

# Atsushi Yamashita

## List of Publications by Year in descending order

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74  
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5,515  
citations

172386

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82499

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docs citations

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times ranked

5539  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression and Distribution of GPR55, a Receptor for Lysophosphatidylinositol, in Mouse Tissues and Cells. <i>BPB Reports</i> , 2022, 5, 16-20.	0.1	2
2	<i>Mycobacterium leprae</i> promotes triacylglycerol de novo synthesis through induction of GPAT3 expression in human premonocytic THP-1 cells. <i>PLoS ONE</i> , 2021, 16, e0249184.	1.1	6
3	Phosphorylation of human phospholipase A1 DDHD1 at newly identified phosphosites affects its subcellular localization. <i>Journal of Biological Chemistry</i> , 2021, 297, 100851.	1.6	7
4	(4-Hydroxyphenyl) Retinamide Suppresses SARS-CoV-2 Spike Protein-Mediated Cell-Cell Fusion by a Dihydroceramide $\Delta^4$ -Desaturase 1-Independent Mechanism. <i>Journal of Virology</i> , 2021, 95, e0080721.	1.5	6
5	Acyl-CoA thioesterase activity of peroxisomal ABC protein ABCD1 is required for the transport of very long-chain acyl-CoA into peroxisomes. <i>Scientific Reports</i> , 2021, 11, 2192.	1.6	16
6	Diacylglycerol kinase $\hat{1}$ and sphingomyelin synthase-related protein functionally interact via their sterile $\hat{1}$ motif domains. <i>Journal of Biological Chemistry</i> , 2020, 295, 2932-2947.	1.6	17
7	Hexacosenoyl-CoA is the most abundant very long-chain acyl-CoA in ATP binding cassette transporter D1-deficient cells. <i>Journal of Lipid Research</i> , 2020, 61, 523-536.	2.0	9
8	Transcriptional Regulation of Acyl-CoA:Glycerol-sn-3-Phosphate Acyltransferases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 964.	1.8	25
9	Complex formation of sphingomyelin synthase 1 with glucosylceramide synthase increases sphingomyelin and decreases glucosylceramide levels. <i>Journal of Biological Chemistry</i> , 2018, 293, 17505-17522.	1.6	25
10	Carboxyl-terminal Tail-mediated Homodimerizations of Sphingomyelin Synthases Are Responsible for Efficient Export from the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2017, 292, 1122-1141.	1.6	8
11	Coenzyme-A-Independent Transacylation System; Possible Involvement of Phospholipase A2 in Transacylation. <i>Biology</i> , 2017, 6, 23.	1.3	28
12	Novel Lysophospholipid Acyltransferase PLAT1 of <i>Aurantiochytrium limacinum</i> F26-b Responsible for Generation of Palmitate-Docosahexaenoate-Phosphatidylcholine and Phosphatidylethanolamine. <i>PLoS ONE</i> , 2014, 9, e102377.	1.1	14
13	Glycerophosphate/Acylglycerophosphate Acyltransferases. <i>Biology</i> , 2014, 3, 801-830.	1.3	101
14	Genome-wide linkage and exome analyses identify variants of HMCN1 for splenic epidermoid cyst. <i>BMC Medical Genetics</i> , 2014, 15, 115.	2.1	3
15	Acyltransferases and transacylases that determine the fatty acid composition of glycerolipids and the metabolism of bioactive lipid mediators in mammalian cells and model organisms. <i>Progress in Lipid Research</i> , 2014, 53, 18-81.	5.3	203
16	Sphingomyelin Synthase 2, but Not Sphingomyelin Synthase 1, Is Involved in HIV-1 Envelope-mediated Membrane Fusion. <i>Journal of Biological Chemistry</i> , 2014, 289, 30842-30856.	1.6	26
17	The actions and metabolism of lysophosphatidylinositol, an endogenous agonist for GPR55. <i>Prostaglandins and Other Lipid Mediators</i> , 2013, 107, 103-116.	1.0	64
18	Alteration of Fatty-Acid-Metabolizing Enzymes Affects Mitochondrial Form and Function in Hereditary Spastic Paraplegia. <i>American Journal of Human Genetics</i> , 2012, 91, 1051-1064.	2.6	179

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19	Functional characterization of Rat Plasma Membrane Monoamine Transporter in the Bloodâ€“Brain and Bloodâ€“Cerebrospinal Fluid Barriers. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3924-3938.	1.6	41
20	Facile Synthesis of Stereoisomers of the Non-Secosteroidal Ligand LG190178 and their Evaluation Using the Mutant Vitamin D Receptor. <i>Letters in Organic Chemistry</i> , 2011, 8, 43-47.	0.2	7
21	Title is missing!. <i>Kagaku To Seibutsu</i> , 2010, 48, 301-304.	0.0	0
22	Lysophosphatidylinositol induces rapid phosphorylation of p38 mitogen-activated protein kinase and activating transcription factor 2 in HEK293 cells expressing GPR55 and IM-9 lymphoblastoid cells. <i>Journal of Biochemistry</i> , 2010, 147, 671-678.	0.9	86
23	Generation of lysophosphatidylinositol by DDHD domain containing 1 (DDHD1): Possible involvement of phospholipase D/phosphatidic acid in the activation of DDHD1. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 711-720.	1.2	57
24	GPR35 is a novel lysophosphatidic acid receptor. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 232-237.	1.0	115
25	Synthesis of a 1 $\pm$ -C-methyl analogue of 25-hydroxyvitamin D3: interaction with a mutant vitamin D receptor Arg274Leu. <i>Tetrahedron</i> , 2009, 65, 7135-7145.	1.0	10
26	Subcellular localization and lysophospholipase/transacylation activities of human group IVC phospholipase A2 (cPLA2 $\beta$ ). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 1011-1022.	1.2	36
27	The 2 $\pm$ -(3-hydroxypropyl) group as an active motif in vitamin D3 analogues as agonists of the mutant vitamin D receptor (Arg274Leu). <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 3002-3024.	1.4	16
28	(2S,2 $\pm$ R)-Analogue of LG190178 is a major active isomer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 120-123.	1.0	25
29	Antitumour effect of polyoxomolybdates: induction of apoptotic cell death and autophagy in in vitro and in vivo models. <i>British Journal of Cancer</i> , 2008, 98, 399-409.	2.9	102
30	Phosphatidic acid metabolism regulates the intracellular trafficking and retrotranslocation of CFTR. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 153-162.	1.9	9
31	2-Arachidonoyl-sn-glycero-3-phosphoinositol: A Possible Natural Ligand for GPR55. <i>Journal of Biochemistry</i> , 2008, 145, 13-20.	0.9	162
32	Involvement of PlsX and the acyl-phosphate dependent sn-glycerol-3-phosphate acyltransferase PlsY in the initial stage of glycerolipid synthesis in <i>Bacillus subtilis</i> . <i>Genes and Genetic Systems</i> , 2008, 83, 433-442.	0.2	17
33	Inhibition of Cytosolic Phospholipase A2 Suppresses Production of Cholesteryl Ester through the Reesterification of Free Cholesterol but not Formation of Foam Cells in Oxidized LDL-Stimulated Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 6-12.	0.6	11
34	Involvement of ACSL in local synthesis of neutral lipids in cytoplasmic lipid droplets in human hepatocyte HuH7. <i>Journal of Lipid Research</i> , 2007, 48, 1280-1292.	2.0	138
35	Topology of acyltransferase motifs and substrate specificity and accessibility in 1-acyl-sn-glycero-3-phosphate acyltransferase 1. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 1202-1215.	1.2	75
36	Identification of GPR55 as a lysophosphatidylinositol receptor. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 928-934.	1.0	393

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37	Roles of C-Terminal Processing, and Involvement in Transacylation Reaction of Human Group IVC Phospholipase A2 (cPLA2 $\beta$ ). <i>Journal of Biochemistry</i> , 2005, 137, 557-567.	0.9	32
38	Reverse Reaction of Lysophosphatidylinositol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2003, 278, 30382-30393.	1.6	21
39	ATP-independent Fatty Acyl-Coenzyme A Synthesis from Phospholipid. <i>Journal of Biological Chemistry</i> , 2001, 276, 26745-26752.	1.6	29
40	Peroxisomal Membrane Protein Pmp47 Is Essential in the Metabolism of Middle-chain Fatty Acid in Yeast Peroxisomes and Is Associated with Peroxisome Proliferation. <i>Journal of Biological Chemistry</i> , 2000, 275, 3455-3461.	1.6	44
41	Characterization of the 70-kDa Peroxisomal Membrane Protein, an ATP Binding Cassette Transporter. <i>Journal of Biological Chemistry</i> , 1999, 274, 11968-11976.	1.6	82
42	Acyltransferases and Transacylases Involved in Fatty Acid Remodeling of Phospholipids and Metabolism of Bioactive Lipids in Mammalian Cells. <i>Journal of Biochemistry</i> , 1997, 122, 1-16.	0.9	253
43	Inhibition of UDP-glucuronosyltransferase activity by fatty acyl-CoA. <i>Biochemical Pharmacology</i> , 1997, 53, 561-570.	2.0	15
44	Inhibition by 2-Arachidonoylglycerol, a Novel Type of Possible Neuromodulator, of the Depolarization-Induced Increase in Intracellular Free Calcium in Neuroblastoma A— Glioma Hybrid NG108-15 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 207-210.	1.0	66
45	N-Arachidonylethanolamine (anandamide), an endogenous cannabinoid receptor ligand, and related lipid molecules in the nervous tissues. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1996, 14, 51-56.	1.0	20
46	Enzymatic Synthesis of Anandamide, an Endogenous Cannabinoid Receptor Ligand, through N-Acylphosphatidylethanolamine Pathway in Testis: Involvement of Ca <sup>2+</sup> -Dependent Transacylase and Phosphodiesterase Activities. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 113-117.	1.0	200
47	2-Arachidonoylglycerol, a Putative Endogenous Cannabinoid Receptor Ligand, Induces Rapid, Transient Elevation of Intracellular Free Ca <sup>2+</sup> in Neuroblastoma A— Glioma Hybrid NG108-15 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 58-64.	1.0	164
48	Enzymatic synthesis of oleamide (cis-9,10-octadecenoamide), an endogenous sleep-inducing lipid, by rat brain microsomes. <i>IUBMB Life</i> , 1996, 40, 931-938.	1.5	16
49	Transacylase-Mediated and Phosphodiesterase-Mediated Synthesis of N-Arachidonylethanolamine, an Endogenous Cannabinoid Receptor Ligand, in Rat Brain Microsomes. <i>FEBS Journal</i> , 1996, 240, 53-62.	0.2	196
50	Acyl-CoA binding and acylation of UDP-glucuronosyltransferase isoforms of rat liver: their effect on enzyme activity. <i>Biochemical Journal</i> , 1995, 312, 301-308.	1.7	39
51	2-Arachidonoylglycerol: A Possible Endogenous Cannabinoid Receptor Ligand in Brain. <i>Biochemical and Biophysical Research Communications</i> , 1995, 215, 89-97.	1.0	1,977
52	Coenzyme A-dependent cleavage of membrane phospholipids in several rat tissues: ATP-independent acyl-CoA synthesis and the generation of lysophospholipids. <i>Lipids and Lipid Metabolism</i> , 1995, 1255, 167-176.	2.6	32
53	Platelet-activating factor and its structural analogues in the earthworm <i>Eisenia foetida</i> . <i>Lipids and Lipid Metabolism</i> , 1995, 1258, 19-26.	2.6	11
54	Coenzyme A-dependent modification of fatty acyl chains of rat liver membrane phospholipids: possible involvement of ATP-independent acyl-CoA synthesis.. <i>Journal of Lipid Research</i> , 1995, 36, 440-450.	2.0	19

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55	Coenzyme A-dependent modification of fatty acyl chains of rat liver membrane phospholipids: possible involvement of ATP-independent acyl-CoA synthesis. <i>Journal of Lipid Research</i> , 1995, 36, 440-50.	2.0	14
56	Induction of coenzyme A-dependent transacylation activity in rat liver microsomes by administration of clofibrate. <i>Lipids and Lipid Metabolism</i> , 1994, 1211, 263-269.	2.6	15
57	Reduction of mono(ADP-ribosyl) ation of 20 kDa protein with maturation in rat testis: involvement of guanine nucleotides. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1091, 46-50.	1.9	3
58	Difference in sensitivity to alkaline phosphatase treatment between rat reticulocyte membranes in which $\hat{I}^2$ -adrenoceptor desensitization was induced by isoproterenol, dibutyryl cAMP and phorbol ester. <i>European Journal of Pharmacology</i> , 1990, 188, 229-234.	2.7	2
59	Decreased d-glucose transport across renal brush-border membrane vesicles from streptozotocin-induced diabetic rats. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1021, 114-118.	1.4	34
60	Reduction in the stability of the GS-catalytic unit complex of adenylate cyclase in isoproterenol-induced heterologous desensitization. <i>European Journal of Pharmacology</i> , 1989, 159, 247-256.	1.7	9
61	Effective inhibition by pentobarbital of forskolin-stimulated adenylate cyclase activity in rat brain.. <i>Chemical and Pharmaceutical Bulletin</i> , 1989, 37, 3142-3144.	0.6	6
62	Isolation of inhibitors of adenylate cyclase from dan-shen, the root of <i>Salvia miltiorrhiza</i> .. <i>Chemical and Pharmaceutical Bulletin</i> , 1989, 37, 1287-1290.	0.6	58
63	Phorbol ester regulates stimulatory and inhibitory pathways of the hormone-sensitive adenylate cyclase system in rat reticulocytes. <i>European Journal of Pharmacology</i> , 1988, 151, 167-175.	1.7	21
64	Inhibition of rat brain adenylate cyclase activity by benzodiazepine through the effects on Gi and catalytic proteins. <i>Life Sciences</i> , 1988, 42, 469-475.	2.0	16
65	Involvement of the inhibitory GTP-binding regulatory protein and a low-affinity benzodiazepine receptor in the inhibitory effect of diazepam on rat brain adenylate cyclase system.. <i>The Japanese Journal of Pharmacology</i> , 1988, 47, 81-86.	1.2	1
66	The inhibitory effect of methanol on forskolin-activated adenylate cyclase in rat erythrocyte membranes dependent on the state of the guanine nucleotide-binding stimulatory and regulatory protein.. <i>Journal of Pharmacobio-dynamics</i> , 1988, 11, 377-380.	0.5	1
67	Involvement of the Inhibitory GTP-Binding Regulatory Protein and a Low-Affinity Benzodiazepine Receptor in the Inhibitory Effect of Diazepam on Rat Brain Adenylate Cyclase System. <i>The Japanese Journal of Pharmacology</i> , 1988, 47, 81-86.	1.2	0
68	Changes in Apparent Functions of Component Proteins of Adenylate Cyclase System in Rat Brain by Drugs Acting on the Central Nervous System. <i>Advances in Experimental Medicine and Biology</i> , 1988, 236, 287-299.	0.8	3
69	Characterization of heterologous desensitization of rat reticulocyte adenylate cyclase system.. <i>Journal of Pharmacobio-dynamics</i> , 1987, 10, 250-254.	0.5	4
70	Inhibition of brain adenylate cyclase by barbiturates through the effect on the interaction between guanine nucleotide-binding stimulatory regulatory protein and catalitic unit.. <i>Journal of Pharmacobio-dynamics</i> , 1987, 10, 98-103.	0.5	8
71	Protein kinases induce isoproterenol desensitization of $\hat{I}^2$ -adrenoceptor-coupled adenylate cyclase system: significance of receptor occupancy. <i>European Journal of Pharmacology</i> , 1987, 143, 19-26.	1.7	4
72	Induction of desensitization by phorbol ester to $\hat{I}^2$ -adrenergic agonist stimulation in adenylate cyclase system of rat reticulocytes. <i>Biochemical and Biophysical Research Communications</i> , 1986, 138, 125-130.	1.0	20

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73	Relationship between the inhibition of adenylate cyclase by pentobarbital and the functional coupling of Ns and the catalytic unit. <i>Biochemical and Biophysical Research Communications</i> , 1986, 140, 237-242.	1.0	7
74	Forskolin stabilizes a functionally coupled state between activated guanine nucleotide-binding stimulatory regulatory protein, Ns, and catalytic protein of adenylate cyclase system in rat erythrocytes. <i>Biochemical and Biophysical Research Communications</i> , 1986, 137, 190-194.	1.0	34