

# Junken Aoki

## List of Publications by Year in descending order

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Version: 2024-02-01

342  
papers

22,802  
citations

5574

82  
h-index

12272

133  
g-index

356  
all docs

356  
docs citations

356  
times ranked

17961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysophosphatidylcholine mediates fast decline in kidney function in diabetic kidney disease. <i>Kidney International</i> , 2022, 101, 510-526.	5.2	36
2	Lysophospholipid Mediators in Health and Disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2022, 17, 459-483.	22.4	42
3	LPA6-RhoA signals regulate junctional complexes for polarity and morphology establishment of maturation stage ameloblasts. <i>Journal of Oral Biosciences</i> , 2022, 64, 85-92.	2.2	2
4	Update and nomenclature proposal for mammalian lysophospholipid acyltransferases, which create membrane phospholipid diversity. <i>Journal of Biological Chemistry</i> , 2022, 298, 101470.	3.4	47
5	Intestinal microbe-dependent $\beta$ 3 lipid metabolite $\beta$ -KetoA prevents inflammatory diseases in mice and cynomolgus macaques. <i>Mucosal Immunology</i> , 2022, 15, 289-300.	6.0	16
6	Heterotrimeric Gq proteins act as a switch for GRK5/6 selectivity underlying $\beta$ -arrestin transducer bias. <i>Nature Communications</i> , 2022, 13, 487.	12.8	53
7	Lysophosphatidic acid receptor $\text{LPA}_1/3$ antagonist inhibits the activation of satellite glial cells and reduces acute nociceptive responses. <i>FASEB Journal</i> , 2022, 36, e22236.	0.5	4
8	Secreted phospholipase A2 modifies extracellular vesicles and accelerates B cell lymphoma. <i>Cell Metabolism</i> , 2022, 34, 615-633.e8.	16.2	31
9	Dietary <i>Lactobacillus</i> -Derived Exopolysaccharide Enhances Immune-Checkpoint Blockade Therapy. <i>Cancer Discovery</i> , 2022, 12, 1336-1355.	9.4	56
10	Phenotypic evaluation of constitutive GPCR/G-protein signaling in zebrafish embryos and larvae. <i>Biochemical and Biophysical Research Communications</i> , 2022, 602, 70-76.	2.1	0
11	Current Knowledge on Mammalian Phospholipase A1, Brief History, Structures, Biochemical and Pathophysiological Roles. <i>Molecules</i> , 2022, 27, 2487.	3.8	14
12	Changes in Lysophospholipid Components in Ulcerative Colitis and Colitis-associated Cancer. <i>Anticancer Research</i> , 2022, 42, 2461-2468.	1.1	1
13	Abnormal male reproduction and embryonic development induced by downregulation of a phospholipid fatty acid-introducing enzyme <i>Lpgat1</i> in zebrafish. <i>Scientific Reports</i> , 2022, 12, 7312.	3.3	5
14	Persistent elevation of lysophosphatidylcholine promotes radiation brain necrosis with microglial recruitment by $\text{P2RX4}$ activation. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
15	N6-methyladenosine (m6A) is an endogenous A3 adenosine receptor ligand. <i>Molecular Cell</i> , 2021, 81, 659-674.e7.	9.7	28
16	Filopodium-derived vesicles produced by MIM enhance the migration of recipient cells. <i>Developmental Cell</i> , 2021, 56, 842-859.e8.	7.0	30
17	Dietary cis-9, trans-11-conjugated linoleic acid reduces amyloid $\beta$ -protein accumulation and upregulates anti-inflammatory cytokines in an Alzheimer's disease mouse model. <i>Scientific Reports</i> , 2021, 11, 9749.	3.3	9
18	Current Knowledge on the Biology of Lysophosphatidylserine as an Emerging Bioactive Lipid. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 497-508.	1.8	26

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19	Endogenous agonist-bound S1PR3 structure reveals determinants of G protein subtype bias. <i>Science Advances</i> , 2021, 7, .	10.3	31
20	Reduced Cerebrospinal Fluid Levels of Lysophosphatidic Acid Docosahexaenoic Acid in Patients With Major Depressive Disorder and Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 948-955.	2.1	7
21	Increase in serum levels of phosphatidylserine-specific phospholipase A1 in COVID-19 patients. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2275-2277.	10.5	4
22	Switching Lysophosphatidylserine G Protein-Coupled Receptor Agonists to Antagonists by Acylation of the Hydrophilic Serine Amine. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 10059-10101.	6.4	5
23	2-Carba-lysophosphatidic acid is a novel $\hat{1}^2$ -lysophosphatidic acid analogue with high potential for lysophosphatidic acid receptor activation and autotaxin inhibition. <i>Scientific Reports</i> , 2021, 11, 17360.	3.3	9
24	Suppression of amyloid $\hat{1}^2$ secretion from neurons by <i>cis</i> - $\hat{9}$ , <i>trans</i> - $\hat{11}$ -octadecadienoic acid, an isomer of conjugated linoleic acid. <i>Journal of Neurochemistry</i> , 2021, 159, 603-617.	3.9	3
25	S1PR3 $\hat{G}12$ -biased agonist ALESIA targets cancer metabolism and promotes glucose starvation. <i>Cell Chemical Biology</i> , 2021, 28, 1132-1144.e9.	5.2	3
26	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, 62, 100120.	4.2	11
27	Suppressing postcollection lysophosphatidic acid metabolism improves the precision of plasma LPA quantification. <i>Journal of Lipid Research</i> , 2021, 62, 100029.	4.2	18
28	Development of an On-Tissue Derivatization Method for MALDI Mass Spectrometry Imaging of Bioactive Lipids Containing Phosphate Monoester Using Phos-tag. <i>Analytical Chemistry</i> , 2021, 93, 3867-3875.	6.5	23
29	Inhibition of autotaxin activity ameliorates neuropathic pain derived from lumbar spinal canal stenosis. <i>Scientific Reports</i> , 2021, 11, 3984.	3.3	13
30	An ATX-LPA6- $\hat{G}13$ -ROCK axis shapes and maintains caudal vein plexus in zebrafish. <i>Science</i> , 2021, 24, 103254.	4.1	4
31	Identification of novel biomarkers of hepatocellular carcinoma by high-definition mass spectrometry: Ultrahigh-performance liquid chromatography quadrupole time-of-flight mass spectrometry and desorption electrospray ionization mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8551.	1.5	17
32	Analysis of urinary sphingolipids using liquid chromatography-tandem mass spectrometry in diabetic nephropathy. <i>Journal of Diabetes Investigation</i> , 2020, 11, 441-449.	2.4	23
33	The Crystal Structure of Angiotensin II Type 2 Receptor with Endogenous Peptide Hormone. <i>Structure</i> , 2020, 28, 418-425.e4.	3.3	40
34	Update on LIPID MAPS classification, nomenclature, and shorthand notation for MS-derived lipid structures. <i>Journal of Lipid Research</i> , 2020, 61, 1539-1555.	4.2	372
35	Heterotrimeric G Protein Subunit $\hat{G}1q$ Is a Master Switch for $\hat{G}1\hat{3}$ -Mediated Calcium Mobilization by Gi-Coupled GPCRs. <i>Molecular Cell</i> , 2020, 80, 940-954.e6.	9.7	54
36	Differential anatomical and cellular expression of lysophosphatidic acid receptor 1 in adult mouse brain. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 89-95.	2.1	3

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37	Non-naturally Occurring Regio Isomer of Lysophosphatidylserine Exhibits Potent Agonistic Activity toward G Protein-Coupled Receptors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 9990-10029.	6.4	11
38	Human adiponectin receptor AdipoR1 assumes closed and open structures. <i>Communications Biology</i> , 2020, 3, 446.	4.4	15
39	Antioxidant vitamins and lysophospholipids are critical for inducing mouse spermatogenesis under organ culture conditions. <i>FASEB Journal</i> , 2020, 34, 9480-9497.	0.5	16
40	Metabolic Dysregulation of the Lysophospholipid/Autotaxin Axis in the Chromosome 9p21 Gene SNP rs10757274. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002806.	3.6	6
41	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</i> , The, 2020, 5, 656-670.	1.3	16
42	Cryo-EM structure of the human PAC1 receptor coupled to an engineered heterotrimeric G protein. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 274-280.	8.2	39
43	Identification of Potent In Vivo Autotaxin Inhibitors that Bind to Both Hydrophobic Pockets and Channels in the Catalytic Domain. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3188-3204.	6.4	6
44	Membrane Phospholipid Analogues as Molecular Rulers to Probe the Position of the Hydrophobic Contact Point of Lysophospholipid Ligands on the Surface of G-Protein-Coupled Receptor during Membrane Approach. <i>Biochemistry</i> , 2020, 59, 1173-1201.	2.5	4
45	Structure and selectivity engineering of the M <sub>1</sub> muscarinic receptor toxin complex. <i>Science</i> , 2020, 369, 161-167.	12.6	35
46	Urinary autotaxin concentrations are associated with kidney injury. <i>Clinica Chimica Acta</i> , 2020, 509, 156-165.	1.1	6
47	Genetic deletion of Autotaxin from CD11b+ cells decreases the severity of experimental autoimmune encephalomyelitis. <i>PLoS ONE</i> , 2020, 15, e0226050.	2.5	14
48	Elevated phosphatidylserine-specific phospholipase A1 level in hyperthyroidism. <i>Clinica Chimica Acta</i> , 2020, 503, 99-106.	1.1	11
49	Structure of the dopamine D2 receptor in complex with the antipsychotic drug spiperone. <i>Nature Communications</i> , 2020, 11, 6442.	12.8	47
50	Redox state of albumin affects its lipid mediator binding characteristics. <i>Free Radical Research</i> , 2019, 53, 892-900.	3.3	18
51	Rare, functional, somatic variants in gene families linked to cancer genes: GPCR signaling as a paradigm. <i>Oncogene</i> , 2019, 38, 6491-6506.	5.9	20
52	Placental expression of lysophosphatidic acid receptors in normal pregnancy and preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2019, 82, e13176.	1.2	11
53	Evaluation of Lysophospholipid Measurement in Cerebrospinal Fluid Samples using Liquid Chromatography-Tandem Mass Spectrometry. <i>Lipids</i> , 2019, 54, 487-500.	1.7	20
54	Development of a Novel Intraocular-Pressure-Lowering Therapy Targeting ATX. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1926-1935.	1.4	11

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55	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.	3.3	15
56	Serum phosphatidylserine-specific phospholipase A 1 as a novel biomarker for monitoring systemic lupus erythematosus disease activity. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 2059-2066.	1.9	19
57	Konjac ceramide (kCer) regulates keratinocyte migration by Sema3A-like repulsion mechanism. <i>Biochemistry and Biophysics Reports</i> , 2019, 17, 132-138.	1.3	4
58	Development of an ENPP1 Fluorescence Probe for Inhibitor Screening, Cellular Imaging, and Prognostic Assessment of Malignant Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9254-9269.	6.4	22
59	LPA Induces Keratinocyte Differentiation and Promotes Skin Barrier Function through the LPAR1/LPAR5-RHO-ROCK-SRF Axis. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1010-1022.	0.7	26
60	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.	1.6	4
61	GPR31-dependent dendrite protrusion of intestinal CX3CR1+ cells by bacterial metabolites. <i>Nature</i> , 2019, 566, 110-114.	27.8	142
62	Structures of the 5-HT2A receptor in complex with the antipsychotics risperidone and zotepine. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 121-128.	8.2	133
63	Conductive Adhesive Film Expands the Utility of Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2019, 91, 8979-8986.	6.5	20
64	Conformational transitions of a neurotensin receptor-Gi1 complex. <i>Nature</i> , 2019, 572, 80-85.	27.8	199
65	Lysophosphatidic acids and their substrate lysophospholipids in cerebrospinal fluid as objective biomarkers for evaluating the severity of lumbar spinal stenosis. <i>Scientific Reports</i> , 2019, 9, 9144.	3.3	25
66	Crystal structure of human endothelin ETB receptor in complex with peptide inverse agonist IRL2500. <i>Communications Biology</i> , 2019, 2, 236.	4.4	33
67	Lysolipid receptor cross-talk regulates lymphatic endothelial junctions in lymph nodes. <i>Journal of Experimental Medicine</i> , 2019, 216, 1582-1598.	8.5	54
68	Illuminating G-Protein-Coupling Selectivity of GPCRs. <i>Cell</i> , 2019, 177, 1933-1947.e25.	28.9	387
69	The component changes of lysophospholipid mediators in colorectal cancer. <i>Tumor Biology</i> , 2019, 41, 101042831984861.	1.8	17
70	Measurement of the Spatial Distribution of S1P in Small Quantities of Tissues: Development and Application of a Highly Sensitive LC-MS/MS Method Combined with Laser Microdissection. <i>Mass Spectrometry</i> , 2019, 8, A0072-A0072.	0.6	8
71	Molecular mechanism of lysophosphatidic acid-induced hypertensive response. <i>Scientific Reports</i> , 2019, 9, 2662.	3.3	30
72	Serum autotaxin levels are associated with Graves disease. <i>Endocrine Journal</i> , 2019, 66, 409-422.	1.6	8

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73	LPA 1 , LPA 2 , LPA 4 , and LPA 6 receptor expression during mouse brain development. <i>Developmental Dynamics</i> , 2019, 248, 375-395.	1.8	33
74	An accurate and versatile method for determining the acyl group-introducing position of lysophospholipid acyltransferases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1053-1060.	2.4	19
75	Identification of P2Y receptors involved in oleamide-suppressing inflammatory responses in murine microglia and human dendritic cells. <i>Scientific Reports</i> , 2019, 9, 3135.	3.3	19
76	GPR34 in spinal microglia exacerbates neuropathic pain in mice. <i>Journal of Neuroinflammation</i> , 2019, 16, 82.	7.2	35
77	Sphingosine kinase-2 prevents macrophage cholesterol accumulation and atherosclerosis by stimulating autophagic lipid degradation. <i>Scientific Reports</i> , 2019, 9, 18329.	3.3	23
78	Identification and biochemical characterization of a second zebrafish autotaxin gene. <i>Journal of Biochemistry</i> , 2019, 165, 269-275.	1.7	5
79	Regulation of plasma glycerol-lysophospholipid levels by lipoprotein metabolism. <i>Biochemical Journal</i> , 2019, 476, 3565-3581.	3.7	8
80	High-endothelial cell-derived S1P regulates dendritic cell localization and vascular integrity in the lymph node. <i>ELife</i> , 2019, 8, .	6.0	26
81	High-endothelial cell-derived S1P regulates dendritic cell localization and vascular integrity in the lymph node. <i>FASEB Journal</i> , 2019, 33, 523.2.	0.5	0
82	Association between serum autotaxin or phosphatidylserine-specific phospholipase A1 levels and melanoma. <i>Journal of Dermatology</i> , 2018, 45, 571-579.	1.2	21
83	Lack of beta-arrestin signaling in the absence of active G proteins. <i>Nature Communications</i> , 2018, 9, 341.	12.8	297
84	The 17,18-epoxyeicosatetraenoic acid-G protein-coupled receptor 40 axis ameliorates contact hypersensitivity by inhibiting neutrophil mobility in mice and cynomolgus macaques. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 470-484.e12.	2.9	55
85	Evidence Suggests Sphingosine 1-Phosphate Might Be Actively Generated, Degraded, and Transported to Extracellular Spaces With Increased S1P2 and S1P3 Expression in Colon Cancer. <i>Clinical Colorectal Cancer</i> , 2018, 17, e171-e182.	2.3	25
86	Measurement of plasma choline in acute coronary syndrome: importance of suitable sampling conditions for this assay. <i>Scientific Reports</i> , 2018, 8, 4725.	3.3	11
87	Performance of autotaxin as a serum marker for liver fibrosis. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 469-477.	1.6	23
88	Lysophospholipids in laboratory medicine. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2018, 94, 373-389.	3.8	38
89	Lysophosphatidic acid is associated with neuropathic pain intensity in humans: An exploratory study. <i>PLoS ONE</i> , 2018, 13, e0207310.	2.5	38
90	Crystal structures of human ETB receptor provide mechanistic insight into receptor activation and partial activation. <i>Nature Communications</i> , 2018, 9, 4711.	12.8	60

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91	Nuclear-accumulated SQSTM1/p62-based ALIS act as microdomains sensing cellular stresses and triggering oxidative stress-induced parthanatos. <i>Cell Death and Disease</i> , 2018, 9, 1193.	6.3	31
92	Role of the Autotaxin-LPA Pathway in Dexamethasone-Induced Fibrotic Responses and Extracellular Matrix Production in Human Trabecular Meshwork Cells. , 2018, 59, 21.		39
93	Autotaxinâ€™Lysophosphatidic Acid Pathway in Intraocular Pressure Regulation and Glaucoma Subtypes. , 2018, 59, 693.		52
94	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.	3.3	17
95	Neuromedin U directly induces degranulation of skin mast cells, presumably via <sc>MRGPRX</sc>2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2256-2260.	5.7	17
96	Synaptic phospholipids as a new target for cortical hyperexcitability and E/I balance in psychiatric disorders. <i>Molecular Psychiatry</i> , 2018, 23, 1699-1710.	7.9	33
97	The LPA2 receptor agonist Radioprotectin-1 spares Lgr5-positive intestinal stem cells from radiation injury in murine enteroids. <i>Cellular Signalling</i> , 2018, 51, 23-33.	3.6	17
98	Stepwise phosphorylation of leukotriene B <sub>4</sub> receptor 1 defines cellular responses to leukotriene B <sub>4</sub>. <i>Science Signaling</i> , 2018, 11, .	3.6	15
99	Cell surface flip-flop of phosphatidylserine is critical for PIEZO1-mediated myotube formation. <i>Nature Communications</i> , 2018, 9, 2049.	12.8	127
100	Identification of P2Y receptors with oleamide suppressing microglial inflammatory response. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-4-20.	0.0	0
101	Different origins of lysophospholipid mediators between coronary and peripheral arteries in acute coronary syndrome. <i>Journal of Lipid Research</i> , 2017, 58, 433-442.	4.2	28
102	LPA <sub>1</sub> receptorâ€™mediated thromboxane A <sub>2</sub> release is responsible for lysophosphatidic acidâ€™induced vascular smooth muscle contraction. <i>FASEB Journal</i> , 2017, 31, 1547-1555.	0.5	20
103	Proliferation of mouse endometrial stromal cells in culture is highly sensitive to lysophosphatidic acid signaling. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 202-208.	2.1	7
104	Distinct conformations of GPCRâ€™Î²-arrestin complexes mediate desensitization, signaling, and endocytosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2562-2567.	7.1	281
105	Conformational Profiling of the AT1 Angiotensin II Receptor Reflects Biased Agonism, G Protein Coupling, and Cellular Context. <i>Journal of Biological Chemistry</i> , 2017, 292, 5443-5456.	3.4	72
106	Analysis of glycerol-lysophospholipids in gastric cancerous ascites. <i>Journal of Lipid Research</i> , 2017, 58, 763-771.	4.2	33
107	Phospholipid localization implies microglial morphology and function via Cdc42 <i>in vitro</i>. <i>Glia</i> , 2017, 65, 740-755.	4.9	17
108	Autotaxinâ€™lysophosphatidic acidâ€™ <sc>LPA</sc> <sub>3</sub> signaling at the embryoâ€™epithelial boundary controls decidualization pathways. <i>EMBO Journal</i> , 2017, 36, 2146-2160.	7.8	44

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109	trans-Fatty acids promote proinflammatory signaling and cell death by stimulating the apoptosis signal-regulating kinase 1 (ASK1)-p38 pathway. <i>Journal of Biological Chemistry</i> , 2017, 292, 8174-8185.	3.4	45
110	Purinergic Receptor Transactivation by the $\beta_2$ -Adrenergic Receptor Increases Intracellular $Ca^{2+}$ in Nonexcitable Cells. <i>Molecular Pharmacology</i> , 2017, 91, 533-544.	2.3	52
111	Synaptic Phospholipid Signaling Modulates Axon Outgrowth via Glutamate-dependent $Ca^{2+}$ -mediated Molecular Pathways. <i>Cerebral Cortex</i> , 2017, 27, 131-145.	2.9	11
112	Lysophosphatidylserine suppresses IL-2 production in CD4 T cells through LPS3/GPR174. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 332-338.	2.1	36
113	Probing the Hydrophobic Binding Pocket of G-Protein-Coupled Lysophosphatidylserine Receptor GPR34/LPS <sub>1</sub> by Docking-Aided Structure-Activity Analysis. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6384-6399.	6.4	17
114	Structural insights into ligand recognition by the lysophosphatidic acid receptor LPA6. <i>Nature</i> , 2017, 548, 356-360.	27.8	101
115	X-ray structures of endothelin ETB receptor bound to clinical antagonist bosentan and its analog. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 758-764.	8.2	79
116	TRIM48 Promotes ASK1 Activation and Cell Death through Ubiquitination-Dependent Degradation of the ASK1-Negative Regulator PRMT1. <i>Cell Reports</i> , 2017, 21, 2447-2457.	6.4	45
117	A single extracellular amino acid in Free Fatty Acid Receptor 2 defines antagonist species selectivity and G protein selection bias. <i>Scientific Reports</i> , 2017, 7, 13741.	3.3	21
118	Genetic evidence that $\beta_2$ -arrestins are dispensable for the initiation of $\beta_2$ -adrenergic receptor signaling to ERK. <i>Science Signaling</i> , 2017, 10, .	3.6	155
119	1-Fluoro-2,4-dinitrobenzene and its derivatives act as secretagogues on rodent mast cells. <i>European Journal of Immunology</i> , 2017, 47, 60-67.	2.9	7
120	Lipid Mediators in Inflammation. , 2017, , 651-694.		0
121	Sphingosine-1-Phosphate (S1P)-Related Response of Human Conjunctival Fibroblasts After Filtration Surgery for Glaucoma. , 2017, 58, 2258.		11
122	Conformational biosensors reveal allosteric interactions between heterodimeric AT1 angiotensin and prostaglandin F <sub>2</sub> ± receptors. <i>Journal of Biological Chemistry</i> , 2017, 292, 12139-12152.	3.4	29
123	Vehicle-dependent Effects of Sphingosine 1-phosphate on Plasminogen Activator Inhibitor-1 Expression. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 954-969.	2.0	18
124	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
125	Autotaxin Regulates Maintenance of Ovarian Cancer Stem Cells through Lysophosphatidic Acid-Mediated Autocrine Mechanism. <i>Stem Cells</i> , 2016, 34, 551-564.	3.2	90
126	Serum Autotaxin Levels Are Associated with Proteinuria and Kidney Lesions in Japanese Type 2 Diabetic Patients with Biopsy-proven Diabetic Nephropathy. <i>Internal Medicine</i> , 2016, 55, 215-221.	0.7	12



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127	Identification of lysophosphatidylthreonine with an aromatic fatty acid surrogate as a potent inducer of mast cell degranulation. <i>Biochemistry and Biophysics Reports</i> , 2016, 8, 346-351.	1.3	4
128	Structure and biological function of ENPP6, a choline-specific glycerophosphodiester-phosphodiesterase. <i>Scientific Reports</i> , 2016, 6, 20995.	3.3	51
129	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
130	Structural basis for specific inhibition of Autotaxin by a DNA aptamer. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 395-401.	8.2	59
131	Conformational Constraint of the Glycerol Moiety of Lysophosphatidylserine Affords Compounds with Receptor Subtype Selectivity. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3750-3776.	6.4	18
132	Lysophosphatidylserine as an Inflammatory Mediator. , 2016, , 501-509.		0
133	ATX-LPA1 axis contributes to proliferation of chondrocytes by regulating fibronectin assembly leading to proper cartilage formation. <i>Scientific Reports</i> , 2016, 6, 23433.	3.3	25
134	Integrative genomic and proteomic analyses identifies glycerol-3-phosphate acyltransferase as a target of low-dose ionizing radiation in EBV infected-B cells. <i>International Journal of Radiation Biology</i> , 2016, 92, 24-34.	1.8	11
135	Lysophosphatidic acid receptors LPA <sub>4</sub> and LPA <sub>6</sub> differentially promote lymphocyte transmigration across high endothelial venules in lymph nodes. <i>International Immunology</i> , 2016, 28, 283-292.	4.0	27
136	Fibroblastic reticular cell-derived lysophosphatidic acid regulates confined intranodal T-cell motility. <i>ELife</i> , 2016, 5, e10561.	6.0	45
137	Blood levels of serotonin are specifically correlated with plasma lysophosphatidylserine among the glycerol-lysophospholipids. <i>BBA Clinical</i> , 2015, 4, 92-98.	4.1	27
138	The Role of Lysophosphatidic Acid on Airway Epithelial Cell Denudation in a Murine Heterotopic Tracheal Transplant Model. <i>Transplantation Direct</i> , 2015, 1, e35.	1.6	1
139	Lysophosphatidylserine has Bilateral Effects on Macrophages in the Pathogenesis of Atherosclerosis. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015, 22, 518-526.	2.0	32
140	Non-cell autonomous and non-catalytic activities of ATX in the developing brain. <i>Frontiers in Neuroscience</i> , 2015, 9, 53.	2.8	21
141	Autotaxin Overexpression Causes Embryonic Lethality and Vascular Defects. <i>PLoS ONE</i> , 2015, 10, e0126734.	2.5	28
142	A New Enzyme Immunoassay for the Quantitative Determination of Classical Autotaxins (ATX <sup>1</sup> , ATX <sup>2</sup> , and Tj ETQg0.0 0 rgBT/Overlock	2.5	14
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