

# Stuart M Pitson

## List of Publications by Year in descending order

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155  
papers

7,977  
citations

41344

49  
h-index

54911

84  
g-index

163  
all docs

163  
docs citations

163  
times ranked

7820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of sphingosine kinase 1 by ERK1/2-mediated phosphorylation. <i>EMBO Journal</i> , 2003, 22, 5491-5500.	7.8	484
2	An oncogenic role of sphingosine kinase. <i>Current Biology</i> , 2000, 10, 1527-1530.	3.9	392
3	Regulation of sphingosine kinase and sphingolipid signaling. <i>Trends in Biochemical Sciences</i> , 2011, 36, 97-107.	7.5	279
4	Sphingosine Kinase Interacts with TRAF2 and Dissects Tumor Necrosis Factor- $\alpha$ Signaling. <i>Journal of Biological Chemistry</i> , 2002, 277, 7996-8003.	3.4	268
5	The Role of the Extracellular Matrix and Its Molecular and Cellular Regulators in Cancer Cell Plasticity. <i>Frontiers in Oncology</i> , 2018, 8, 431.	2.8	267
6	Phosphorylation-dependent translocation of sphingosine kinase to the plasma membrane drives its oncogenic signalling. <i>Journal of Experimental Medicine</i> , 2005, 201, 49-54.	8.5	253
7	Expression of a Catalytically Inactive Sphingosine Kinase Mutant Blocks Agonist-induced Sphingosine Kinase Activation. <i>Journal of Biological Chemistry</i> , 2000, 275, 33945-33950.	3.4	176
8	Human sphingosine kinase: purification, molecular cloning and characterization of the native and recombinant enzymes. <i>Biochemical Journal</i> , 2000, 350, 429-441.	3.7	170
9	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. <i>Cellular Signalling</i> , 2010, 22, 1536-1542.	3.6	169
10	Essential Roles of Sphingosine-1-Phosphate and Platelet-Derived Growth Factor in the Maintenance of Human Embryonic Stem Cells. <i>Stem Cells</i> , 2005, 23, 1541-1548.	3.2	168
11	Roles, regulation and inhibitors of sphingosine kinase 2. <i>FEBS Journal</i> , 2013, 280, 5317-5336.	4.7	145
12	Sphingosine Kinase Transmits Estrogen Signaling in Human Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2003, 17, 2002-2012.	3.7	138
13	Sphingosine 1-Phosphate and Platelet-derived Growth Factor (PDGF) Act via PDGF $\beta$ Receptor-Sphingosine 1-Phosphate Receptor Complexes in Airway Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 6282-6290.	3.4	131
14	Regulation of the hepatitis C virus RNA replicase by endogenous lipid peroxidation. <i>Nature Medicine</i> , 2014, 20, 927-935.	30.7	130
15	Sphingosine Kinase Modulates Microvascular Tone and Myogenic Responses Through Activation of RhoA/Rho Kinase. <i>Circulation</i> , 2003, 108, 342-347.	1.6	129
16	Overexpression of Sphingosine Kinase 1 Prevents Ceramide Accumulation and Ameliorates Muscle Insulin Resistance in High-Fat Diet-Fed Mice. <i>Diabetes</i> , 2012, 61, 3148-3155.	0.6	126
17	Translocation of Sphingosine Kinase 1 to the Plasma Membrane Is Mediated by Calcium- and Integrin-binding Protein 1. <i>Journal of Biological Chemistry</i> , 2010, 285, 483-492.	3.4	124
18	The sphingosine and diacylglycerol kinase superfamily of signaling kinases: localization as a key to signaling function. <i>Journal of Lipid Research</i> , 2006, 47, 1128-1139.	4.2	113

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19	Sphingosine Kinase 1 (SK1) Is Recruited to Nascent Phagosomes in Human Macrophages: Inhibition of SK1 Translocation by Mycobacterium tuberculosis. <i>Journal of Immunology</i> , 2005, 174, 3551-3561.	0.8	110
20	The Sphingosine Kinase 1 Inhibitor 2-(p-Hydroxyanilino)-4-(p-chlorophenyl)thiazole Induces Proteasomal Degradation of Sphingosine Kinase 1 in Mammalian Cells*. <i>Journal of Biological Chemistry</i> , 2010, 285, 38841-38852.	3.4	106
21	Reduced sphingosine kinase-1 and enhanced sphingosine 1-phosphate lyase expression demonstrate deregulated sphingosine 1-phosphate signaling in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2014, 2, 12.	5.2	103
22	The Nucleotide-binding Site of Human Sphingosine Kinase 1. <i>Journal of Biological Chemistry</i> , 2002, 277, 49545-49553.	3.4	99
23	Stem cell regulation by lysophospholipids. <i>Prostaglandins and Other Lipid Mediators</i> , 2007, 84, 83-97.	1.9	93
24	The tricarboxylic acid cycle of Helicobacter pylori. <i>FEBS Journal</i> , 1999, 260, 258-267.	0.2	91
25	Recent advances in the development of sphingosine kinase inhibitors. <i>Cellular Signalling</i> , 2016, 28, 1349-1363.	3.6	91
26	Basal and angiopoietin-1-mediated endothelial permeability is regulated by sphingosine kinase-1. <i>Blood</i> , 2008, 111, 3489-3497.	1.4	86
27	Sphingosine kinase-1 activity and expression in human prostate cancer resection specimens. <i>European Journal of Cancer</i> , 2010, 46, 3417-3424.	2.8	78
28	Resistance to proteasome inhibitors and other targeted therapies in myeloma. <i>British Journal of Haematology</i> , 2018, 182, 11-28.	2.5	78
29	Sphingosine 1-phosphate is a ligand for peroxisome proliferator-activated receptor- $\delta$ that regulates neoangiogenesis. <i>FASEB Journal</i> , 2015, 29, 3638-3653.	0.5	75
30	TRAF2 regulates TNF and NF- $\kappa$ B signalling to suppress apoptosis and skin inflammation independently of Sphingosine kinase 1. <i>ELife</i> , 2015, 4, .	6.0	75
31	Inhibition of Pol I transcription treats murine and human AML by targeting the leukemia-initiating cell population. <i>Blood</i> , 2017, 129, 2882-2895.	1.4	74
32	Sphingosine Kinase 2 Promotes Acute Lymphoblastic Leukemia by Enhancing MYC Expression. <i>Cancer Research</i> , 2014, 74, 2803-2815.	0.9	73
33	Sphingosine and FTY720 directly bind pro-survival 14-3-3 proteins to regulate their function. <i>Cellular Signalling</i> , 2010, 22, 1291-1299.	3.6	71
34	Inhibitors of the Sphingosine Kinase Pathway as Potential Therapeutics. <i>Current Cancer Drug Targets</i> , 2010, 10, 354-367.	1.6	69
35	The Calmodulin-binding Site of Sphingosine Kinase and Its Role in Agonist-dependent Translocation of Sphingosine Kinase 1 to the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2006, 281, 11693-11701.	3.4	68
36	Targeting sphingosine kinase 1 induces MCL1-dependent cell death in acute myeloid leukemia. <i>Blood</i> , 2017, 129, 771-782.	1.4	67

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37	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-Al prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 16663-16675.	1.8	66
38	The GM-CSF receptor family: Mechanism of activation and implications for disease. <i>Growth Factors</i> , 2012, 30, 63-75.	1.7	64
39	An oncogenic role for sphingosine kinase 2. <i>Oncotarget</i> , 2016, 7, 64886-64899.	1.8	64
40	Human sphingosine kinase: purification, molecular cloning and characterization of the native and recombinant enzymes. <i>Biochemical Journal</i> , 2000, 350, 429.	3.7	62
41	A selective ATP-competitive sphingosine kinase inhibitor demonstrates anti-cancer properties. <i>Oncotarget</i> , 2015, 6, 7065-7083.	1.8	62
42	Sphingosine Activates Protein Kinase A Type II by a Novel cAMP-independent Mechanism. <i>Journal of Biological Chemistry</i> , 2005, 280, 26011-26017.	3.4	60
43	The involvement of sphingosine kinase 1 in LPS-induced Toll-like receptor 4-mediated accumulation of HIF-1 $\alpha$ protein, activation of ASK1 and production of the pro-inflammatory cytokine IL-6. <i>Immunology and Cell Biology</i> , 2011, 89, 268-274.	2.3	59
44	Stereochemical course of hydrolysis catalyzed by arabinofuranosyl hydrolases. <i>FEBS Letters</i> , 1996, 398, 7-11.	2.8	56
45	Regulation of Stem Cell Pluripotency and Neural Differentiation by Lysophospholipids. <i>NeuroSignals</i> , 2009, 17, 242-254.	0.9	56
46	Rhamnogalacturonan 4- $\alpha$ -D-Galactopyranosyluronohydrolase1. <i>Plant Physiology</i> , 1998, 117, 153-163.	4.8	55
47	Sphingosine kinase functionally links elevated transmural pressure and increased reactive oxygen species formation in resistance arteries. <i>FASEB Journal</i> , 2006, 20, 702-704.	0.5	55
48	Cellular signalling by sphingosine kinase and sphingosine 1-phosphate. <i>IUBMB Life</i> , 2006, 58, 467-472.	3.4	54
49	From Sphingosine Kinase to Dihydroceramide Desaturase: A Structure-Activity Relationship (SAR) Study of the Enzyme Inhibitory and Anticancer Activity of 4-((4-(4-Chlorophenyl)thiazol-2-yl)amino)phenol (SK-II). <i>Journal of Medicinal Chemistry</i> , 2016, 59, 965-984.	6.4	52
50	Isoflurane Protects Human Kidney Proximal Tubule Cells against Necrosis via Sphingosine Kinase and Sphingosine-1-Phosphate Generation. <i>American Journal of Nephrology</i> , 2010, 31, 353-362.	3.1	51
51	Targeting sphingolipid metabolism as an approach for combination therapies in haematological malignancies. <i>Cell Death Discovery</i> , 2018, 4, 72.	4.7	50
52	14-3-3 $\sigma$ regulates the mitochondrial respiratory reserve linked to platelet phosphatidylserine exposure and procoagulant function. <i>Nature Communications</i> , 2016, 7, 12862.	12.8	49
53	Deactivation of Sphingosine Kinase 1 by Protein Phosphatase 2A. <i>Journal of Biological Chemistry</i> , 2008, 283, 34994-35002.	3.4	48
54	Purification and characterization of an extracellular $\beta$ -glucosidase from the filamentous fungus <i>Acromonium persicinum</i> and its probable role in $\beta$ -glucan degradation. <i>Enzyme and Microbial Technology</i> , 1997, 21, 182-190.	3.2	45

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55	Eukaryotic Elongation Factor 1A Interacts with Sphingosine Kinase and Directly Enhances Its Catalytic Activity. <i>Journal of Biological Chemistry</i> , 2008, 283, 9606-9614.	3.4	45
56	Sphingosine kinase regulates the rate of endothelial progenitor cell differentiation. <i>Blood</i> , 2009, 113, 2108-2117.	1.4	45
57	Tumour necrosis factor alpha (TNF- $\alpha$ ) stimulation of cells with established dengue virus type 2 infection induces cell death that is accompanied by a reduced ability of TNF- $\alpha$ to activate nuclear factor $\kappa$ B and reduced sphingosine kinase-1 activity. <i>Journal of General Virology</i> , 2011, 92, 807-818.	2.9	45
58	Mechanotransduction activates RhoA in the neighbors of apoptotic epithelial cells to engage apical extrusion. <i>Current Biology</i> , 2021, 31, 1326-1336.e5.	3.9	45
59	Potential Link between the Sphingosine-1-Phosphate (S1P) System and Defective Alveolar Macrophage Phagocytic Function in Chronic Obstructive Pulmonary Disease (COPD). <i>PLoS ONE</i> , 2015, 10, e0122771.	2.5	44
60	Sphingosine kinase 1 in viral infections. <i>Reviews in Medical Virology</i> , 2013, 23, 73-84.	8.3	42
61	Enhancement of intracellular sphingosine-1-phosphate production by inositol 1,4,5-trisphosphate-evoked calcium mobilisation in HEK-293 cells: endogenous sphingosine-1-phosphate as a modulator of the calcium response. <i>Cellular Signalling</i> , 2005, 17, 827-836.	3.6	41
62	Purification and characterization of an extracellular (1 $\rightarrow$ 6)- $\beta$ -D-glucanase from the filamentous fungus <i>Acremonium persicinum</i> . <i>Biochemical Journal</i> , 1996, 316, 841-846.	3.7	39
63	Intracellular localization of sphingosine kinase 1 alters access to substrate pools but does not affect the degradative fate of sphingosine-1-phosphate. <i>Journal of Lipid Research</i> , 2010, 51, 2546-2559.	4.2	38
64	Sphingosine kinase 2 inhibition synergises with bortezomib to target myeloma by enhancing endoplasmic reticulum stress. <i>Oncotarget</i> , 2017, 8, 43602-43616.	1.8	37
65	Inhibition kinetics and regulation of sphingosine kinase 1 expression in prostate cancer cells: Functional differences between sphingosine kinase 1a and 1b. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1457-1464.	2.8	36
66	Endothelial, pericyte and tumor cell expression in glioblastoma identifies fibroblast activation protein (FAP) as an excellent target for immunotherapy. <i>Clinical and Translational Immunology</i> , 2020, 9, e1191.	3.8	34
67	Tumor Necrosis Factor-Induced Neutrophil Adhesion Occurs Via Sphingosine Kinase-1-Dependent Activation of Endothelial $\alpha$ 5 $\beta$ 1 Integrin. <i>American Journal of Pathology</i> , 2010, 177, 436-446.	3.8	33
68	Post-translational regulation of sphingosine kinases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 147-156.	2.4	33
69	A Negative Regulatory Mechanism Involving 14-3-3 $\sigma$ Limits Signaling Downstream of ROCK to Regulate Tissue Stiffness in Epidermal Homeostasis. <i>Developmental Cell</i> , 2015, 35, 759-774.	7.0	33
70	The Localization and Activity of Sphingosine Kinase 1 Are Coordinately Regulated with Actin Cytoskeletal Dynamics in Macrophages*. <i>Journal of Biological Chemistry</i> , 2007, 282, 23147-23162.	3.4	32
71	Sphingosine kinase localization in the control of sphingolipid metabolism. <i>Advances in Enzyme Regulation</i> , 2011, 51, 229-244.	2.6	31
72	Targeting the Sphingolipid System as a Therapeutic Direction for Glioblastoma. <i>Cancers</i> , 2020, 12, 111.	3.7	31

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73	G1q-mediated plasma membrane translocation of sphingosine kinase-1 and cross-activation of S1P receptors. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 357-370.	2.4	30
74	The Sphingolipid Rheostat: A Potential Target for Improving Pancreatic Islet Survival and Function. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2011, 11, 262-272.	1.2	30
75	Isoform-Selective Assays for Sphingosine Kinase Activity. <i>Methods in Molecular Biology</i> , 2012, 874, 21-31.	0.9	30
76	Dengue Virus Infection of Primary Endothelial Cells Induces Innate Immune Responses, Changes in Endothelial Cells Function and Is Restricted by Interferon-Stimulated Responses. <i>Journal of Interferon and Cytokine Research</i> , 2015, 35, 654-665.	1.2	30
77	Destabilisation of dimeric 14-3-3 proteins as a novel approach to anti-cancer therapeutics. <i>Oncotarget</i> , 2015, 6, 14522-14536.	1.8	30
78	Cigarette smoke inhibits efferocytosis via deregulation of sphingosine kinase signaling: reversal with exogenous S1P and the S1P analogue FTY720. <i>Journal of Leukocyte Biology</i> , 2016, 100, 195-202.	3.3	29
79	CIB2 Negatively Regulates Oncogenic Signaling in Ovarian Cancer via Sphingosine Kinase 1. <i>Cancer Research</i> , 2017, 77, 4823-4834.	0.9	29
80	Roles of lysophosphatidic acid and sphingosine-1-phosphate in stem cell biology. <i>Progress in Lipid Research</i> , 2018, 72, 42-54.	11.6	29
81	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
82	Stereochemical Course of Hydrolysis Catalysed by 1-Rhamnosyl and 1-d-Galacturonosyl Hydrolases from <i>Aspergillus aculeatus</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 552-559.	2.1	27
83	The Phosphorylation Motif at Serine 225 Governs the Localization and Function of Sphingosine Kinase 1 in Resistance Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1916-1922.	2.4	27
84	Expression profile of the sphingosine kinase signalling system in the lung of patients with chronic obstructive pulmonary disease. <i>Life Sciences</i> , 2011, 89, 806-811.	4.3	27
85	Rapid Histamine-Induced Neutrophil Recruitment Is Sphingosine Kinase-1 Dependent. <i>American Journal of Pathology</i> , 2012, 180, 1740-1750.	3.8	27
86	3D-printed microplate inserts for long term high-resolution imaging of live brain organoids. <i>BMC Biomedical Engineering</i> , 2021, 3, 6.	2.6	27
87	A Drug Screening Pipeline Using 2D and 3D Patient-Derived In Vitro Models for Pre-Clinical Analysis of Therapy Response in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4322.	4.1	26
88	Sphingosine kinase 1 is a critical component of the copper-dependent FGF1 export pathway. <i>Experimental Cell Research</i> , 2007, 313, 3308-3318.	2.6	25
89	Action patterns and mapping of the substrate-binding regions of endo-(1 → 5)-1-arabinanases from <i>Aspergillus niger</i> and <i>Aspergillus aculeatus</i> . <i>Carbohydrate Research</i> , 1997, 303, 207-218.	2.3	24
90	A critical role for the protein phosphatase 2A regulatory subunit in dephosphorylation of sphingosine kinase 1. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 342-347.	2.8	24

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91	Sphingosine kinase-1 predicts overall survival outcomes in non-small cell lung cancer patients treated with carboplatin and navelbine. <i>Oncology Letters</i> , 2019, 18, 1259-1266.	1.8	24
92	Effect of carbon source on extracellular (1 $\rightarrow$ 3)- and (1 $\rightarrow$ 6)- $\beta$ -glucanase production by <i>Acremonium persicinum</i> . <i>Canadian Journal of Microbiology</i> , 1997, 43, 432-439.	1.7	23
93	Regulation of Sphingosine Kinase in Hematological Malignancies and Other Cancers. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2011, 11, 799-809.	1.7	23
94	Disrupted epithelial/macrophage crosstalk via Spinster homologue 2-mediated S1P signaling may drive defective macrophage phagocytic function in COPD. <i>PLoS ONE</i> , 2017, 12, e0179577.	2.5	23
95	An assay for sphingosine kinase activity using biotinylated sphingosine and streptavidin-coated membranes. <i>Analytical Biochemistry</i> , 2004, 331, 122-129.	2.4	23
96	Attenuation of leakiness in doxycycline-inducible expression via incorporation of 3' AU-rich mRNA destabilizing elements. <i>BioTechniques</i> , 2008, 45, 155-162.	1.8	22
97	Cytoplasmic dynein regulates the subcellular localization of sphingosine kinase 2 to elicit tumor-suppressive functions in glioblastoma. <i>Oncogene</i> , 2019, 38, 1151-1165.	5.9	21
98	Kelch-like protein 5-mediated ubiquitination of lysine 183 promotes proteasomal degradation of sphingosine kinase 1. <i>Biochemical Journal</i> , 2019, 476, 3211-3226.	3.7	21
99	Sphingolipids and the unfolded protein response. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1483-1494.	2.4	20
100	Ceramide-induced integrated stress response overcomes Bcl-2 inhibitor resistance in acute myeloid leukemia. <i>Blood</i> , 2022, 139, 3737-3751.	1.4	20
101	The CCT/TRiC chaperonin is required for maturation of sphingosine kinase 1. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 822-827.	2.8	19
102	Protein Kinase Activity of Phosphoinositide 3-Kinase Regulates Cytokine-Dependent Cell Survival. <i>PLoS Biology</i> , 2013, 11, e1001515.	5.6	19
103	A point mutant of human sphingosine kinase 1 with increased catalytic activity. <i>FEBS Letters</i> , 2001, 509, 169-173.	2.8	18
104	Sphingosine Kinase-1 Associates with Integrin $\alpha$ 3 $\beta$ 1 to Mediate Endothelial Cell Survival. <i>American Journal of Pathology</i> , 2009, 175, 2217-2225.	3.8	18
105	Role of salt bridges in the dimer interface of 14-3-3 $\sigma$ in dimer dynamics, N-terminal $\alpha$ -helical order, and molecular chaperone activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 89-99.	3.4	17
106	Reduction in sphingosine kinase 1 influences the susceptibility to dengue virus infection by altering antiviral responses. <i>Journal of General Virology</i> , 2016, 97, 95-109.	2.9	17
107	Dengue Virus-Induced Inflammation of the Endothelium and the Potential Roles of Sphingosine Kinase-1 and MicroRNAs. <i>Mediators of Inflammation</i> , 2015, 2015, 1-13.	3.0	16
108	Sphingosine kinase 2-deficiency mediated changes in spinal pain processing. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 29.	2.9	15

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109	Topical Application of Fingolimod Perturbs Cutaneous Inflammation. <i>Journal of Immunology</i> , 2016, 196, 3854-3864.	0.8	13
110	Characterising Distinct Migratory Profiles of Infiltrating T-Cell Subsets in Human Glioblastoma. <i>Frontiers in Immunology</i> , 2022, 13, 850226.	4.8	13
111	Overexpression of Sphingosine Kinase 1 Enhances a Progenitor Phenotype in Human Endothelial Cells. <i>Microcirculation</i> , 2011, 18, 583-597.	1.8	12
112	Intracranial Injection of Dengue Virus Induces Interferon Stimulated Genes and CD8+ T Cell Infiltration by Sphingosine Kinase 1 Independent Pathways. <i>PLoS ONE</i> , 2017, 12, e0169814.	2.5	12
113	Resensitising proteasome inhibitor-resistant myeloma with sphingosine kinase 2 inhibition. <i>Neoplasia</i> , 2022, 24, 1-11.	5.3	12
114	Targeting human CALR-mutated MPN progenitors with a neoepitope-directed monoclonal antibody. <i>EMBO Reports</i> , 2022, 23, e52904.	4.5	12
115	Identification of sphingosine kinase 1 as a therapeutic target in B-lineage acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2019, 184, 443-447.	2.5	11
116	Proteolytic inactivation of an extracellular (1 → 3)- $\alpha$ -glucanase from the fungus <i>Acremonium persicinum</i> associated with growth at neutral or alkaline medium pH. <i>FEMS Microbiology Letters</i> , 1996, 145, 287-293.	1.8	9
117	Extracellular and intracellular sphingosine 1-phosphate distinctly regulates exocytosis in chromaffin cells. <i>Journal of Neurochemistry</i> , 2019, 149, 729-746.	3.9	9
118	Desmoglein 2 expression is an independent predictor of poor prognosis patients with multiple myeloma. <i>Molecular Oncology</i> , 2022, 16, 1221-1240.	4.6	9
119	Germline mutations in mitochondrial complex I reveal genetic and targetable vulnerability in IDH1-mutant acute myeloid leukaemia. <i>Nature Communications</i> , 2022, 13, 2614.	12.8	9
120	The effects of markedly raised intracellular sphingosine kinase-1 activity in endothelial cells. <i>Cellular and Molecular Biology Letters</i> , 2009, 14, 411-23.	7.0	8
121	Examining the Role of Sphingosine Kinase 2 in the Regulation of Endothelial Cell Barrier Integrity. <i>Microcirculation</i> , 2016, 23, 248-265.	1.8	8
122	Sphingolipids as multifaceted mediators in ovarian cancer. <i>Cellular Signalling</i> , 2021, 81, 109949.	3.6	8
123	In vitro and in vivo roles of sphingosine kinase 2 during dengue virus infection. <i>Journal of General Virology</i> , 2019, 100, 629-641.	2.9	8
124	The sphingosine 1-phosphate receptor 2/4 antagonist JTE-013 elicits off-target effects on sphingolipid metabolism. <i>Scientific Reports</i> , 2022, 12, 454.	3.3	8
125	Investigation of sphingosine kinase 1 in interferon responses during dengue virus infection. <i>Clinical and Translational Immunology</i> , 2017, 6, e151.	3.8	7
126	Sphingolipid imbalance and inflammatory effects induced by uremic toxins in heart and kidney cells are reversed by dihydroceramide desaturase 1 inhibition. <i>Toxicology Letters</i> , 2021, 350, 133-142.	0.8	7



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127	Clinical MDR1 inhibitors enhance Smac-mimetic bioavailability to kill murine LSCs and improve survival in AML models. <i>Blood Advances</i> , 2020, 4, 5062-5077.	5.2	6
128	Validation of commercially available sphingosine kinase 2 antibodies for use in immunoblotting, immunoprecipitation and immunofluorescence. <i>F1000Research</i> , 2016, 5, 2825.	1.6	6
129	Validation of commercially available sphingosine kinase 2 antibodies for use in immunoblotting, immunoprecipitation and immunofluorescence. <i>F1000Research</i> , 2016, 5, 2825.	1.6	6
130	Novel therapies for multiple myeloma. <i>Aging</i> , 2017, 9, 1857-1858.	3.1	6
131	Induction and carbon source control of extracellular Î²-glucosidase production in <i>Acremonium persicinum</i> . <i>Mycological Research</i> , 1999, 103, 161-167.	2.5	5
132	Local Sphingosine Kinase 1 Activity Improves Islet Transplantation. <i>Diabetes</i> , 2017, 66, 1301-1311.	0.6	5
133	Targeting sphingosine kinase 1 in acute myeloid leukemia: translation to clinic. <i>International Journal of Hematologic Oncology</i> , 2017, 6, 31-34.	1.6	5
134	Enhancing ER stress in myeloma. <i>Aging</i> , 2017, 9, 1645-1646.	3.1	5
135	Regulation of EPCs: The Gateway to Blood Vessel Formation. <i>New Journal of Science</i> , 2014, 2014, 1-16.	1.0	4
136	The effect of dihydroceramide desaturase 1 inhibition on endothelial impairment induced by indoxyl sulfate. <i>Vascular Pharmacology</i> , 2021, 141, 106923.	2.1	4
137	Slit-Robo signalling establishes a Sphingosine-1-phosphate gradient to polarise fin mesenchyme. <i>EMBO Reports</i> , 2022, 23, .	4.5	4
138	An Improved Isoform-Selective Assay for Sphingosine Kinase 1 Activity. <i>Methods in Molecular Biology</i> , 2017, 1697, 9-20.	0.9	3
139	The MCL-1 inhibitor S63845: an exciting new addition to the armoury of anti-cancer agents. <i>Journal of Xiangya Medicine</i> , 0, 2, 53-53.	0.2	3
140	Intracellular and cell wall associated Î²-glucanases and Î²-glucosidases of <i>Acremonium persicinum</i> . <i>Mycological Research</i> , 1999, 103, 1217-1224.	2.5	2
141	Sphingolipidsâ€”who's controlling who in disease?. <i>Immunology and Cell Biology</i> , 2015, 93, 767-768.	2.3	2
142	Modification of the tumour microenvironment via exosomal shedding of sphingosine 1-phosphate receptor 2 by breast cancer cells. <i>Oncotarget</i> , 2018, 9, 30938-30939.	1.8	2
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