

Pu Xia

List of Publications by Year in descending order

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66
papers

10,312
citations

87888
38
h-index

106344
65
g-index

67
all docs

67
docs citations

67
times ranked

14860
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Amelioration of Vascular Dysfunctions in Diabetic Rats by an Oral PKC \hat{I}^2 Inhibitor. Science, 1996, 272, 728-731.	12.6	1,083
3	Characterization of vascular endothelial growth factor's effect on the activation of protein kinase C, its isoforms, and endothelial cell growth.. Journal of Clinical Investigation, 1996, 98, 2018-2026.	8.2	494
4	Activation of sphingosine kinase 1 by ERK1/2-mediated phosphorylation. EMBO Journal, 2003, 22, 5491-5500.	7.8	484
5	Tumor necrosis factor- \hat{A} induces adhesion molecule expression through the sphingosine kinase pathway. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14196-14201.	7.1	399
6	An oncogenic role of sphingosine kinase. Current Biology, 2000, 10, 1527-1530.	3.9	392
7	Sphingosine Kinase Interacts with TRAF2 and Dissects Tumor Necrosis Factor- \hat{I}^{\pm} Signaling. Journal of Biological Chemistry, 2002, 277, 7996-8003.	3.4	268
8	Phosphorylation-dependent translocation of sphingosine kinase to the plasma membrane drives its oncogenic signalling. Journal of Experimental Medicine, 2005, 201, 49-54.	8.5	253
9	Activation of Sphingosine Kinase by Tumor Necrosis Factor- \hat{I}^{\pm} Inhibits Apoptosis in Human Endothelial Cells. Journal of Biological Chemistry, 1999, 274, 34499-34505.	3.4	251
10	High Density Lipoproteins (HDL) Interrupt the Sphingosine Kinase Signaling Pathway. Journal of Biological Chemistry, 1999, 274, 33143-33147.	3.4	212
11	Estrogen transactivates EGFR via the sphingosine 1-phosphate receptor Edg-3: the role of sphingosine kinase-1. Journal of Cell Biology, 2006, 173, 301-310.	5.2	201
12	Expression of a Catalytically Inactive Sphingosine Kinase Mutant Blocks Agonist-induced Sphingosine Kinase Activation. Journal of Biological Chemistry, 2000, 275, 33945-33950.	3.4	176
13	Human sphingosine kinase: purification, molecular cloning and characterization of the native and recombinant enzymes. Biochemical Journal, 2000, 350, 429-441.	3.7	170
14	Sphingosine kinase-1 enhances endothelial cell survival through a PECAM-1 \hat{A} dependent activation of PI-3K/Akt and regulation of Bcl-2 family members. Blood, 2005, 105, 3169-3177.	1.4	161
15	Identification of the mechanism for the inhibition of Na ⁺ ,K ⁺ (+)-adenosine triphosphatase by hyperglycemia involving activation of protein kinase C and cytosolic phospholipase A2.. Journal of Clinical Investigation, 1995, 96, 733-740.	8.2	155
16	Berberine attenuates nonalcoholic hepatic steatosis through the AMPK-SREBP-1c-SCD1 pathway. Free Radical Biology and Medicine, 2019, 141, 192-204.	2.9	147
17	High-Density Lipoproteins Neutralize C-Reactive Protein Proinflammatory Activity. Circulation, 2004, 109, 2116-2122.	1.6	144
18	Sphingosine Kinase Transmits Estrogen Signaling in Human Breast Cancer Cells. Molecular Endocrinology, 2003, 17, 2002-2012.	3.7	138

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19	Hepatocyte-derived extracellular vesicles promote endothelial inflammation and atherogenesis via microRNA-1. <i>Journal of Hepatology</i> , 2020, 72, 156-166.	3.7	138
20	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.	2.4	135
21	FTY720 induces necrotic cell death and autophagy in ovarian cancer cells: A protective role of autophagy. <i>Autophagy</i> , 2010, 6, 1157-1167.	9.1	109
22	PPAR β Agonists Ameliorate Endothelial Cell Activation via Inhibition of Diacylglycerol α -Protein Kinase C Signaling Pathway. <i>Circulation Research</i> , 2004, 94, 1515-1522.	4.5	108
23	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.	4.4	92
24	Restoring Endocrine Response in Breast Cancer Cells by Inhibition of the Sphingosine Kinase-1 Signaling Pathway. <i>Endocrinology</i> , 2009, 150, 4484-4492.	2.8	87
25	Basal and angiotensin II-mediated endothelial permeability is regulated by sphingosine kinase-1. <i>Blood</i> , 2008, 111, 3489-3497.	1.4	86
26	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.	5.1	79
27	Activation of the Sphingosine Kinase α -Signaling Pathway by High Glucose Mediates the Proinflammatory Phenotype of Endothelial Cells. <i>Circulation Research</i> , 2005, 97, 891-899.	4.5	70
28	High Glucose Attenuates Protein S-Nitrosylation in Endothelial Cells. <i>Diabetes</i> , 2007, 56, 2715-2721.	0.6	69
29	Loss of sphingosine kinase 1 predisposes to the onset of diabetes via promoting pancreatic β -cell death in diet-induced obese mice. <i>FASEB Journal</i> , 2013, 27, 4294-4304.	0.5	69
30	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.	3.9	65
31	Human sphingosine kinase: purification, molecular cloning and characterization of the native and recombinant enzymes. <i>Biochemical Journal</i> , 2000, 350, 429.	3.7	62
32	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
33	A Novel Role of Dipeptidyl Peptidase 9 in Epidermal Growth Factor Signaling. <i>Molecular Cancer Research</i> , 2011, 9, 948-959.	3.4	58
34	Berberine alleviates nonalcoholic fatty liver induced by a high-fat diet in mice by activating SIRT3. <i>FASEB Journal</i> , 2019, 33, 7289-7300.	0.5	53
35	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
36	Sphingosine 1-phosphate, a key mediator of the cytokine network: Juxtacrine signaling. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 45-53.	7.2	43

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37	Cellular Inhibitor of Apoptosis Protein-1 (cIAP1) Plays a Critical Role in β^2 -Cell Survival under Endoplasmic Reticulum Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 32236-32245.	3.4	43
38	Deletion of sphingosine kinase 1 ameliorates hepatic steatosis in diet-induced obese mice: Role of PPAR β . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 138-147.	2.4	41
39	Trends in Bone Mineral Density, Osteoporosis, and Osteopenia Among U.S. Adults With Prediabetes, 2005–2014. <i>Diabetes Care</i> , 2020, 43, 1008-1015.	8.6	40
40	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.	6.1	33
41	Tetramethylpyrazine Ameliorates High Glucose-Induced Endothelial Dysfunction by Increasing Mitochondrial Biogenesis. <i>PLoS ONE</i> , 2014, 9, e88243.	2.5	29
42	Sphingosine-1-phosphate receptor 1 transmits estrogens™ effects in endothelial cells. <i>Steroids</i> , 2015, 104, 237-245.	1.8	29
43	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.	7.1	29
44	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.	7.0	28
45	Sphingosine Kinase 1 Protects Hepatocytes from Lipotoxicity via Down-regulation of IRE1 β Protein Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 23282-23290.	3.4	28
46	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.	3.3	27
47	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.	2.6	26
48	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
49	Sphingosine 1-phosphate: A Potential Molecular Target for Ovarian Cancer Therapy?. <i>Cancer Investigation</i> , 2014, 32, 71-80.	1.3	26
50	Assessment of liver fat content using quantitative ultrasonography to evaluate risks for metabolic diseases. <i>Obesity</i> , 2015, 23, 1929-1937.	3.0	25
51	Tumor markers as an entry for SARS-CoV-2 infection?. <i>FEBS Journal</i> , 2020, 287, 3677-3680.	4.7	25
52	Sphingosine kinase 2 promotes lipotoxicity in pancreatic β^2 -cells and the progression of diabetes. <i>FASEB Journal</i> , 2019, 33, 3636-3646.	0.5	23
53	Role of sphingolipids in the cytoplasmic signaling of estrogens. <i>Steroids</i> , 2009, 74, 562-567.	1.8	21
54	Sphingosine Kinase 1 Isoform-Specific Interactions in Breast Cancer. <i>Molecular Endocrinology</i> , 2014, 28, 1899-1915.	3.7	21

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55	Tumor Necrosis Factor-Like Weak Inducer of Apoptosis Attenuates the Action of Insulin in Hepatocytes. <i>Endocrinology</i> , 2008, 149, 1505-1513.	2.8	19
56	Deletion of sphingosine kinase 1 inhibits liver tumorigenesis in diethylnitrosamine-treated mice. <i>Oncotarget</i> , 2018, 9, 15635-15649.	1.8	19
57	Role of Sphingosine Kinase in Type 2 Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2020, 11, 627076.	3.5	18
58	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.	3.0	14
59	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.	2.0	13
60	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.	3.5	13
61	Identification of circulating sphingosine kinase-related metabolites for prediction of type 2 diabetes. <i>Journal of Translational Medicine</i> , 2021, 19, 393.	4.4	6
62	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
63	Cellular Inhibitor of Apoptosis Protein-1 and Survival of Beta Cells Undergoing Endoplasmic Reticulum Stress. <i>Vitamins and Hormones</i> , 2014, 95, 269-298.	1.7	3
64	Effects of tetramethylpyrazine phosphate on pancreatic islet microcirculation in SD rats. <i>Journal of Endocrinological Investigation</i> , 2018, 41, 411-419.	3.3	3
65	Sphingosine kinase interacts with TRAF2 and dissects tumor necrosis factor- α signaling.. <i>Journal of Biological Chemistry</i> , 2011, 286, 42785.	3.4	1
66	Sphingosine kinase interacts with TRAF2 and dissects tumor necrosis factor- α signaling.. <i>Journal of Biological Chemistry</i> , 2011, 286, 9894.	3.4	0