

Yutaka Yatomi

List of Publications by Year in descending order

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426
papers

16,289
citations

19657

61
h-index

28297

105
g-index

450
all docs

450
docs citations

450
times ranked

16328
citing authors

#	ARTICLE	IF	CITATIONS
1	International clinical harmonization of glycated hemoglobin in Japan: From Japan Diabetes Society to National Glycohemoglobin Standardization Program values. <i>Journal of Diabetes Investigation</i> , 2012, 3, 39-40.	2.4	731
2	Involvement of the Snake Toxin Receptor CLEC-2, in Podoplanin-mediated Platelet Activation, by Cancer Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 25993-26001.	3.4	442
3	Autotaxin Stabilizes Blood Vessels and Is Required for Embryonic Vasculature by Producing Lysophosphatidic Acid. <i>Journal of Biological Chemistry</i> , 2006, 281, 25822-25830.	3.4	418
4	Intelligent Image-Activated Cell Sorting. <i>Cell</i> , 2018, 175, 266-276.e13.	28.9	395
5	EDG1 Is a Functional Sphingosine-1-phosphate Receptor That Is Linked via a Gi/o to Multiple Signaling Pathways, Including Phospholipase C Activation, Ca ²⁺ Mobilization, Ras-Mitogen-activated Protein Kinase Activation, and Adenylate Cyclase Inhibition. <i>Journal of Biological Chemistry</i> , 1998, 273, 27104-27110.	3.4	251
6	Multiple renal cysts, urinary concentration defects, and pulmonary emphysematous changes in mice lacking TAZ. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F542-F553.	2.7	241
7	Essential in Vivo Roles of the C-type Lectin Receptor CLEC-2. <i>Journal of Biological Chemistry</i> , 2010, 285, 24494-24507.	3.4	232
8	Multiple Mechanisms Linked to Platelet Activation Result in Lysophosphatidic Acid and Sphingosine 1-Phosphate Generation in Blood. <i>Journal of Biological Chemistry</i> , 2002, 277, 21197-21206.	3.4	229
9	Epigenetic modulation of the renal β -adrenergic-WNK4 pathway in salt-sensitive hypertension. <i>Nature Medicine</i> , 2011, 17, 573-580.	30.7	223
10	Serum metabolomics reveals β -glutamyl dipeptides as biomarkers for discrimination among different forms of liver disease. <i>Journal of Hepatology</i> , 2011, 55, 896-905.	3.7	217
11	Sphingosine 1-phosphate as a major bioactive lysophospholipid that is released from platelets and interacts with endothelial cells. <i>Blood</i> , 2000, 96, 3431-3438.	1.4	210
12	International clinical harmonization of glycated hemoglobin in Japan: From Japan Diabetes Society to National Glycohemoglobin Standardization Program values. <i>Diabetology International</i> , 2012, 3, 8-10.	1.4	202
13	Enhancement of sphingosine 1-phosphate-induced migration of vascular endothelial cells and smooth muscle cells by an EDG-5 antagonist. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 483-487.	2.1	196
14	Sphingosine 1-Phosphate Induces Platelet Activation through an Extracellular Action and Shares a Platelet Surface Receptor with Lysophosphatidic Acid. <i>Journal of Biological Chemistry</i> , 1997, 272, 5291-5297.	3.4	195
15	The novel sphingosine 1-phosphate receptor AGR16 is coupled via pertussis toxin-sensitive and -insensitive G-proteins to multiple signalling pathways. <i>Biochemical Journal</i> , 1999, 337, 67-75.	3.7	189
16	N,N-Dimethylsphingosine Inhibition of Sphingosine Kinase and Sphingosine 1-Phosphate Activity in Human Platelets. <i>Biochemistry</i> , 1996, 35, 626-633.	2.5	176
17	Both Plasma Lysophosphatidic Acid and Serum Autotaxin Levels are Increased in Chronic Hepatitis C. <i>Journal of Clinical Gastroenterology</i> , 2007, 41, 616-623.	2.2	176
18	Sphingosine 1-phosphate: synthesis and release. <i>Prostaglandins and Other Lipid Mediators</i> , 2001, 64, 107-122.	1.9	172

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19	Sphingosine 1-phosphate induces contraction of coronary artery smooth muscle cells via S1P. <i>Cardiovascular Research</i> , 2003, 58, 170-177.	3.8	168
20	Essential Roles of Sphingosine 1-Phosphate/S1P1Receptor Axis in the Migration of Neural Stem Cells Toward a Site of Spinal Cord Injury. <i>Stem Cells</i> , 2007, 25, 115-124.	3.2	167
21	EDG3 Is a Functional Receptor Specific for Sphingosine 1-Phosphate and Sphingosylphosphorylcholine with Signaling Characteristics Distinct from EDG1 and AGR16. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 203-208.	2.1	164
22	Fibroblast growth factor 23 accelerates phosphate-induced vascular calcification in the absence of Klotho deficiency. <i>Kidney International</i> , 2014, 85, 1103-1111.	5.2	158
23	A possible role of sphingosine in induction of apoptosis by tumor necrosis factor- α , in human neutrophils. <i>FEBS Letters</i> , 1994, 355, 267-270.	2.8	154
24	Platelet Activation Receptor CLEC-2 Regulates Blood/Lymphatic Vessel Separation by Inhibiting Proliferation, Migration, and Tube Formation of Lymphatic Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 22241-22252.	3.4	136
25	Label-free chemical imaging flow cytometry by high-speed multicolor stimulated Raman scattering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15842-15848.	7.1	130
26	Optimized Preparation Method of Platelet-Concentrated Plasma and Noncoagulating Platelet-Derived Factor Concentrates: Maximization of Platelet Concentration and Removal of Fibrinogen. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 176-185.	2.1	127
27	Role of Fc receptor β -chain in platelet glycoprotein Ib α -mediated signaling. <i>Blood</i> , 2001, 97, 3836-3845.	1.4	118
28	High-throughput imaging flow cytometry by optofluidic time-stretch microscopy. <i>Nature Protocols</i> , 2018, 13, 1603-1631.	12.0	112
29	Sphingosine 1-phosphate regulates regeneration and fibrosis after liver injury via sphingosine 1-phosphate receptor 2. <i>Journal of Lipid Research</i> , 2009, 50, 556-564.	4.2	111
30	Sphingosine 1-Phosphate and Atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2018, 25, 16-26.	2.0	110
31	Metabolism and functional effects of sphingolipids in blood cells. <i>British Journal of Haematology</i> , 1999, 107, 282-293.	2.5	107
32	Induction and Suppression of Endothelial Cell Apoptosis by Sphingolipids: A Possible In Vitro Model for Cell-Cell Interactions Between Platelets and Endothelial Cells. <i>Blood</i> , 1999, 93, 4293-4299.	1.4	104
33	Serum autotaxin measurement in haematological malignancies: a promising marker for follicular lymphoma. <i>British Journal of Haematology</i> , 2008, 143, 60-70.	2.5	103
34	Validation of an autotaxin enzyme immunoassay in human serum samples and its application to hypoalbuminemia differentiation. <i>Clinica Chimica Acta</i> , 2008, 388, 51-58.	1.1	99
35	Hyperfibrinogenemia is associated with lymphatic as well as hematogenous metastasis and worse clinical outcome in T2 gastric cancer. <i>BMC Cancer</i> , 2006, 6, 147.	2.6	94
36	Plasma lysophosphatidic acid level and serum autotaxin activity are increased in liver injury in rats in relation to its severity. <i>Life Sciences</i> , 2007, 81, 1009-1015.	4.3	94

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37	Autotaxin as a novel serum marker of liver fibrosis. <i>Clinica Chimica Acta</i> , 2011, 412, 1201-1206.	1.1	93
38	Antiproliferative property of sphingosine 1-phosphate in rat hepatocytes involves activation of Rho via Edg-5. <i>Gastroenterology</i> , 2003, 124, 459-469.	1.3	89
39	Antagonism of Sphingosine 1-Phosphate Receptor-2 Enhances Migration of Neural Progenitor Cells Toward an Area of Brain Infarction. <i>Stroke</i> , 2008, 39, 3411-3417.	2.0	88
40	Glycoprotein Ib-von Willebrand Factor Interactions Activate Tyrosine Kinases in Human Platelets. <i>Blood</i> , 1997, 90, 4789-4798.	1.4	83
41	Rac, a small guanosine triphosphate-binding protein, and p21-activated kinase are activated during platelet spreading on collagen-coated surfaces: roles of integrin $\alpha 2 \beta 1$. <i>Blood</i> , 2001, 98, 3708-3716.	1.4	83
42	Plasma sphingosine 1-phosphate metabolism and analysis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 606-611.	2.4	83
43	Genome structure-based screening identified epigenetically silenced microRNA associated with invasiveness in non-small cell lung cancer. <i>International Journal of Cancer</i> , 2012, 130, 2580-2590.	5.1	83
44	Machine-learning Approach for the Development of a Novel Predictive Model for the Diagnosis of Hepatocellular Carcinoma. <i>Scientific Reports</i> , 2019, 9, 7704.	3.3	82
45	Sphingosine 1-Phosphate-Related Metabolism in the Blood Vessel. <i>Journal of Biochemistry</i> , 2005, 138, 47-55.	1.7	80
46	Effects of Lysophosphatidic Acid on Proliferation of Stellate Cells and Hepatocytes in Culture. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 436-440.	2.1	78
47	ENPP2 Contributes to Adipose Tissue Expansion and Insulin Resistance in Diet-Induced Obesity. <i>Diabetes</i> , 2014, 63, 4154-4164.	0.6	78
48	Interaction between von Willebrand factor and glycoprotein Ib activates Src kinase in human platelets: role of phosphoinositide 3-kinase. <i>Blood</i> , 2003, 101, 3469-3476.	1.4	77
49	Sphingosine 1-Phosphate Regulates Melanoma Cell Motility through a Receptor-Coupled Extracellular Action and in a Pertussis Toxin-Insensitive Manner. <i>Biochemistry</i> , 1997, 36, 10751-10759.	2.5	76
50	Plasma sphingosine-1-phosphate measurement in healthy subjects: close correlation with red blood cell parameters. <i>Annals of Clinical Biochemistry</i> , 2008, 45, 356-363.	1.6	76
51	Sphingosine 1-Phosphate Receptor Expression Profile in Human Gastric Cancer Cells: Differential Regulation on the Migration and Proliferation ¹ . <i>Journal of Surgical Research</i> , 2006, 130, 80-87.	1.6	75
52	Itraconazole-Induced Cholestasis: Involvement of the Inhibition of Bile Canalicular Phospholipid Translocator MDR3/ABCB4. <i>Molecular Pharmacology</i> , 2011, 79, 241-250.	2.3	74
53	Measurement of plasma lysophosphatidic acid concentration in healthy subjects: strong correlation with lysophospholipase D activity. <i>Annals of Clinical Biochemistry</i> , 2008, 45, 364-368.	1.6	73
54	The induction of H3K9 methylation by PIWIL4 at the p16Ink4a locus. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 497-502.	2.1	72

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55	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, 463-470.	2.4	72
56	Sphingosine-1-phosphate receptor-2 deficiency leads to inhibition of macrophage proinflammatory activities and atherosclerosis in apoE-deficient mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 3979-3995.	8.2	72
57	A practical guide to intelligent image-activated cell sorting. <i>Nature Protocols</i> , 2019, 14, 2370-2415.	12.0	71
58	Liver involvement in sphingosine 1-phosphate dynamism revealed by adenoviral hepatic overexpression of apolipoprotein M. <i>Atherosclerosis</i> , 2013, 229, 102-109.	0.8	70
59	Speckle Tracking Global Strain Rate E/E^2 Predicts LV Filling Pressure More Accurately Than Traditional Tissue Doppler E/E^2 . <i>Echocardiography</i> , 2012, 29, 404-410.	0.9	67
60	Necessity of Lysophosphatidic Acid Receptor 1 for Development of Arthritis. <i>Arthritis and Rheumatism</i> , 2013, 65, 2037-2047.	6.7	67
61	Label-free detection of aggregated platelets in blood by machine-learning-aided optofluidic time-stretch microscopy. <i>Lab on A Chip</i> , 2017, 17, 2426-2434.	6.0	65
62	The novel sphingosine 1-phosphate receptor AGR16 is coupled via pertussis toxin-sensitive and -insensitive G-proteins to multiple signalling pathways. <i>Biochemical Journal</i> , 1999, 337, 67.	3.7	63
63	Sphingosine 1-phosphate accelerates wound healing in diabetic mice. <i>Journal of Dermatological Science</i> , 2007, 48, 53-60.	1.9	63
64	Mastoparan, a wasp venom, activates platelets via pertussis toxin-sensitive GTP-binding proteins. <i>Biochemical and Biophysical Research Communications</i> , 1990, 170, 779-785.	2.1	61
65	Sphingosine 1-phosphate transactivates c-Met as well as epidermal growth factor receptor (EGFR) in human gastric cancer cells. <i>FEBS Letters</i> , 2004, 577, 333-338.	2.8	61
66	Rhodocytin Induces Platelet Aggregation by Interacting with Glycoprotein Ia/IIa (GPIa/IIa, Integrin $\alpha_2\beta_1$). <i>Journal of Biological Chemistry</i> , 2001, 276, 1643-1652.	3.4	60
67	FTY720 Improves Functional Recovery after Spinal Cord Injury by Primarily Nonimmunomodulatory Mechanisms. <i>American Journal of Pathology</i> , 2012, 180, 1625-1635.	3.8	60
68	Gi-mediated Cas Tyrosine Phosphorylation in Vascular Endothelial Cells Stimulated with Sphingosine 1-Phosphate. <i>Journal of Biological Chemistry</i> , 2001, 276, 5274-5280.	3.4	59
69	Effects of genistein, a tyrosine kinase inhibitor, on platelet functions. <i>Biochemical Pharmacology</i> , 1993, 46, 395-403.	4.4	57
70	Identification of lysophospholipid receptors in human platelets: the relation of two agonists, lysophosphatidic acid and sphingosine 1-phosphate. <i>FEBS Letters</i> , 2000, 468, 189-193.	2.8	56
71	Suppression of lysophosphatidic acid and lysophosphatidylcholine formation in the plasma in vitro: Proposal of a plasma sample preparation method for laboratory testing of these lipids. <i>Analytical Biochemistry</i> , 2007, 367, 20-27.	2.4	56
72	Measurement of lysophospholipase D/autotaxin activity in human serum samples. <i>Clinical Biochemistry</i> , 2007, 40, 274-277.	1.9	55

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73	Specific increase in serum autotaxin activity in patients with pancreatic cancer. <i>Clinical Biochemistry</i> , 2011, 44, 576-581.	1.9	55
74	Protection Against Insulin Resistance by Apolipoprotein M/Sphingosine-1-Phosphate. <i>Diabetes</i> , 2020, 69, 867-881.	0.6	54
75	Impact of freshâ€frozen plasma from maleâ€only donors versus mixedâ€sex donors on postoperative respiratory function in surgical patients: a prospective caseâ€controlled study. <i>Transfusion</i> , 2009, 49, 2434-2441.	1.6	53
76	Autotaxinâ€Lysophosphatidic Acid Pathway in Intraocular Pressure Regulation and Glaucoma Subtypes. , 2018, 59, 693.		52
77	Autotaxin in liver fibrosis. <i>Clinica Chimica Acta</i> , 2012, 413, 1817-1821.	1.1	51
78	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.	3.0	51
79	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, 1217-1226.	2.4	51
80	Expression of the LIM Proteins Paxillin and Hic-5 in Human Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2003, 51, 513-521.	2.5	49
81	Blockade of sphingosine 1-phosphate receptor 2 signaling attenuates streptozotocin-induced apoptosis of pancreatic Î²-cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 207-211.	2.1	49
82	Intelligent classification of platelet aggregates by agonist type. <i>ELife</i> , 2020, 9, .	6.0	49
83	Identification of <i>GOS2</i> as a gene frequently methylated in squamous lung cancer by combination of <i>in silico</i> and experimental approaches. <i>International Journal of Cancer</i> , 2010, 126, 1895-1902.	5.1	48
84	Implicit and explicit statistical learning of tone sequences across spectral shifts. <i>Neuropsychologia</i> , 2014, 63, 194-204.	1.6	48
85	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.	2.5	48
86	Apolipoprotein M Protects Lipopolysaccharide-Treated Mice from Death and Organ Injury. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1021-1035.	3.4	48
87	Sitosterol prevents obesity-related chronic inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 191-198.	2.4	48
88	Intelligent whole-blood imaging flow cytometry for simple, rapid, and cost-effective drug-susceptibility testing of leukemia. <i>Lab on A Chip</i> , 2019, 19, 2688-2698.	6.0	48
89	Comprehensive assay for the molecular profiling of cancer by target enrichment from formalinâ€fixed paraffinâ€embedded specimens. <i>Cancer Science</i> , 2019, 110, 1464-1479.	3.9	48
90	Anti-CD9 Monoclonal Antibody Activates p72 in Human Platelets. <i>Journal of Biological Chemistry</i> , 1995, 270, 15119-15124.	3.4	47

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91	Antagonism of sphingosine 1-phosphate receptor 2 causes a selective reduction of portal vein pressure in bile duct-ligated rodents. <i>Hepatology</i> , 2012, 56, 1427-1438.	7.3	47
92	Evaluation of safety of endoscopic biopsy without cessation of antithrombotic agents in Japan. <i>Journal of Gastroenterology</i> , 2012, 47, 770-774.	5.1	47
93	Prognostic impact of left ventricular noncompaction in patients with Duchenne/Becker muscular dystrophy – Prospective multicenter cohort study. <i>International Journal of Cardiology</i> , 2013, 168, 1900-1904.	1.7	47
94	Development of carboxymethyl cellulose nonwoven sheet as a novel hemostatic agent. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 718-723.	2.2	47
95	Injectable Hemostat Composed of a Polyphosphate-Conjugated Hyaluronan Hydrogel. <i>Biomacromolecules</i> , 2018, 19, 3280-3290.	5.4	47
96	Increased lysophosphatidic acid levels in culprit coronary arteries of patients with acute coronary syndrome. <i>Atherosclerosis</i> , 2013, 229, 192-197.	0.8	45
97	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.	3.3	45
98	Protein tyrosine phosphorylation in human platelets induced by interaction between glycoprotein Ib and von Willebrand factor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1243, 482-488.	2.4	44
99	Distribution of sphingosine 1-phosphate, a bioactive sphingolipid, in rat tissues. <i>FEBS Letters</i> , 1997, 404, 173-174.	2.8	44
100	Serum autotaxin measurements in pregnant women: Application for the differentiation of normal pregnancy and pregnancy-induced hypertension. <i>Clinica Chimica Acta</i> , 2011, 412, 1944-1950.	1.1	44
101	Autotaxin – lysophosphatidic acid – LPA ₃ signaling at the embryo-epithelial boundary controls decidualization pathways. <i>EMBO Journal</i> , 2017, 36, 2146-2160.	7.8	44
102	Paradoxical mineralocorticoid receptor activation and left ventricular diastolic dysfunction under high oxidative stress conditions. <i>Journal of Hypertension</i> , 2008, 26, 1453-1462.	0.5	42
103	Increased circulating plasma lysophosphatidic acid in patients with acute coronary syndrome. <i>Clinica Chimica Acta</i> , 2012, 413, 207-212.	1.1	42
104	Signal Transduction Pathways Mediated by Glycoprotein Ia/IIa in Human Platelets: Comparison with Those of Glycoprotein VI. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 114-120.	2.1	41
105	Inhibition by diallyl trisulfide, a garlic component, of intracellular Ca ²⁺ mobilization without affecting inositol-1,4,5-trisphosphate (IP ₃) formation in activated platelets. <i>Biochemical Pharmacology</i> , 2000, 60, 1475-1483.	4.4	41
106	Increased plasma sphingosine-1-phosphate in obese individuals and its capacity to increase the expression of plasminogen activator inhibitor-1 in adipocytes. <i>Coronary Artery Disease</i> , 2013, 24, 642-650.	0.7	41
107	Histone methylation-mediated silencing of miR-139 enhances invasion of non-small cell lung cancer. <i>Cancer Medicine</i> , 2015, 4, 1573-1582.	2.8	41
108	LDL Receptor and ApoE Are Involved in the Clearance of ApoM-associated Sphingosine 1-Phosphate. <i>Journal of Biological Chemistry</i> , 2015, 290, 2477-2488.	3.4	41

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109	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.	3.3	41
110	Involvement of proline-rich tyrosine kinase 2 in platelet activation: tyrosine phosphorylation mostly dependent on α IIb β 3 integrin and protein kinase C, translocation to the cytoskeleton and association with Shc through Grb2. <i>Biochemical Journal</i> , 2000, 347, 561-569.	3.7	40
111	Biological activities of novel lipid mediator sphingosine 1-phosphate in rat hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G304-G310.	3.4	40
112	Sphingosine 1-Phosphate Stimulates Gi- and Rho-Mediated Vascular Endothelial Cell Spreading and Migration. <i>Thrombosis Research</i> , 2000, 99, 259-265.	1.7	40
113	Massive image-based single-cell profiling reveals high levels of circulating platelet aggregates in patients with COVID-19. <i>Nature Communications</i> , 2021, 12, 7135.	12.8	40
114	Platelet release of β 2-thromboglobulin and platelet factor 4 and serotonin in plasma samples. <i>Clinical Biochemistry</i> , 2005, 38, 1023-1026.	1.9	39
115	ORIGINAL ARTICLE: Expression of Autotaxin, an Ectoenzyme that Produces Lysophosphatidic Acid, in Human Placenta. <i>American Journal of Reproductive Immunology</i> , 2009, 62, 90-95.	1.2	39
116	Identification of Ganglioside GM3 Molecular Species in Human Serum Associated with Risk Factors of Metabolic Syndrome. <i>PLoS ONE</i> , 2015, 10, e0129645.	2.5	39
117	Role of the Autotaxin-LPA Pathway in Dexamethasone-Induced Fibrotic Responses and Extracellular Matrix Production in Human Trabecular Meshwork Cells. , 2018, 59, 21.		39
118	High-salt in addition to high-fat diet may enhance inflammation and fibrosis in liver steatosis induced by oxidative stress and dyslipidemia in mice. <i>Lipids in Health and Disease</i> , 2015, 14, 6.	3.0	38
119	Statistical learning of music- and language-like sequences and tolerance for spectral shifts. <i>Neurobiology of Learning and Memory</i> , 2015, 118, 8-19.	1.9	38
120	Lysophospholipids in laboratory medicine. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2018, 94, 373-389.	3.8	38
121	Lysophosphatidic acid is associated with neuropathic pain intensity in humans: An exploratory study. <i>PLoS ONE</i> , 2018, 13, e0207310.	2.5	38
122	Phosphorylation of the inhibitory guanine-nucleotide-binding protein as a possible mechanism of inhibition by protein kinase C of agonist-induced Ca ²⁺ mobilization in human platelet. <i>FEBS Journal</i> , 1992, 205, 1003-1009.	0.2	37
123	Factors that affect the size of platelet aggregates in epinephrine-induced activation: A study using the particle counting method based upon light scattering. <i>Thrombosis Research</i> , 1996, 81, 515-523.	1.7	37
124	Ceramide 1-Phosphate Formation in Neutrophils. <i>Acta Haematologica</i> , 2003, 109, 76-83.	1.4	37
125	Plasma concentration of bioactive lipid mediator sphingosine 1-phosphate is reduced in patients with chronic hepatitis C. <i>Clinica Chimica Acta</i> , 2010, 411, 765-770.	1.1	37
126	Alternative polyadenylation is associated with lower expression of PABPN1 and poor prognosis in non-small cell lung cancer. <i>Cancer Science</i> , 2014, 105, 1135-1141.	3.9	36

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127	Lysophosphatidylcholine mediates fast decline in kidney function in diabetic kidney disease. <i>Kidney International</i> , 2022, 101, 510-526.	5.2	36
128	Sphingosine 1-phosphate stimulates rat mesangial cell proliferation from outside the cells. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 580-586.	0.7	35
129	Sustained delivery of sphingosine-1-phosphate using poly(lactic-co-glycolic acid)-based microparticles stimulates Akt/ERK-eNOS mediated angiogenesis and vascular maturation restoring blood flow in ischemic limbs of mice. <i>European Journal of Pharmacology</i> , 2010, 634, 121-131.	3.5	35
130	Optofluidic time-stretch quantitative phase microscopy. <i>Methods</i> , 2018, 136, 116-125.	3.8	35
131	Identification and biochemical characterization of a novel autotaxin isoform, ATX Δ , with a four-amino acid deletion. <i>Journal of Biochemistry</i> , 2012, 151, 89-97.	1.7	34
132	Increased serum autotaxin levels in hepatocellular carcinoma patients were caused by background liver fibrosis but not by carcinoma. <i>Clinica Chimica Acta</i> , 2014, 433, 128-134.	1.1	34
133	Effects of serum amyloid A on the structure and antioxidant ability of high-density lipoprotein. <i>Bioscience Reports</i> , 2016, 36, .	2.4	34
134	Pitch-class distribution modulates the statistical learning of atonal chord sequences. <i>Brain and Cognition</i> , 2016, 108, 1-10.	1.8	34
135	Statistical learning of an auditory sequence and reorganization of acquired knowledge: A time course of word segmentation and ordering. <i>Neuropsychologia</i> , 2017, 95, 1-10.	1.6	34
136	Wheat Germ Agglutinin-Induced Platelet Activation via Platelet Endothelial Cell Adhesion Molecule-1: Involvement of Rapid Phospholipase C β 2 Activation by Src Family Kinases. <i>Biochemistry</i> , 2001, 40, 12992-13001.	2.5	33
137	CpG island methylation of microRNAs is associated with tumor size and recurrence of non-small cell lung cancer. <i>Cancer Science</i> , 2011, 102, 2126-2131.	3.9	33
138	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, 639-648.	2.4	33
139	Analysis of glycerol-lysophospholipids in gastric cancerous ascites. <i>Journal of Lipid Research</i> , 2017, 58, 763-771.	4.2	33
140	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.	2.5	33
141	Collagen-induced generation of platelet-derived microparticles in whole blood is dependent on ADP released from red blood cells and calcium ions. <i>Platelets</i> , 2004, 15, 223-229.	2.3	32
142	Hepatic stellate cell damage may lead to decreased plasma ADAMTS13 activity in rats. <i>FEBS Letters</i> , 2007, 581, 1631-1634.	2.8	32
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