8, .	10.3	17
38	Inflammation leads through PGE ₂ / EP ₃ signaling to HDAC5 / MEF2-dependent transcription in cardiac myocytes. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	16
39	Cysteinyl leukotrienes and acetylcholine are biliary tuft cell cotransmitters. <i>Science Immunology</i> , 2022, 7, eabf6734.	11.9	16
40	Preanalytical Biases in the Measurement of Human Blood Sphingolipids. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1390.	4.1	15
41	The endocannabinoid anandamide has an anti-inflammatory effect on CCL2 expression in vascular smooth muscle cells. <i>Basic Research in Cardiology</i> , 2020, 115, 34.	5.9	15
42	Prevention of age-associated neuronal hyperexcitability with improved learning and attention upon knockout or antagonism of LPAR2. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1029-1050.	5.4	15
43	Stearoylethanolamide interferes with retrograde endocannabinoid signalling and supports the blood-brain barrier integrity under acute systemic inflammation. <i>Biochemical Pharmacology</i> , 2020, 174, 113783.	4.4	12
44	Bacterial and Fungal Toll-Like Receptor Activation Elicits Type I IFN Responses in Mast Cells. <i>Frontiers in Immunology</i> , 2020, 11, 607048.	4.8	12
45	T-Cell-Specific CerS4 Depletion Prolonged Inflammation and Enhanced Tumor Burden in the AOM/DSS-Induced CAC Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1866.	4.1	12
46	Endothelial ENPP2 (Ectonucleotide Pyrophosphatase/Phosphodiesterase 2) Increases Atherosclerosis in Female and Male Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1023-1036.	2.4	12
47	CD200 selectively upregulates prostaglandin E2 and D2 synthesis in LPS-treated bone marrow-derived macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 133, 53-59.	1.9	11
48	Imatinib stimulates prostaglandin E2 and attenuates cytokine release via EP4 receptor activation. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 794-797.e10.	2.9	11
49	Inhibition of the protein kinase IKKepsilon attenuates neuropathic pain in mice. <i>Neuropharmacology</i> , 2019, 146, 198-211.	4.1	11
50	Sphingolipid and Endocannabinoid Profiles in Adult Attention Deficit Hyperactivity Disorder. <i>Biomedicines</i> , 2021, 9, 1173.	3.2	11
51	Thromboxane-Induced \pm -CGRP Release from Peripheral Neurons Is an Essential Positive Feedback Loop in Capsaicin-Induced Neurogenic Inflammation. <i>Journal of Investigative Dermatology</i> , 2019, 139, 656-664.	0.7	10
52	Diurnal regulation of sphingolipids in blood. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 304-311.	2.4	10
53	Monoacylglycerol lipase deficiency in the tumor microenvironment slows tumor growth in non-small cell lung cancer. <i>Oncolmmunology</i> , 2021, 10, 1965319.	4.6	10
54	Disruption of Prostaglandin E2 Signaling in Cancer-Associated Fibroblasts Limits Mammary Carcinoma Growth but Promotes Metastasis. <i>Cancer Research</i> , 2022, 82, 1380-1395.	0.9	10

#	ARTICLE	IF	CITATIONS
55	Omega-3 and -6 fatty acid plasma levels are not associated with liver cirrhosis-associated systemic inflammation. PLoS ONE, 2019, 14, e0211537.	2.5	9
56	Differences between intrinsic and acquired nucleoside analogue resistance in acute myeloid leukaemia cells. Journal of Experimental and Clinical Cancer Research, 2021, 40, 317.	8.6	9
57	Low Serum Levels of (Dihydro-)Ceramide Reflect Liver Graft Dysfunction in a Real-World Cohort of Patients Post Liver Transplantation. International Journal of Molecular Sciences, 2018, 19, 991.	4.1	8
58	Alox12/15 Deficiency Exacerbates, While Lipoxin A4 Ameliorates Hepatic Inflammation in Murine Alcoholic Hepatitis. Frontiers in Immunology, 2020, 11, 1447.	4.8	8
59	Serum Sphingosine-1-Phosphate Is Decreased in Patients With Acute-on-Chronic Liver Failure and Predicts Early Mortality. Hepatology Communications, 2020, 4, 1477-1486.	4.3	8
60	S1P d20:1, an endogenous modulator of S1P d18:1/S1P ₂ -dependent signaling. FASEB Journal, 2020, 34, 3932-3942.	0.5	8
61	C6 Ceramide (d18:1/6:0) as a Novel Treatment of Cutaneous T Cell Lymphoma. Cancers, 2021, 13, 270.	3.7	8
62	Inhibition of mPGES-1 attenuates efficient resolution of acute inflammation by enhancing CX3CL1 expression. Cell Death and Disease, 2021, 12, 135.	6.3	8
63	Prodrumal sensory neuropathy in <i>Pink1</i> ^{Δ²/Δ²} / <i>SNCA</i> ^{A53T} double mutant Parkinson mice. Neuropathology and Applied Neurobiology, 2021, 47, 1060-1079.	3.2	8
64	On the biosynthesis of specialized pro-resolving mediators in human neutrophils and the influence of cell integrity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2022, 1867, 159093.	2.4	8
65	A Data Science-Based Analysis Points at Distinct Patterns of Lipid Mediator Plasma Concentrations in Patients With Dementia. Frontiers in Psychiatry, 2019, 10, 41.	2.6	7
66	Sphingosine 1-phosphate levels in cerebrospinal fluid after subarachnoid hemorrhage. Neurological Research and Practice, 2020, 2, 49.	2.0	7
67	Sorafenib Treatment and Modulation of the Sphingolipid Pathway Affect Proliferation and Viability of Hepatocellular Carcinoma In Vitro. International Journal of Molecular Sciences, 2020, 21, 2409.	4.1	7
68	Inhibitors of Human 5-Lipoxygenase Potently Interfere With Prostaglandin Transport. Frontiers in Pharmacology, 2021, 12, 782584.	3.5	7
69	Serum sphingolipid levels associate with upcoming virologic events and HBV genotype D in a cohort of patients with HBeAg-negative HBV infection. PLoS ONE, 2018, 13, e0207293.	2.5	6
70	Vitamin D effects on sphingosine 1-phosphate signaling and metabolism in monocytes from type 2 diabetes patients and controls. Journal of Steroid Biochemistry and Molecular Biology, 2019, 186, 130-135.	2.5	6
71	Consistent alteration of chain length-specific ceramides in human and mouse fibrotic kidneys. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158821.	2.4	6
72	R-Flurbiprofen Traps Prostaglandins within Cells by Inhibition of Multidrug Resistance-Associated Protein-4. International Journal of Molecular Sciences, 2017, 18, 68.	4.1	5

#	ARTICLE	IF	CITATIONS
73	Sapropterin (BH4) Aggravates Autoimmune Encephalomyelitis in Mice. <i>Neurotherapeutics</i> , 2021, 18, 1862-1879.	4.4	5
74	Mouse Liver Compensates Loss of Sgpl1 by Secretion of Sphingolipids into Blood and Bile. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10617.	4.1	4
75	Exercise-Induced Changes in Bioactive Lipids Might Serve as Potential Predictors of Post-Exercise Hypotension. A Pilot Study in Healthy Volunteers. <i>Cells</i> , 2020, 9, 2111.	4.1	1