Susan Pyne

List of Publications by Year
in descending order

135 papers	9,007 citations	38552 50 h-index	47439 89 g-index
154 all docs	154 docs citations	154 times ranked	7386 citing authors

#	Article	IF	Citations
1	Sphingosine 1-phosphate and cancer. Nature Reviews Cancer, 2010, 10, 489-503.	28.8	773
2	Sphingosine 1-phosphate signalling in mammalian cells. Biochemical Journal, 2000, 349, 385-402.	3.8	644
3	Sphingosine 1-phosphate signalling in mammalian cells. Biochemical Journal, 2000, 349, 385.	3.8	466
4	International Union of Pharmacology. XXXIV. Lysophospholipid Receptor Nomenclature. Pharmacological Reviews, 2002, 54, 265-269.	16.1	441
5	Sphingosine Kinase 1 Is an Intracellular Effector of Phosphatidic Acid. Journal of Biological Chemistry, 2004, 279, 44763-44774.	3.5	193
6	FTY720 and (S)-FTY720 vinylphosphonate inhibit sphingosine kinase 1 and promote its proteasomal degradation in human pulmonary artery smooth muscle, breast cancer and androgen-independent prostate cancer cells. Cellular Signalling, 2010, 22, 1536-1542.	3.7	171
7	Sphingosine 1-phosphate signalling via the endothelial differentiation gene family of G-protein-coupled receptors. , 2000, 88, 115-131.		169
8	High Expression of Sphingosine 1-Phosphate Receptors, S1P1 and S1P3, Sphingosine Kinase 1, and Extracellular Signal-Regulated Kinase-1/2 Is Associated with Development of Tamoxifen Resistance in Estrogen Receptor-Positive Breast Cancer Patients. American Journal of Pathology, 2010, 177, 2205-2215.	4.1	157
9	Sphingosine 1-phosphate and sphingosine kinases in health and disease: Recent advances. Progress in Lipid Research, 2016, 62, 93-106.	12.1	156
10	Tethering of the Platelet-derived Growth Factor Î² Receptor to G-protein-coupled Receptors. Journal of Biological Chemistry, 2001, 276, 28578-28585.	3.5	147
11	Sphingosine 1-Phosphate and Platelet-derived Growth Factor (PDGF) Act via PDGFÎ² Receptor-Sphingosine 1-Phosphate Receptor Complexes in Airway Smooth Muscle Cells. Journal of Biological Chemistry, 2003, 278, 6282-6290.	3.5	131
12	Platelet-derived-growth-factor stimulation of the p42/p44 mitogen-activated protein kinase pathway in airway smooth muscle: role of pertussis-toxin-sensitive G-proteins, c-Src tyrosine kinases and phosphoinositide 3-kinase. Biochemical Journal, 1999, 337, 171-177.	3.8	127
13	Role of sphingosine kinases and lipid phosphate phosphatases in regulating spatial sphingosine 1-phosphate signalling in health and disease. Cellular Signalling, 2009, 21, 14-21.	3.7	125
14	Role of sphingosine 1-phosphate receptors, sphingosine kinases and sphingosine in cancer and inflammation. Advances in Biological Regulation, 2016, 60, 151-159.	2.7	121
15	Sphingosine 1-phosphate signalling in cancer. Biochemical Society Transactions, 2012, 40, 94-100.	3.4	112
16	Receptor tyrosine kinaseâ€"G-protein-coupled receptor signalling platforms: out of the shadow?. Trends in Pharmacological Sciences, 2011, 32, 443-450.	8.6	109
17	FTY720 Analogues as Sphingosine Kinase 1 Inhibitors. Journal of Biological Chemistry, 2011, 286, 18633-18640.	3.5	108
18	The Sphingosine Kinase 1 Inhibitor 2-(p-Hydroxyanilino)-4-(p-chlorophenyl)thiazole Induces Proteasomal Degradation of Sphingosine Kinase 1 in Mammalian Cells. Journal of Biological Chemistry, 2010, 285, 38841-38852.	3.5	106

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19	(R)-FTY720 methyl ether is a specific sphingosine kinase 2 inhibitor: Effect on sphingosine kinase 2 expression in HEK 293 cells and actin rearrangement and survival of MCF-7 breast cancer cells. Cellular Signalling, 2011, 23, 1590-1595.	3.7	96
20	Sphingosine Kinase 1 Induces Tolerance to Human Epidermal Growth Factor Receptor 2 and Prevents Formation of a Migratory Phenotype in Response to Sphingosine 1-Phosphate in Estrogen Receptor-Positive Breast Cancer Cells. Molecular and Cellular Biology, 2010, 30, 3827-3841.	2.5	94
21	Crystal Structure of Sphingosine Kinase 1 with PF-543. ACS Medicinal Chemistry Letters, 2014, 5, 1329-1333.	3.1	90
22	G-protein-coupled Receptor Stimulation of the p42/p44 Mitogen-activated Protein Kinase Pathway Is Attenuated by Lipid Phosphate Phosphatases 1, 1a, and 2 in Human Embryonic Kidney 293 Cells. Journal of Biological Chemistry, 2001, 276, 13452-13460.	3.5	88
23	Lipid phosphate phosphatases and lipid phosphate signalling. Biochemical Society Transactions, 2005, 33, 1370.	3.4	88
24	Nerve Growth Factor Stimulation of p42/p44 Mitogen-Activated Protein Kinase in PC12 Cells: Role of G_{i/o}, G Protein-Coupled Receptor Kinase 2, Î²-Arrestin I, and Endocytic Processing. Molecular Pharmacology, 2001, 60, 63-70.	2.3	87
25	Sphingosine 1-phosphate stimulation of the p42/p44 mitogen-activated protein kinase pathway in airway smooth muscle. Biochemical Journal, 1999, 338, 643-649.	3.8	84
26	The role of G-protein coupled receptors and associated proteins in receptor tyrosine kinase signal transduction. Seminars in Cell and Developmental Biology, 2004, 15, 309-323.	5.4	84
27	Sphingosine 1-phosphate and cancer. Advances in Biological Regulation, 2018, 68, 97-106.	2.7	83
28	Sphingosine 1-phosphate signalling and termination at lipid phosphate receptors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1582, 121-131.	2.6	81
29	Regulation of cell survival by sphingosine-1-phosphate receptor S1P1 via reciprocal ERK-dependent suppression of Bim and PI-3-kinase/protein kinase C-mediated upregulation of Mcl-1. Cell Death and Disease, 2013, 4, e927-e927.	6.4	79
30	Translational pharmacology of an inhaled small molecule Î±vÎ²6 integrin inhibitor for idiopathic pulmonary fibrosis. Nature Communications, 2020, 11, 4659.	13.2	79
31	Lysophosphatidic acid and sphingosine 1-phosphate biology: the role of lipid phosphate phosphatases. Seminars in Cell and Developmental Biology, 2004, 15, 491-501.	5.4	78
32	c-Src is involved in regulating signal transmission from PDGFÎ² receptorâ€“GPCR(s) complexes in mammalian cells. Cellular Signalling, 2005, 17, 263-277.	3.7	78
33	The sigma1 receptor interacts with N-alkyl amines and endogenous sphingolipids. European Journal of Pharmacology, 2009, 609, 19-26.	3.6	78
34	Cell migration activated by plateletâ€derived growth factor receptor is blocked by an inverse agonist of the sphingosine 1â€phosphate receptorâ€1. FASEB Journal, 2006, 20, 509-511.	0.5	77
35	Sphingosine Kinase Inhibitors and Cancer: Seeking the Golden Sword of Hercules. Cancer Research, 2011, 71, 6576-6582.	0.9	77
36	Nerve growth factor signaling involves interaction between the Trk A receptor and lysophosphatidate receptor 1 systems: nuclear translocation of the lysophosphatidate receptor 1 and Trk A receptors in pheochromocytoma 12 cells. Cellular Signalling, 2004, 16, 127-136.	3.7	75

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37	Sphingosine 1-Phosphate Receptor 4 Uses HER2 (ERBB2) to Regulate Extracellular Signal Regulated Kinase-1/2 in MDA-MB-453 Breast Cancer Cells. Journal of Biological Chemistry, 2010, 285, 35957-35966.	3.5	72
38	Regulation of cell survival by lipid phosphate phosphatases involves the modulation of intracellular phosphatidic acid and sphingosine 1-phosphate pools. Biochemical Journal, 2005, 391, 25-32.	3.8	69
39	Translational aspects of sphingosine 1-phosphate biology. Trends in Molecular Medicine, 2011, 17, 463-472.	7.1	69
40	Sphingosine 1-Phosphate Receptor 1 Signaling in Mammalian Cells. Molecules, 2017, 22, 344.	3.9	67
41	Proteasomal degradation of sphingosine kinase 1 and inhibition of dihydroceramide desaturase by the sphingosine kinase inhibitors, SKi or ABC294640, induces growth arrest in androgen-independent LNCaP-AI prostate cancer cells. Oncotarget, 2016, 7, 16663-16675.	2.1	66
42	Sphingosine Kinases: Emerging Structureâ€“Function Insights. Trends in Biochemical Sciences, 2016, 41, 395-409.	7.5	65
43	Platelet-derived-growth-factor stimulation of the p42/p44 mitogen-activated protein kinase pathway in airway smooth muscle: role of pertussis-toxin-sensitive G-proteins, c-Src tyrosine kinases and phosphoinositide 3-kinase. Biochemical Journal, 1999, 337, 171.	3.8	61
44	Expression of sphingosine 1-phosphate receptor 4 and sphingosine kinase 1 is associated with outcome in oestrogen receptor-negative breast cancer. British Journal of Cancer, 2012, 106, 1453-1459.	6.6	59
45	Bradykinin stimulates phospholipase D in primary cultures of guinea-pig tracheal smooth muscle. Biochemical Pharmacology, 1993, 45, 593-603.	4.6	58
46	The differential regulation of cyclic AMP by sphingomyelin-derived lipids and the modulation of sphingolipid-stimulated extracellular signal regulated kinase-2 in airway smooth muscle. Biochemical Journal, 1996, 315, 917-923.	3.8	57
47	Role of sphingosine 1-phosphate and lysophosphatidic acid in fibrosis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 228-238.	2.6	56
48	Receptor tyrosine kinaseâ€“GPCR signal complexes. Biochemical Society Transactions, 2003, 31, 1220-1225.	3.4	53
49	Novel sphingosine-containing analogues selectively inhibit sphingosine kinase (SK) isozymes, induce SK1 proteasomal degradation and reduce DNA synthesis in human pulmonary arterial smooth muscle cells. MedChemComm, 2013, 4, 1394.	3.4	53
50	Synthesis of selective inhibitors of sphingosine kinase 1. Chemical Communications, 2013, 49, 2136.	4.2	52
51	Intracellular S1P Generation Is Essential for S1P-Induced Motility of Human Lung Endothelial Cells: Role of Sphingosine Kinase 1 and S1P Lyase. PLoS ONE, 2011, 6, e16571.	2.5	49
52	norpAanditprmutants reveal roles for phospholipase C and inositol (1,4,5)- trisphosphate receptor inDrosophila melanogasterrenal function. Journal of Experimental Biology, 2003, 206, 901-911.	1.7	48
53	The effect of hypoxia on lipid phosphate receptor and sphingosine kinase expression and mitogen-activated protein kinase signaling in human pulmonary smooth muscle cells. Prostaglandins and Other Lipid Mediators, 2006, 79, 278-286.	2.0	47
54	Bradykinin stimulates cAMP synthesis via mitogen-activated protein kinase-dependent regulation of cytosolic phospholipase A2 and prostaglandin E2 release in airway smooth muscle. Biochemical Journal, 1997, 328, 689-694.	3.8	46

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55	The roles of sphingosine kinases 1 and 2 in regulating the Warburg effect in prostate cancer cells. Cellular Signalling, 2013, 25, 1011-1017.	3.7	46
56	The role of sphingosine 1-phosphate in inflammation and cancer. Advances in Biological Regulation, 2014, 54, 121-129.	2.7	45
57	Structureâ€"Activity Relationships and Molecular Modeling of Sphingosine Kinase Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 9310-9327.	6.6	44
58	Sphingosine 1-phosphate stimulation of the p42/p44 mitogen-activated protein kinase pathway in airway smooth muscle. Biochemical Journal, 1999, 338, 643.	3.8	43
59	The Platelet-Derived Growth Factor Receptor Stimulation of p42/p44 Mitogen-Activated Protein Kinase in Airway Smooth Muscle Involves a G-Protein-Mediated Tyrosine Phosphorylation of Gab1. Molecular Pharmacology, 2000, 58, 413-420.	2.3	43
60	Sphingosine 1-Phosphate Regulation of Extracellular Signal-Regulated Kinase-1/2 in Embryonic Stem Cells. Stem Cells and Development, 2009, 18, 1319-1330.	2.1	41
61	Targeting sphingosine-1-phosphate signalling for cardioprotection. Current Opinion in Pharmacology, 2009, 9, 194-201.	3.6	40
62	Identification of novel functional and spatial associations between sphingosine kinase 1, sphingosine 1â€phosphate receptors and other signaling proteins that affect prognostic outcome in estrogen receptorâ€positive breast cancer. International Journal of Cancer, 2013, 132, 605-616.	5.4	40
63	The effect of RGS12 on PDGFÎ² receptor signalling to p42/p44 mitogen activated protein kinase in mammalian cells. Cellular Signalling, 2006, 18, 971-981.	3.7	39
64	Sphingosine 1-phosphate receptors and sphingosine kinase 1: novel biomarkers for clinical prognosis in breast, prostate, and hematological cancers. Frontiers in Oncology, 2012, 2, 168.	2.9	38
65	Effect of the sphingosine kinase 1 selective inhibitor, PF-543 on arterial and cardiac remodelling in a hypoxic model of pulmonary arterial hypertension. Cellular Signalling, 2016, 28, 946-955.	3.7	38
66	Targeting sphingosine kinase 1 in cancer. Advances in Biological Regulation, 2012, 52, 31-38.	2.7	37
67	Protein kinase C-dependent cyclic AMP formation in airway smooth muscle: the role of type II adenylate cyclase and the blockade of extracellular-signal-regulated kinase-2 (ERK-2) activation. Biochemical Journal, 1994, 304, 611-616.	3.8	36
68	Inhibition kinetics and regulation of sphingosine kinase 1 expression in prostate cancer cells: Functional differences between sphingosine kinase 1a and 1b. International Journal of Biochemistry and Cell Biology, 2012, 44, 1457-1464.	2.9	36
69	Assessment of the effect of sphingosine kinase inhibitors on apoptosis,unfolded protein response and autophagy of T-cell acute lymphoblastic leukemia cells; indications for novel therapeutics. Oncotarget, 2014, 5, 7886-7901.	2.1	36
70	Sphingosine Kinase 2 in Autoimmune/Inflammatory Disease and the Development of Sphingosine Kinase 2 Inhibitors. Trends in Pharmacological Sciences, 2017, 38, 581-591.	8.6	35
71	Sphingosine 1-phosphate, lysophosphatidic acid and growth factor signaling and termination. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 467-476.	2.6	34
72	Therapeutic potential of targeting sphingosine kinases and sphingosine 1-phosphate in hematological malignancies. Leukemia, 2016, 30, 2142-2151.	7.5	34

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73	Ceramide and sphingosine 1-phosphate in adipose dysfunction. Progress in Lipid Research, 2019, 74, 145-159.	12.1	34
74	Lipid phosphate phosphatase 3 participates in transport carrier formation and protein trafficking in the early secretory pathway. Journal of Cell Science, 2013, 126, 2641-55.	2.1	33
75	Bradykinin-dependent activation of adenylate cyclase activity and cyclic AMP accumulation in tracheal smooth muscle occurs via protein kinase C-dependent and -independent pathways. Biochemical Journal, 1994, 297, 233-239.	3.8	32
76	Assessment of the Extracellular and Intracellular Actions of Sphingosine 1-phosphate by Using the p42/p44 Mitogen-Activated Protein Kinase Cascade as a Model. Cellular Signalling, 1999, 11, 349-354.	3.7	32
77	Integrin signalling regulates the nuclear localization and function of the lysophosphatidic acid receptor-1 (LPA1) in mammalian cells. Biochemical Journal, 2006, 398, 55-62.	3.8	32
78	Selectivity and Specificity of Sphingosine 1-Phosphate Receptor Ligands: â€œOff-Targetsâ€•or Complex Pharmacology?. Frontiers in Pharmacology, 2011, 2, 26.	3.6	32
79	Sphingolipids as differential regulators of cellular signalling processes. Biochemical Society Transactions, 1997, 25, 549-556.	3.4	30
80	Lipid phosphate phosphatase-1 regulates lysophosphatidic acid- and platelet-derived-growth-factor-induced cell migration. Biochemical Journal, 2006, 394, 495-500.	3.8	30
81	The sphingosine 1-phosphate receptor 5 and sphingosine kinases 1 and 2 are localised in centrosomes: Possible role in regulating cell division. Cellular Signalling, 2009, 21, 675-684.	3.7	30
82	The sphingosine 1-phosphate receptor 2 is shed in exosomes from breast cancer cells and is N-terminally processed to a short constitutively active form that promotes extracellular signal regulated kinase activation and DNA synthesis in fibroblasts. Oncotarget, 2018, 9, 29453-29467.	2.1	30
83	Interleukin-7 receptor Î± mutational activation can initiate precursor B-cell acute lymphoblastic leukemia. Nature Communications, 2021, 12, 7268.	13.2	30
84	The functional PDGFÎ² receptorâ€“S1P1 receptor signaling complex is involved in regulating migration of mouse embryonic fibroblasts in response to platelet derived growth factor. Prostaglandins and Other Lipid Mediators, 2006, 80, 74-80.	2.0	29
85	Sphingosine 1-Phosphate Is a Missing Link between Chronic Inflammation and Colon Cancer. Cancer Cell, 2013, 23, 5-7.	16.8	29
86	New aspects of sphingosine 1-phosphate signaling in mammalian cells. Advances in Enzyme Regulation, 2009, 49, 214-221.	2.5	28
87	Phosphorylation of the recombinant spliced variants of the Î±-sub-unit of the stimulatory guanine-nucleotide binding regulatory protein (Gs) by the catalytic sub-unit of protein kinase a. Biochemical and Biophysical Research Communications, 1992, 186, 1081-1086.	2.2	27
88	Cellular Signaling by Sphingosine and Sphingosine 1-Phosphate. , 2004, , 245-268.		27
89	Receptor tyrosine kinase-G-protein coupled receptor complex signaling in mammalian cells. Advances in Enzyme Regulation, 2007, 47, 271-280.	2.5	26
90	Sphingosine kinase 2 prevents the nuclear translocation of sphingosine 1-phosphate receptor-2 and tyrosine 416 phosphorylated c-Src and increases estrogen receptor negative MDA-MB-231 breast cancer cell growth: The role of sphingosine 1-phosphate receptor-4. Cellular Signalling, 2014, 26, 1040-1047.	3.7	25

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91	Protean agonism of the lysophosphatidic acid receptor-1 with Ki16425 reduces nerve growth factor-induced neurite outgrowth in pheochromocytoma 12 cells. Journal of Neurochemistry, 2006, 98, 1920-1929.	4.0	24
92	Synthesis of (S)-FTY720 vinylphosphonate analogues and evaluation of their potential as sphingosine kinase 1 inhibitors and activators. Bioorganic and Medicinal Chemistry, 2013, 21, 2503-2510.	3.1	24
93	Topographical Mapping of Isoform-Selectivity Determinants for J-Channel-Binding Inhibitors of Sphingosine Kinases 1 and 2. Journal of Medicinal Chemistry, 2019, 62, 3658-3676.	6.6	24
94	Sphingosine Kinase 1 Regulates the Survival of Breast Cancer Stem Cells and Non-stem Breast Cancer Cells by Suppression of STAT1. Cells, 2020, 9, 886.	4.3	24
95	Bradykinin-stimulated phosphatidylcholine hydrolysis in airway smooth muscle: the role of Ca2+ and protein kinase C. Biochemical Journal, 1995, 311, 637-642.	3.8	23
96	Ceramide-dependent regulation of p42/p44 mitogen-activated protein kinase and c-Jun N-terminal-directed protein kinase in cultured airway smooth muscle cells. Cellular Signalling, 2000, 12, 737-743.	3.7	23
97	Lipid phosphate phosphatases form homo- and hetero-oligomers: catalytic competency, subcellular distribution and function. Biochemical Journal, 2008, 411, 371-377.	3.8	23
98	Sphingosine Kinase 1: A Potential Therapeutic Target in Pulmonary Arterial Hypertension?. Trends in Molecular Medicine, 2017, 23, 786-798.	7.1	23
99	Characterization of Salmonella typhimurium YegS, a putative lipid kinase homologous to eukaryotic sphingosine and diacylglycerol kinases. Proteins: Structure, Function and Bioinformatics, 2007, 68, 13-25.	3.2	20
100	New Perspectives on the Role of Sphingosine 1-Phosphate in Cancer. Handbook of Experimental Pharmacology, 2013, , 55-71.	0.0	20
101	Characterization of an extract from the leaves ofCissampelos sympodialis Eichl. on the spontaneous tone of isolated trachea. Phytotherapy Research, 1997, 11, 496-499.	5.9	19
102	Platelet-derived Growth Factor Activates a Mammalian Ste20 Coupled Mitogen-activated Protein Kinase in Airway Smooth Muscle. Cellular Signalling, 1997, 9, 311-317.	3.7	18
103	Adenylyl cyclase in lung from hypersensitive guinea pig displays increased responsiveness to guanine nucleotides and isoprenaline: The role of the G proteins Gs and Gi. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1176, 313-320.	4.1	16
104	Molecular Cloning of Magnesium-Independent Type 2 Phosphatidic Acid Phosphatases from Airway Smooth Muscle. Cellular Signalling, 1999, 11, 515-522.	3.7	16
105	Resveratrol and its oligomers: modulation of sphingolipid metabolism and signaling in disease. Archives of Toxicology, 2014, 88, 2213-2232.	4.3	16
106	Native and Polyubiquitinated Forms of Dihydroceramide Desaturase Are Differentially Linked to Human Embryonic Kidney Cell Survival. Molecular and Cellular Biology, 2018, 38, .	2.5	16
107	Extracellular actions of sphingosine l-phosphate through endothelial differentiation gene products in mammalian cells: role in regulating proliferation and apoptosis. Biochemical Society Transactions, 1999, 27, 404-409.	3.4	14
108	Inhibition of non-Ras protein farnesylation reduces in-stent restenosis. Atherosclerosis, 2008, 197, 515-523.	0.8	13

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109	The Roles of Sphingosine Kinase 1 and 2 in Regulating the Metabolome and Survival of Prostate Cancer Cells. Biomolecules, 2013, 3, 316-333.	4.2	13
110	PDGF-Stimulated Cyclic AMP Formation in Airway Smooth Muscle. Cellular Signalling, 1998, 10, 363-369.	3.7	12
111	Sphingosine Kinases as Druggable Targets. Handbook of Experimental Pharmacology, 2018, 259, 49-76.	0.0	12
112	A Novel Selective Sphingosine Kinase 2 Inhibitor, HWG-35D, Ameliorates the Severity of Imiquimod-Induced Psoriasis Model by Blocking Th17 Differentiation of NaÃ¯ve CD4 T Lymphocytes. International Journal of Molecular Sciences, 2020, 21, 8371.	4.2	12
113	Adenylate cyclase, cyclic AMP and extracellular-signal-regulated kinase-2 in airway smooth muscle: modulation by protein kinase C and growth serum. Biochemical Journal, 1995, 306, 723-726.	3.8	10
114	Structure-function analysis of lipid substrates and inhibitors of sphingosine kinases. Cellular Signalling, 2020, 76, 109806.	3.7	10
115	Bradykinin-stimulated phosphatidate and 1, 2-diacylglycerol accumulation in guinea-pig airway smooth muscle: Evidence for regulation â€˜down-streamâ€™ of phospholipases. Cellular Signalling, 1994, 6, 269-277.	3.7	9
116	Sphingosine kinase 1 enables communication between melanoma cells and fibroblasts that provides a new link to metastasis. Oncogene, 2014, 33, 3361-3363.	5.9	9
117	Short Periods of Hypoxia Upregulate Sphingosine Kinase 1 and Increase Vasodilation of Arteries to Sphingosine 1-Phosphate (S1P) via S1P₃. Journal of Pharmacology and Experimental Therapeutics, 2019, 371, 63-74.	2.4	9
118	Requirement for sphingosine kinase 1 in mediating phase 1 of the hypotensive response to anandamide in the anaesthetised mouse. European Journal of Pharmacology, 2019, 842, 1-9.	3.6	9
119	Validation of highly selective sphingosine kinase 2 inhibitors SLM6031434 and HWG-35D as effective anti-fibrotic treatment options in a mouse model of tubulointerstitial fibrosis. Cellular Signalling, 2021, 79, 109881.	3.7	9
120	Experimental Systems for Studying the Role of G-Protein-Coupled Receptors in Receptor Tyrosine Kinase Signal Transduction. Methods in Enzymology, 2004, 390, 451-475.	1.7	7
121	Dihydroceramide Desaturase Functions as an Inducer and Rectifier of Apoptosis: Effect of Retinol Derivatives, Antioxidants and Phenolic Compounds. Cell Biochemistry and Biophysics, 2021, 79, 461-475.	1.8	7
122	PKC-dependent activation of the type II adenylate cyclase in airway smooth muscle limits the bradykinin-stimulated ERK-2 pathway. Biochemical Society Transactions, 1995, 23, 200S-200S.	3.4	6
123	40 Sphingosine 1-phosphate activation of MAP kinase â€” involvement of PI 3-kinase and protein kinase C. Biochemical Society Transactions, 1997, 25, S585-S585.	3.4	4
124	Effect of ether glycerol lipids on interleukin-1Î² release and experimental autoimmune encephalomyelitis. Chemistry and Physics of Lipids, 2016, 194, 2-11.	3.4	4
125	Cellular signal pathways in tracheal smooth muscle. Cellular Signalling, 1993, 5, 401-409.	3.7	3
126	The regulation of p53, p38 MAPK, JNK and XBP-1s by sphingosine kinases in human embryonic kidney cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158631.	2.6	2

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127	A new model for regulation of sphingosine kinase 1 translocation to the plasma membrane in breast cancer cells. Journal of Biological Chemistry, 2021, 296, 100674.	3.5	2
128	Phospholipase D regulation involves extracellular calcium as a conditional requirement for subsequent stimulation by protein kinase C. Biochemical Society Transactions, 1995, 23, 199S-199S.	3.4	1
129	SPHINGOSINE 1-PHOSPHATE SIGNALLING. Biochemical Society Transactions, 1999, 27, A79-A79.	3.4	1
130	Attenuation of G-protein coupled receptor activated p42/p44 mitogen activated protein kinase by lipid phosphate phosphatases 1,1a and 2. Biochemical Society Transactions, 2001, 29, A118-A118.	3.4	0
131	Introduction: biology of lysophosphatidic acid and sphingosine 1-phosphate. Seminars in Cell and Developmental Biology, 2004, 15, 455.	5.4	0
132	Lysolipids: Sphingosine 1-phosphate and lysophosphatidic acid. , 2012, , 85-106.		0
133	Lysophospholipid Receptor Signaling Platforms: The Receptor Tyrosine Kinaseâ€“G Proteinâ€Coupled Receptor Signaling Complex. , 2013, , 85-102.		0
134	Does the Sphingosine 1-Phosphate Receptor-1 Provide a Better or Worse Prognostic Outcome for Breast Cancer Patients?. Frontiers in Oncology, 2018, 8, 417.	2.9	0
135	G-Proteins in Airways Smooth Muscle. , 1994, , 187-213.		0