

# Pu Xia

## List of Publications by Year in descending order

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66  
papers

10,312  
citations

87723

38  
h-index

106150

65  
g-index

67  
all docs

67  
docs citations

67  
times ranked

14860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of circulating sphingosine kinase-related metabolites for prediction of type 2 diabetes. <i>Journal of Translational Medicine</i> , 2021, 19, 393.	1.8	6
2	Prevalence and Trends in Low Bone Density, Osteopenia and Osteoporosis in U.S. Adults With Non-Alcoholic Fatty Liver Disease, 2005–2014. <i>Frontiers in Endocrinology</i> , 2021, 12, 825448.	1.5	13
3	Hepatocyte-derived extracellular vesicles promote endothelial inflammation and atherogenesis via microRNA-1. <i>Journal of Hepatology</i> , 2020, 72, 156-166.	1.8	138
4	Tumor markers as an entry for SARS-CoV-2 infection?. <i>FEBS Journal</i> , 2020, 287, 3677-3680.	2.2	25
5	Regulation of hepatic insulin signaling and glucose homeostasis by sphingosine kinase 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24434-24442.	3.3	29
6	Thrombospondin 1 improves hepatic steatosis in diet-induced insulin-resistant mice and is associated with hepatic fat content in humans. <i>EBioMedicine</i> , 2020, 57, 102849.	2.7	33
7	Trends in Bone Mineral Density, Osteoporosis, and Osteopenia Among U.S. Adults With Prediabetes, 2005–2014. <i>Diabetes Care</i> , 2020, 43, 1008-1015.	4.3	40
8	Role of Sphingosine Kinase in Type 2 Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2020, 11, 627076.	1.5	18
9	FoxO3 regulates hepatic triglyceride metabolism via modulation of the expression of sterol regulatory-element binding protein 1c. <i>Lipids in Health and Disease</i> , 2019, 18, 197.	1.2	14
10	Berberine attenuates nonalcoholic hepatic steatosis through the AMPK-SREBP-1c-SCD1 pathway. <i>Free Radical Biology and Medicine</i> , 2019, 141, 192-204.	1.3	147
11	Berberine alleviates nonalcoholic fatty liver induced by a high-fat diet in mice by activating SIRT3. <i>FASEB Journal</i> , 2019, 33, 7289-7300.	0.2	53
12	Sphingosine kinase 2 promotes lipotoxicity in pancreatic $\beta$ cells and the progression of diabetes. <i>FASEB Journal</i> , 2019, 33, 3636-3646.	0.2	23
13	Effects of tetramethylpyrazine phosphate on pancreatic islet microcirculation in SD rats. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 411-419.	1.8	3
14	Deletion of sphingosine kinase 1 inhibits liver tumorigenesis in diethylnitrosamine-treated mice. <i>Oncotarget</i> , 2018, 9, 15635-15649.	0.8	19
15	Gene expression profiling reveals heterogeneity of perivascular adipose tissues surrounding coronary and internal thoracic arteries. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 1075-1082.	0.9	13
16	Deletion of sphingosine kinase 1 ameliorates hepatic steatosis in diet-induced obese mice: Role of PPAR $\gamma$ . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 138-147.	1.2	41
17	Assessment of liver fat content using quantitative ultrasonography to evaluate risks for metabolic diseases. <i>Obesity</i> , 2015, 23, 1929-1937.	1.5	25
18	Berberine ameliorates nonalcoholic fatty liver disease by a global modulation of hepatic mRNA and lncRNA expression profiles. <i>Journal of Translational Medicine</i> , 2015, 13, 24.	1.8	92

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19	Sphingosine Kinase 1 Protects Hepatocytes from Lipotoxicity via Down-regulation of IRE1 $\pm$ Protein Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 23282-23290.	1.6	28
20	Sphingosine-1-phosphate receptor 1 transmits estrogens $\hat{\epsilon}$ ™ effects in endothelial cells. <i>Steroids</i> , 2015, 104, 237-245.	0.8	29
21	Tetramethylpyrazine Ameliorates High Glucose-Induced Endothelial Dysfunction by Increasing Mitochondrial Biogenesis. <i>PLoS ONE</i> , 2014, 9, e88243.	1.1	29
22	Sphingosine Kinase (SphK) 1 and SphK2 Play Equivalent Roles in Mediating Insulin's Mitogenic Action. <i>Molecular Endocrinology</i> , 2014, 28, 197-207.	3.7	26
23	Sphingosine Kinase 1 Isoform-Specific Interactions in Breast Cancer. <i>Molecular Endocrinology</i> , 2014, 28, 1899-1915.	3.7	21
24	Cellular Inhibitor of Apoptosis Protein-1 and Survival of Beta Cells Undergoing Endoplasmic Reticulum Stress. <i>Vitamins and Hormones</i> , 2014, 95, 269-298.	0.7	3
25	Sphingosine 1-phosphate: A Potential Molecular Target for Ovarian Cancer Therapy?. <i>Cancer Investigation</i> , 2014, 32, 71-80.	0.6	26
26	Estrogen defines the dynamics and destination of transactivated EGF receptor in breast cancer cells: Role of S1P3 receptor and Cdc42. <i>Experimental Cell Research</i> , 2013, 319, 455-465.	1.2	26
27	Combination of FTY720 with cisplatin exhibits antagonistic effects in ovarian cancer cells: Role of autophagy. <i>International Journal of Oncology</i> , 2013, 42, 2053-2059.	1.4	27
28	Loss of sphingosine kinase 1 predisposes to the onset of diabetes <i>via</i> promoting pancreatic $\hat{2}$ cell death in diet $\hat{\epsilon}$ induced obese mice. <i>FASEB Journal</i> , 2013, 27, 4294-4304.	0.2	69
29	Cellular Inhibitor of Apoptosis Protein-1 (cIAP1) Plays a Critical Role in $\hat{2}$ -Cell Survival under Endoplasmic Reticulum Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 32236-32245.	1.6	43
30	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
31	Sphingosine 1-phosphate, a key mediator of the cytokine network: Juxtacrine signaling. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 45-53.	3.2	43
32	A Novel Role of Dipeptidyl Peptidase 9 in Epidermal Growth Factor Signaling. <i>Molecular Cancer Research</i> , 2011, 9, 948-959.	1.5	58
33	Sphingosine kinase interacts with TRAF2 and dissects tumor necrosis factor- $\hat{1}$ signaling.. <i>Journal of Biological Chemistry</i> , 2011, 286, 9894.	1.6	0
34	Sphingosine kinase interacts with TRAF2 and dissects tumor necrosis factor- $\hat{1}$ signaling.. <i>Journal of Biological Chemistry</i> , 2011, 286, 42785.	1.6	1
35	Sphingosine Kinase-1 Pathway Mediates High Glucose-Induced Fibronectin Expression in Glomerular Mesangial Cells. <i>Molecular Endocrinology</i> , 2011, 25, 2094-2105.	3.7	60
36	FTY720 induces necrotic cell death and autophagy in ovarian cancer cells: A protective role of autophagy. <i>Autophagy</i> , 2010, 6, 1157-1167.	4.3	109

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37	Restoring Endocrine Response in Breast Cancer Cells by Inhibition of the Sphingosine Kinase-1 Signaling Pathway. <i>Endocrinology</i> , 2009, 150, 4484-4492.	1.4	87
38	Arsenic trioxide and cisplatin synergism increase cytotoxicity in human ovarian cancer cells: Therapeutic potential for ovarian cancer. <i>Cancer Science</i> , 2009, 100, 2459-2464.	1.7	65
39	Chronic increases in sphingosine kinase-1 activity induce a pro-inflammatory, pro-angiogenic phenotype in endothelial cells. <i>Cellular and Molecular Biology Letters</i> , 2009, 14, 424-41.	2.7	28
40	Role of sphingolipids in the cytoplasmic signaling of estrogens. <i>Steroids</i> , 2009, 74, 562-567.	0.8	21
41	Tumor Necrosis Factor-Like Weak Inducer of Apoptosis Attenuates the Action of Insulin in Hepatocytes. <i>Endocrinology</i> , 2008, 149, 1505-1513.	1.4	19
42	The role of sphingosine kinase 1 in cancer: Oncogene or non-oncogene addiction?. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 442-447.	1.2	135
43	Basal and angiotensin-II-mediated endothelial permeability is regulated by sphingosine kinase-1. <i>Blood</i> , 2008, 111, 3489-3497.	0.6	86
44	High Glucose Attenuates Protein S-Nitrosylation in Endothelial Cells. <i>Diabetes</i> , 2007, 56, 2715-2721.	0.3	69
45	Letter by Xia Regarding Article, "High-Density Lipoproteins and Their Constituent, Sphingosine-1-Phosphate, Directly Protect the Heart Against Ischemia/Reperfusion Injury In Vivo via the S1P 3 Lysophospholipid Receptor"; <i>Circulation</i> , 2007, 115, e393; author reply e394.	1.6	5
46	Phenoxodiol, an experimental anticancer drug, shows potent antiangiogenic properties in addition to its antitumour effects. <i>International Journal of Cancer</i> , 2006, 118, 2412-2420.	2.3	79
47	Estrogen transactivates EGFR via the sphingosine 1-phosphate receptor Edg-3: the role of sphingosine kinase-1. <i>Journal of Cell Biology</i> , 2006, 173, 301-310.	2.3	201
48	Sphingosine kinase-1 enhances endothelial cell survival through a PECAM-1-dependent activation of PI-3K/Akt and regulation of Bcl-2 family members. <i>Blood</i> , 2005, 105, 3169-3177.	0.6	161
49	Phosphorylation-dependent translocation of sphingosine kinase to the plasma membrane drives its oncogenic signalling. <i>Journal of Experimental Medicine</i> , 2005, 201, 49-54.	4.2	253
50	Activation of the Sphingosine Kinase Signaling Pathway by High Glucose Mediates the Proinflammatory Phenotype of Endothelial Cells. <i>Circulation Research</i> , 2005, 97, 891-899.	2.0	70
51	PPAR $\beta$ Agonists Ameliorate Endothelial Cell Activation via Inhibition of Diacylglycerol-Protein Kinase C Signaling Pathway. <i>Circulation Research</i> , 2004, 94, 1515-1522.	2.0	108
52	High-Density Lipoproteins Neutralize C-Reactive Protein Proinflammatory Activity. <i>Circulation</i> , 2004, 109, 2116-2122.	1.6	144
53	Activation of sphingosine kinase 1 by ERK1/2-mediated phosphorylation. <i>EMBO Journal</i> , 2003, 22, 5491-5500.	3.5	484
54	Sphingosine Kinase Transmits Estrogen Signaling in Human Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2003, 17, 2002-2012.	3.7	138

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55	Sphingosine Kinase Interacts with TRAF2 and Dissects Tumor Necrosis Factor- $\alpha$ Signaling. <i>Journal of Biological Chemistry</i> , 2002, 277, 7996-8003.	1.6	268
56	Human sphingosine kinase: purification, molecular cloning and characterization of the native and recombinant enzymes. <i>Biochemical Journal</i> , 2000, 350, 429.	1.7	62
57	Human sphingosine kinase: purification, molecular cloning and characterization of the native and recombinant enzymes. <i>Biochemical Journal</i> , 2000, 350, 429-441.	1.7	170
58	An oncogenic role of sphingosine kinase. <i>Current Biology</i> , 2000, 10, 1527-1530.	1.8	392
59	Expression of a Catalytically Inactive Sphingosine Kinase Mutant Blocks Agonist-induced Sphingosine Kinase Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 33945-33950.	1.6	176
60	Activation of Sphingosine Kinase by Tumor Necrosis Factor- $\alpha$ Inhibits Apoptosis in Human Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 34499-34505.	1.6	251
61	High Density Lipoproteins (HDL) Interrupt the Sphingosine Kinase Signaling Pathway. <i>Journal of Biological Chemistry</i> , 1999, 274, 33143-33147.	1.6	212
62	Tumor necrosis factor- $\alpha$ induces adhesion molecule expression through the sphingosine kinase pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 14196-14201.	3.3	399
63	Amelioration of Vascular Dysfunctions in Diabetic Rats by an Oral PKC beta Inhibitor. <i>Science</i> , 1996, 272, 728-731.	6.0	1,083
64	Role of Protein Kinase C in Glucose- and Angiotensin II-Induced Plasminogen Activator Inhibitor Expression. <i>Contributions To Nephrology</i> , 1996, 118, 180-187.	1.1	45
65	Characterization of vascular endothelial growth factor's effect on the activation of protein kinase C, its isoforms, and endothelial cell growth. <i>Journal of Clinical Investigation</i> , 1996, 98, 2018-2026.	3.9	494
66	Identification of the mechanism for the inhibition of Na <sup>+</sup> ,K <sup>+</sup> -adenosine triphosphatase by hyperglycemia involving activation of protein kinase C and cytosolic phospholipase A2. <i>Journal of Clinical Investigation</i> , 1995, 96, 733-740.	3.9	155