

Makoto Kurano

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3638783/makoto-kurano-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

1,247
citations

22
h-index

30
g-index

95
ext. papers

1,751
ext. citations

4.5
avg, IF

4.64
L-index

#	Paper	IF	Citations
87	Sphingosine 1-Phosphate and Atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2018 , 25, 16-26	4	59
86	Possible involvement of minor lysophospholipids in the increase in plasma lysophosphatidic acid in acute coronary syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 463-70	9.4	58
85	Liver involvement in sphingosine 1-phosphate dynamism revealed by adenoviral hepatic overexpression of apolipoprotein M. <i>Atherosclerosis</i> , 2013 , 229, 102-9	3.1	57
84	Induction of insulin secretion by apolipoprotein M, a carrier for sphingosine 1-phosphate. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 1217-26	5	40
83	Increased mRNA Levels of Sphingosine Kinases and S1P Lyase and Reduced Levels of S1P Were Observed in Hepatocellular Carcinoma in Association with Poorer Differentiation and Earlier Recurrence. <i>PLoS ONE</i> , 2016 , 11, e0149462	3.7	37
82	Sphingosine kinase-1, S1P transporter spinster homolog 2 and S1P2 mRNA expressions are increased in liver with advanced fibrosis in human. <i>Scientific Reports</i> , 2016 , 6, 32119	4.9	34
81	Sphingosine 1-phosphate release from platelets during clot formation: close correlation between platelet count and serum sphingosine 1-phosphate concentration. <i>Lipids in Health and Disease</i> , 2013 , 12, 20	4.4	33
80	Apolipoprotein M Protects Lipopolysaccharide-Treated Mice from Death and Organ Injury. <i>Thrombosis and Haemostasis</i> , 2018 , 118, 1021-1035	7	32
79	Genome-wide association study of serum lipids confirms previously reported associations as well as new associations of common SNPs within PCSK7 gene with triglyceride. <i>Journal of Human Genetics</i> , 2016 , 61, 427-33	4.3	31
78	LDL receptor and ApoE are involved in the clearance of ApoM-associated sphingosine 1-phosphate. <i>Journal of Biological Chemistry</i> , 2015 , 290, 2477-88	5.4	30
77	Autotaxin-Lysophosphatidic Acid Pathway in Intraocular Pressure Regulation and Glaucoma Subtypes 2018 , 59, 693-701		30
76	Autotaxin-lysophosphatidic acid-LPA signaling at the embryo-epithelial boundary controls decidualization pathways. <i>EMBO Journal</i> , 2017 , 36, 2146-2160	13	29
75	Modulation of sphingosine-1-phosphate and apolipoprotein M levels in the plasma, liver and kidneys in streptozotocin-induced diabetic mice. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 639-48	3.9	29
74	Sitosterol prevents obesity-related chronic inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 191-198	5	29
73	Plant sterols increased IL-6 and TNF- β secretion from macrophages, but to a lesser extent than cholesterol. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011 , 18, 373-83	4	27
72	Protection Against Insulin Resistance by Apolipoprotein M/Sphingosine-1-Phosphate. <i>Diabetes</i> , 2020 , 69, 867-881	0.9	27
71	Role of the Autotaxin-LPA Pathway in Dexamethasone-Induced Fibrotic Responses and Extracellular Matrix Production in Human Trabecular Meshwork Cells 2018 , 59, 21-30		27

70	Lysophospholipids in laboratory medicine. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2018 , 94, 373-389	4	26
69	Higher LPA2 and LPA6 mRNA Levels in Hepatocellular Carcinoma Are Associated with Poorer Differentiation, Microvascular Invasion and Earlier Recurrence with Higher Serum Autotaxin Levels. <i>PLoS ONE</i> , 2016 , 11, e0161825	3.7	25
68	Different origins of lysophospholipid mediators between coronary and peripheral arteries in acute coronary syndrome. <i>Journal of Lipid Research</i> , 2017 , 58, 433-442	6.3	23
67	Lysophosphatidylserine has Bilateral Effects on Macrophages in the Pathogenesis of Atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015 , 22, 518-26	4	23
66	Blood levels of serotonin are specifically correlated with plasma lysophosphatidylserine among the glycerol-lysophospholipids. <i>BBA Clinical</i> , 2015 , 4, 92-8		22
65	Lysophosphatidic acid is associated with neuropathic pain intensity in humans: An exploratory study. <i>PLoS ONE</i> , 2018 , 13, e0207310	3.7	22
64	Analysis of glycerol-lysophospholipids in gastric cancerous ascites. <i>Journal of Lipid Research</i> , 2017 , 58, 763-771	6.3	21
63	Involvement of CETP (Cholesteryl Ester Transfer Protein) in the Shift of Sphingosine-1-Phosphate Among Lipoproteins and in the Modulation of its Functions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 506-514	9.4	21
62	Modulation of lipid metabolism with the overexpression of NPC1L1 in mouse liver. <i>Journal of Lipid Research</i> , 2012 , 53, 2275-85	6.3	18
61	Time course of the sensitivity and specificity of anti-SARS-CoV-2 IgM and IgG antibodies for symptomatic COVID-19 in Japan. <i>Scientific Reports</i> , 2021 , 11, 2776	4.9	17
60	Association between serum autotaxin or phosphatidylserine-specific phospholipase A1 levels and melanoma. <i>Journal of Dermatology</i> , 2018 , 45, 571-579	1.6	16
59	Resveratrol exerts a biphasic effect on apolipoprotein M. <i>British Journal of Pharmacology</i> , 2016 , 173, 222-33	8.6	16
58	Vehicle-dependent Effects of Sphingosine 1-phosphate on Plasminogen Activator Inhibitor-1 Expression. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017 , 24, 954-969	4	15
57	Evidence Suggests Sphingosine 1-Phosphate Might Be Actively Generated, Degraded, and Transported to Extracellular Spaces With Increased S1P and S1P Expression in Colon Cancer. <i>Clinical Colorectal Cancer</i> , 2018 , 17, e171-e182	3.8	15
56	Performance of autotaxin as a serum marker for liver fibrosis. <i>Annals of Clinical Biochemistry</i> , 2018 , 55, 469-477	2.2	15
55	Simultaneous Quantification of Sphingolipids in Small Quantities of Liver by LC-MS/MS. <i>Mass Spectrometry</i> , 2014 , 3, S0046	1.7	15
54	LXR agonist increases apoE secretion from HepG2 spheroid, together with an increased production of VLDL and apoE-rich large HDL. <i>Lipids in Health and Disease</i> , 2011 , 10, 134	4.4	15
53	Detection of novel visible-light region absorbance peaks in the urine after alkalization in patients with alkaptonuria. <i>PLoS ONE</i> , 2014 , 9, e86606	3.7	14

52	Apolipoprotein M suppresses the phenotypes of IgA nephropathy in hyper-IgA mice. <i>FASEB Journal</i> , 2019 , 33, 5181-5195	0.9	14
51	Increased aqueous autotaxin and lysophosphatidic acid levels are potential prognostic factors after trabeculectomy in different types of glaucoma. <i>Scientific Reports</i> , 2018 , 8, 11304	4.9	12
50	A New Enzyme Immunoassay for the Quantitative Determination of Classical Autotaxins (ATX α and ATX β) and Novel Autotaxins (ATX γ and ATX δ). <i>PLoS ONE</i> , 2015 , 10, e0130074	3.7	12
49	Involvement of autotaxin in the pathophysiology of elevated intraocular pressure in Posner-Schlossman syndrome. <i>Scientific Reports</i> , 2020 , 10, 6265	4.9	12
48	Prognostic impact of homocysteine levels and homocysteine thiolactonase activity on long-term clinical outcomes in patients undergoing percutaneous coronary intervention. <i>Journal of Cardiology</i> , 2017 , 69, 830-835	3	11
47	Analysis of urinary sphingolipids using liquid chromatography-tandem mass spectrometry in diabetic nephropathy. <i>Journal of Diabetes Investigation</i> , 2020 , 11, 441-449	3.9	11
46	Sphingosine kinase-2 prevents macrophage cholesterol accumulation and atherosclerosis by stimulating autophagic lipid degradation. <i>Scientific Reports</i> , 2019 , 9, 18329	4.9	11
45	Hepatic NPC1L1 overexpression ameliorates glucose metabolism in diabetic mice via suppression of gluconeogenesis. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 588-96	12.7	10
44	Redox state of albumin affects its lipid mediator binding characteristics. <i>Free Radical Research</i> , 2019 , 53, 892-900	4	10
43	Alteration of the lysophosphatidic acid and its precursor lysophosphatidylcholine levels in spinal cord stenosis: A study using a rat cauda equina compression model. <i>Scientific Reports</i> , 2019 , 9, 16578	4.9	10
42	Serum phosphatidylserine-specific phospholipase A as a novel biomarker for monitoring systemic lupus erythematosus disease activity. <i>International Journal of Rheumatic Diseases</i> , 2019 , 22, 2059-2066	2.3	10
41	Dihydro-sphingosine 1-phosphate interacts with carrier proteins in a manner distinct from that of sphingosine 1-phosphate. <i>Bioscience Reports</i> , 2018 , 38,	4.1	10
40	Soluble CLEC-2 is generated independently of ADAM10 and is increased in plasma in acute coronary syndrome: comparison with soluble GPVI. <i>International Journal of Hematology</i> , 2019 , 110, 285-294	2.3	9
39	Regulation of the metabolism of apolipoprotein M and sphingosine 1-phosphate by hepatic PPAR α activity. <i>Biochemical Journal</i> , 2018 , 475, 2009-2024	3.8	9
38	Evaluation of Lysophospholipid Measurement in Cerebrospinal Fluid Samples using Liquid Chromatography-Tandem Mass Spectrometry. <i>Lipids</i> , 2019 , 54, 487-500	1.6	9
37	Involvement of Band3 in the efflux of sphingosine 1-phosphate from erythrocytes. <i>PLoS ONE</i> , 2017 , 12, e0177543	3.7	8
36	Clot waveform of APTT has abnormal patterns in subjects with COVID-19. <i>Scientific Reports</i> , 2021 , 11, 5190	4.9	8
35	Aqueous autotaxin and TGF- β are promising diagnostic biomarkers for distinguishing open-angle glaucoma subtypes. <i>Scientific Reports</i> , 2021 , 11, 1408	4.9	8

34	Possible involvement of PS-PLA1 and lysophosphatidylserine receptor (LPS1) in hepatocellular carcinoma. <i>Scientific Reports</i> , 2020 , 10, 2659	4.9	7
33	Facilitatory effect of insulin treatment on hepatocellular carcinoma development in diabetes. <i>BMC Research Notes</i> , 2017 , 10, 478	2.3	7
32	Validation of a new automated chemiluminescent anti-SARS-CoV-2 IgM and IgG antibody assay system detecting both N and S proteins in Japan. <i>PLoS ONE</i> , 2021 , 16, e0247711	3.7	7
31	Glycation of HDL Polymerizes Apolipoprotein M and Attenuates Its Capacity to Bind to Sphingosine 1-Phosphate. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021 , 28, 730-741	4	6
30	Elevated phosphatidylserine-specific phospholipase A1 level in hyperthyroidism. <i>Clinica Chimica Acta</i> , 2020 , 503, 99-106	6.2	6
29	Regulation of plasma glycerol-lysophospholipid levels by lipoprotein metabolism. <i>Biochemical Journal</i> , 2019 , 476, 3565-3581	3.8	6
28	Higher serum levels of autotaxin and phosphatidylserine-specific phospholipase A in patients with lupus nephritis. <i>International Journal of Rheumatic Diseases</i> , 2021 , 24, 231-239	2.3	6
27	Serum autotaxin levels are associated with GravesTisease. <i>Endocrine Journal</i> , 2019 , 66, 409-422	2.9	5
26	Possible involvement of sphingomyelin in the regulation of the plasma sphingosine 1-phosphate level in human subjects. <i>Clinical Biochemistry</i> , 2015 , 48, 690-7	3.5	5
25	Measurement of SARS-CoV-2 Antibody Titers Improves the Prediction Accuracy of COVID-19 Maximum Severity by Machine Learning in Non-Vaccinated Patients.. <i>Frontiers in Immunology</i> , 2022 , 13, 811952	8.4	4
24	Lysophosphatidylcholine mediates fast decline in kidney function in diabetic kidney disease. <i>Kidney International</i> , 2021 ,	9.9	4
23	Lysophosphatidylinositol, especially albumin-bound form, induces inflammatory cytokines in macrophages. <i>FASEB Journal</i> , 2021 , 35, e21673	0.9	4
22	Autotaxin and soluble IL-2 receptor concentrations in cerebrospinal fluids are useful for the diagnosis of central nervous system invasion caused by haematological malignancies. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 240-246	2.2	3
21	Serum GM3(d18:1-16:0) and GM3(d18:1-24:1) levels may be associated with lymphoma: An exploratory study with haematological diseases. <i>Scientific Reports</i> , 2019 , 9, 6308	4.9	3
20	Establishment of a Measurement System for Sphingolipids in the Cerebrospinal Fluid Based on Liquid Chromatography-Tandem Mass Spectrometry, and Its Application in the Diagnosis of Carcinomatous Meningitis. <i>journal of applied laboratory medicine, The</i> , 2020 , 5, 656-670	2	3
19	Urinary autotaxin concentrations are associated with kidney injury. <i>Clinica Chimica Acta</i> , 2020 , 509, 156-165		3
18	Use of gas chromatography mass spectrometry to elucidate metabolites predicting the phenotypes of IgA nephropathy in hyper IgA mice. <i>PLoS ONE</i> , 2019 , 14, e0219403	3.7	3
17	Light Stress-Induced Increase of Sphingosine 1-Phosphate in Photoreceptors and Its Relevance to Retinal Degeneration. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	3

16	Interpretations of SARS-CoV-2 IgM and IgG antibody titers in the seroepidemiological study of asymptomatic healthy volunteers. <i>Journal of Infection and Chemotherapy</i> , 2021 ,	2.2	3
15	Response kinetics of different classes of antibodies to SARS-CoV2 infection in the Japanese population: The IgA and IgG titers increased earlier than the IgM titers.. <i>International Immunopharmacology</i> , 2021 , 103, 108491	5.8	3
14	Crosstalk between transforming growth factor β and Autotaxin in trabecular meshwork and different subtypes of glaucoma. <i>Journal of Biomedical Science</i> , 2021 , 28, 47	13.3	3
13	Simultaneous analyses of urinary eicosanoids and related mediators identified tetranor-prostaglandin E metabolite as a novel biomarker of diabetic nephropathy. <i>Journal of Lipid Research</i> , 2021 , 100120	6.3	3
12	Validation of a new automated chemiluminescent anti-SARS-CoV-2 IgM and IgG antibody assay system detecting both N and S proteins in Japan		2
11	Inhibition of autotaxin activity ameliorates neuropathic pain derived from lumbar spinal canal stenosis. <i>Scientific Reports</i> , 2021 , 11, 3984	4.9	2
10	Neuroprotective role of sphingolipid rheostat in excitotoxic retinal ganglion cell death. <i>Experimental Eye Research</i> , 2021 , 208, 108623	3.7	2
9	Increase in serum levels of phosphatidylserine-specific phospholipase A in COVID-19 patients. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 2275-2277	15.4	2
8	Clinical usefulness of multigene screening with phenotype-driven bioinformatics analysis for the diagnosis of patients with monogenic diabetes or severe insulin resistance. <i>Diabetes Research and Clinical Practice</i> , 2020 , 169, 108461	7.4	1
7	Modulation of sphingosine 1-phosphate by hepatobiliary cholesterol handling. <i>FASEB Journal</i> , 2020 , 34, 14655-14670	0.9	1
6	Epidemiological study using IgM and IgG antibody titers against SARS-CoV-2 in The University of Tokyo, Japan (UT-CATS). <i>Journal of Infection and Chemotherapy</i> , 2021 , 27, 1342-1349	2.2	1
5	COVID-19 in an adolescent with aplastic anemia undergoing immunosuppressive therapy: A case report and details of antibody testing for SARS-CoV-2. <i>Pediatric Blood and Cancer</i> , 2021 , e29332	3	1
4	Association of the Serum Levels of the Nucleocapsid Antigen of SARS-CoV-2 With the Diagnosis, Disease Severity, and Antibody Titers in Patients With COVID-19: A Retrospective Cross-Sectional Study.. <i>Frontiers in Microbiology</i> , 2021 , 12, 791489	5.7	1
3	Midstream urine sampling is necessary for accurate measurement of the urinary level of neutrophil gelatinase-associated lipocalin in healthy female subjects. <i>Clinical Biochemistry</i> , 2020 , 79, 70-74	3.5	0
2	Urine autotaxin levels reflect the disease activity of sarcoidosis.. <i>Scientific Reports</i> , 2022 , 12, 4372	4.9	0
1	Possible involvement of minor lysophospholipids in the pathogenesis of acute coronary syndrome. <i>Japanese Journal of Thrombosis and Hemostasis</i> , 2016 , 27, 460-465	0	