Timothy T Hla

List of Publications by Year
in descending order

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247	35,162	2423 97	3394 183
papers	citations	h-index	g-index

306	306	306	25206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human cyclooxygenase-2 cDNA.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 7384-7388.	3.3	1,462
2	Cyclooxygenase Isozymes: The Biology of Prostaglandin Synthesis and Inhibition. Pharmacological Reviews, 2004, 56, 387-437.	7.1	1,427
3	Edg-1, the G proteinâ€“coupled receptor for sphingosine-1-phosphate, is essential for vascular maturation. Journal of Clinical Investigation, 2000, 106, 951-961.	3.9	1,045
4	Sphingosine-1-Phosphate as a Ligand for the G Protein-Coupled Receptor EDG-1. Science, 1998, 279, 1552-1555.	6.0	970
5	Vascular Endothelial Cell Adherens Junction Assembly and Morphogenesis Induced by Sphingosine-1-Phosphate. Cell, 1999, 99, 301-312.	13.5	951
6	Overexpression of Cyclooxygenase-2 Is Sufficient to Induce Tumorigenesis in Transgenic Mice. Journal of Biological Chemistry, 2001, 276, 18563-18569.	1.6	697
7	Cyclooxygenase-1 and -2 expression in rheumatoid synovial tissues. Effects of interleukin-1 beta, phorbol ester, and corticosteroids.. Journal of Clinical Investigation, 1994, 93, 1095-1101.	3.9	605
8	Interleukin 1 regulates synthesis of amyloid beta-protein precursor mRNA in human endothelial cells.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 7606-7610.	3.3	575
9	Lysophospholipids--Receptor Revelations. Science, 2001, 294, 1875-1878.	6.0	540
10	Endothelium-protective sphingosine-1-phosphate provided by HDL-associated apolipoprotein M. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9613-9618.	3.3	512
11	Induction of vascular endothelial growth factor expression in synovial fibroblasts by prostaglandin E and interleukin-1: a potential mechanism for inflammatory angiogenesis. FEBS Letters, 1995, 372, 83-87.	1.3	471
12	Dual Actions of Sphingosine-1-Phosphate: Extracellular through the Gi-coupled Receptor Edg-1 and Intracellular to Regulate Proliferation and Survival. Journal of Cell Biology, 1998, 142, 229-240.	2.3	464
13	FTY720: Sphingosine 1-Phosphate Receptor-1 in the Control of Lymphocyte Egress and Endothelial Barrier Function. American Journal of Transplantation, 2004, 4, 1019-1025.	2.6	455
14	The Nuclear Receptor PPARÎ³ and Immunoregulation: PPARÎ³ Mediates Inhibition of Helper T Cell Responses. Journal of Immunology, 2000, 164, 1364-1371.	0.4	442
15	International Union of Pharmacology. XXXIV. Lysophospholipid Receptor Nomenclature. Pharmacological Reviews, 2002, 54, 265-269.	7.1	441
16	Regulation of PTEN by Rho small GTPases. Nature Cell Biology, 2005, 7, 399-404.	4.6	427
17	Structural and functional characteristics of S1P receptors. Journal of Cellular Biochemistry, 2004, 92, 913-922.	1.2	423
18	Vascular Endothelium As a Contributor of Plasma Sphingosine 1-Phosphate. Circulation Research, 2008, 102, 669-676.	2.0	420

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19	An update on the biology of sphingosine 1-phosphate receptors. Journal of Lipid Research, 2014, 55, 1596-1608.	2.0	420
20	Emerging biology of sphingosine-1-phosphate: its role in pathogenesis and therapy. Journal of Clinical Investigation, 2015, 125, 1379-1387.	3.9	415
21	Endothelial Cell Apoptosis Induced by the Peroxisome Proliferator-activated Receptor (PPAR) Ligand 15-Deoxy-Î”12,14-prostaglandin J2. Journal of Biological Chemistry, 1999, 274, 17042-17048.	1.6	393
22	Recovery of mitogenic activity of a growth factor mutant with a nuclear translocation sequence. Science, 1990, 249, 1567-1570.	6.0	369
23	Immunosuppressive and Anti-angiogenic Sphingosine 1-Phosphate Receptor-1 Agonists Induce Ubiquitinylation and Proteasomal Degradation of the Receptor. Journal of Biological Chemistry, 2007, 282, 9082-9089.	1.6	363
24	Physiological and pathological actions of sphingosine 1-phosphate. Seminars in Cell and Developmental Biology, 2004, 15, 513-520.	2.3	355
25	Phosphorylation and Action of the Immunomodulator FTY720 Inhibits Vascular Endothelial Cell Growth Factor-induced Vascular Permeability. Journal of Biological Chemistry, 2003, 278, 47281-47290.	1.6	350
26	15-deoxy-Î”12,14-PGJ2 induces synoviocyte apoptosis and suppresses adjuvant-induced arthritis in rats. Journal of Clinical Investigation, 2000, 106, 189-197.	3.9	348
27	Sphingosine 1-phosphate: Lipid signaling in pathology and therapy. Science, 2019, 366, .	6.0	344
28	Role of prostaglandin E2-dependent angiogenic switch in cyclooxygenase 2-induced breast cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 591-596.	3.3	341
29	Obesity Is Associated with Inflammation and Elevated Aromatase Expression in the Mouse Mammary Gland. Cancer Prevention Research, 2011, 4, 329-346.	0.7	335
30	In vivo cyclooxygenase expression in synovial tissues of patients with rheumatoid arthritis and osteoarthritis and rats with adjuvant and streptococcal cell wall arthritis.. Journal of Clinical Investigation, 1992, 89, 97-108.	3.9	315
31	Inhibition of Human Lung Cancer Cell Growth by the Peroxisome Proliferator-Activated Receptor-Î³ Agonists through Induction of Apoptosis. Biochemical and Biophysical Research Communications, 2000, 270, 400-405.	1.0	307
32	International Union of Basic and Clinical Pharmacology. LXXVIII. Lysophospholipid Receptor Nomenclature: TABLE 1. Pharmacological Reviews, 2010, 62, 579-587.	7.1	307
33	Expression of cyclooxygenase-2 in prostate carcinoma. Cancer, 2000, 89, 589-596.	2.0	304
34	Differential Coupling of the Sphingosine 1-Phosphate Receptors Edg-1, Edg-3, and H218/Edg-5 to the Gi, Gq, and G12 Families of Heterotrimeric G Proteins. Journal of Biological Chemistry, 1999, 274, 27351-27358.	1.6	300
35	Characterization of a Novel Sphingosine 1-Phosphate Receptor, Edg-8. Journal of Biological Chemistry, 2000, 275, 14281-14286.	1.6	299
36	Induction of Vascular Permeability by the Sphingosine-1-Phosphate Receptorâ€“2 (S1P2R) and its Downstream Effectors ROCK and PTEN. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1312-1318.	1.1	297

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37	Involvement of nuclear factorkB in the regulation of cyclooxygenase-2 expression by interleukin-1 in rheumatoid synoviocytes. Arthritis and Rheumatism, 1997, 40, 226-236.	6.7	288
38	Akt-Mediated Phosphorylation of the G Protein-Coupled Receptor EDG-1 Is Required for Endothelial Cell Chemotaxis. Molecular Cell, 2001, 8, 693-704.	4.5	286
39	Signaling of sphingosine-1-phosphate via the S1P/EDG-family of G-protein-coupled receptors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2002, 1582, 72-80.	1.2	283
40	Extracellular Export of Sphingosine Kinase-1 Enzyme. Journal of Biological Chemistry, 2002, 277, 6667-6675.	1.6	269
41	Flow-Regulated Endothelial S1P Receptor-1 Signaling Sustains Vascular Development. Developmental Cell, 2012, 23, 600-610.	3.1	269
42	Antagonism of Sphingosine-1-Phosphate Receptors by FTY720 Inhibits Angiogenesis and Tumor Vascularization. Cancer Research, 2006, 66, 221-231.	0.4	265
43	Sphingosine 1-Phosphate-induced Endothelial Cell Migration Requires the Expression of EDG-1 and EDG-3 Receptors and Rho-dependent Activation of Î±vÎ²3- and Î²1-containing Integrins. Journal of Biological Chemistry, 2001, 276, 11830-11837.	1.6	257
44	HDL-bound sphingosine 1-phosphate acts as a biased agonist for the endothelial cell receptor S1P ₁ to limit vascular inflammation. Science Signaling, 2015, 8, ra79.	1.6	254
45	Signaling and biological actions of sphingosine 1-phosphate. Pharmacological Research, 2003, 47, 401-407.	3.1	248
46	Sphingosine 1-Phosphate Activates Akt, Nitric Oxide Production, and Chemotaxis through a GiProtein/Phosphoinositide 3-Kinase Pathway in Endothelial Cells. Journal of Biological Chemistry, 2001, 276, 19672-19677.	1.6	244
47	Point-Counterpoint of Sphingosine 1-Phosphate Metabolism. Circulation Research, 2004, 94, 724-734.	2.0	243
48	Sphingosine 1-phosphate receptor regulation of N-cadherin mediates vascular stabilization. Genes and Development, 2004, 18, 2392-2403.	2.7	238
49	Differential Pharmacological Properties and Signal Transduction of the Sphingosine 1-Phosphate Receptors EDG-1, EDG-3, and EDG-5. Journal of Biological Chemistry, 1999, 274, 18997-19002.	1.6	237
50	Sphingosine 1-phosphate signalling. Development (Cambridge), 2014, 141, 5-9.	1.2	235
51	Down-regulation of cytokine-induced cyclo-oxygenase-2 transcript isoforms by dexamethasone: evidence for post-transcriptional regulation. Biochemical Journal, 1996, 318, 325-331.	1.7	227
52	S1P1-Selective In Vivo-Active Agonists from High- Throughput Screening: Off-the-Shelf Chemical Probes of Receptor Interactions, Signaling, and Fate. Chemistry and Biology, 2005, 12, 703-715.	6.2	227
53	Genome-wide identification of microRNAs regulating cholesterol and triglyceride homeostasis. Nature Medicine, 2015, 21, 1290-1297.	15.2	214
54	Cytoplasmic HuR Expression Is a Prognostic Factor in Invasive Ductal Breast Carcinoma. Cancer Research, 2005, 65, 2157-2161.	0.4	209

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55	Intracellular Role for Sphingosine Kinase 1 in Intestinal Adenoma Cell Proliferation. Molecular and Cellular Biology, 2006, 26, 7211-7223.	1.1	201
56	Cyclooxygenase-1 and -2 isoenzymes. International Journal of Biochemistry and Cell Biology, 1999, 31, 551-557.	1.2	197
57	Engagement of S1P1-degradative mechanisms leads to vascular leak in mice. Journal of Clinical Investigation, 2011, 121, 2290-2300.	3.9	196
58	HDL-bound sphingosine-1-phosphate restrains lymphopoiesis and neuroinflammation. Nature, 2015, 523, 342-346.	13.7	192
59	Essential role of sphingosine 1â€“phosphate receptor 2 in pathological angiogenesis of the mouse retina. Journal of Clinical Investigation, 2007, 117, 2506-2516.	3.9	191
60	Sphingolipid Signaling in Metabolic Disorders. Cell Metabolism, 2012, 16, 420-434.	7.2	190
61	Extracellular export of sphingosine kinase-1a contributes to the vascular S1P gradient. Biochemical Journal, 2006, 397, 461-471.	1.7	188
62	Ligand-induced Trafficking of the Sphingosine-1-phosphate Receptor EDG-1. Molecular Biology of the Cell, 1999, 10, 1179-1190.	0.9	182
63	Requirement for sphingosine 1â€“phosphate receptor-1 in tumor angiogenesis demonstrated by in vivo RNA interference. Journal of Clinical Investigation, 2004, 114, 1082-1089.	3.9	174
64	Sphingosine 1-phosphate (S1P). Neurology, 2011, 76, S3-8.	1.5	173
65	Sphingosine 1-phosphate and inflammation. International Immunology, 2019, 31, 617-625.	1.8	169
66	Cardiac and vascular effects of fingolimod: Mechanistic basis and clinical implications. American Heart Journal, 2014, 168, 632-644.	1.2	168
67	Size-selective opening of the bloodâ€“brain barrier by targeting endothelial sphingosine 1â€“phosphate receptor 1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4531-4536.	3.3	167
68	Cyclooxygenase-2 modulates cellular growth and promotes tumorigenesis. Journal of Cellular and Molecular Medicine, 2003, 7, 207-222.	1.6	163
69	Essential role of the RNA-binding protein HuR in progenitor cell survival in mice. Journal of Clinical Investigation, 2009, 119, 3530-3543.	3.9	163
70	Deafness and Stria Vascularis Defects in S1P2 Receptor-null Mice. Journal of Biological Chemistry, 2007, 282, 10690-10696.	1.6	159
71	Role of the Sphingosine 1-Phosphate Receptor EDG-1 in Vascular Smooth Muscle Cell Proliferation and Migration. Circulation Research, 2001, 89, 496-502.	2.0	157
72	The vascular S1P gradientâ€”Cellular sources and biological significance. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 477-482.	1.2	157

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73	The Inducible G Protein-coupled Receptor edg-1 Signals via the Gi/Mitogen-activated Protein Kinase Pathway. Journal of Biological Chemistry, 1996, 271, 11272-11279.	1.6	156
74	Cell-surface residence of sphingosine 1-phosphate receptor 1 on lymphocytes determines lymphocyte egress kinetics. Journal of Experimental Medicine, 2010, 207, 1475-1483.	4.2	155
75	The G Proteinâ€“Coupled Receptor S1P2 Regulates Rho/Rho Kinase Pathway to Inhibit Tumor Cell Migration. Cancer Research, 2005, 65, 3788-3795.	0.4	154
76	Sphingosine 1-phosphate/sphingosine 1-phosphate receptor 1 signaling in rheumatoid synovium: Regulation of synovial proliferation and inflammatory gene expression. Arthritis and Rheumatism, 2006, 54, 742-753.	6.7	154
77	Sphingosine 1-phosphate in coagulation and inflammation. Seminars in Immunopathology, 2012, 34, 73-91.	2.8	154
78	Lymphatic endothelial S1P promotes mitochondrial function and survival in naive T cells. Nature, 2017, 546, 158-161.	13.7	153
79	TWEAK Is an Endothelial Cell Growth and Chemotactic Factor That Also Potentiates FGF-2 and VEGF-A Mitogenic Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 594-600.	1.1	152
80	The RNA-binding Protein HuR Regulates the Expression of Cyclooxygenase-2. Journal of Biological Chemistry, 2003, 278, 25227-25233.	1.6	151
81	Dual Roles of Tight Junction-associated Protein, Zonula Occludens-1, in Sphingosine 1-Phosphate-mediated Endothelial Chemotaxis and Barrier Integrity. Journal of Biological Chemistry, 2006, 281, 29190-29200.	1.6	151
82	PTEN as an effector in the signaling of antimigratory G protein-coupled receptor. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4312-4317.	3.3	149
83	Sphingosine-1-Phosphate Receptor-2 Function in Myeloid Cells Regulates Vascular Inflammation and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 81-85.	1.1	148
84	HER2/neu-Induced Mammary Tumorigenesis and Angiogenesis Are Reduced in Cyclooxygenase-2 Knockout Mice. Cancer Research, 2005, 65, 10113-10119.	0.4	145
85	Discussion. Biochemical Pharmacology, 1999, 58, 201-207.	2.0	143
86	Cyclooxygenase Gene Expression in Inflammation and Angiogenesis^a. Annals of the New York Academy of Sciences, 1993, 696, 197-204.	1.8	143
87	Regulation of Mammalian Physiology, Development, and Disease by the Sphingosine 1-Phosphate and Lysophosphatidic Acid Receptors. Chemical Reviews, 2011, 111, 6299-6320.	23.0	136
88	Defective sphingosine 1-phosphate receptor 1 (S1P1) phosphorylation exacerbates TH17-mediated autoimmune neuroinflammation. Nature Immunology, 2013, 14, 1166-1172.	7.0	135
89	Sphingosineâ€1â€phosphate receptor 1 signalling in T cells: trafficking and beyond. Immunology, 2014, 142, 347-353.	2.0	124
90	Sphingosine 1-phosphate receptors. Prostaglandins and Other Lipid Mediators, 2001, 64, 135-142.	1.0	123

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91	Inhibitory Role of Sphingosine 1-Phosphate Receptor 2 in Macrophage Recruitment during Inflammation. Journal of Immunology, 2010, 184, 1475-1483.	0.4	121
92	Cytoplasmic HuR expression correlates with poor outcome and with cyclooxygenase 2 expression in serous ovarian carcinoma. Cancer Research, 2003, 63, 7591-4.	0.4	118
93	Lysophosphatidic Acid Stimulates the G-protein-coupled Receptor EDG-1 as a Low Affinity Agonist. Journal of Biological Chemistry, 1998, 273, 22105-22112.	1.6	108
94	Requirement for sphingosine 1â€“phosphate receptor-1 in tumor angiogenesis demonstrated by in vivo RNA interference. Journal of Clinical Investigation, 2004, 114, 1082-1089.	3.9	105
95	Overexpression of Cyclooxygenase-2 Induces Cell Cycle Arrest. Journal of Biological Chemistry, 1999, 274, 34141-34147.	1.6	104
96	A novel method to quantify sphingosine 1-phosphate by immobilized metal affinity chromatography (IMAC). Prostaglandins and Other Lipid Mediators, 2007, 84, 154-162.	1.0	103
97	Leptomycin B, an Inhibitor of the Nuclear Export Receptor CRM1, Inhibits COX-2 Expression. Journal of Biological Chemistry, 2003, 278, 2773-2776.	1.6	102
98	S1P Control of Endothelial Integrity. Current Topics in Microbiology and Immunology, 2014, 378, 85-105.	0.7	100
99	Impaired endothelial barrier function in apolipoprotein Mâ€deficient mice is dependent on sphingosineâ€1â€phosphate receptor 1. FASEB Journal, 2016, 30, 2351-2359.	0.2	99
100	The Prostaglandin E2 Receptor EP2 Is Required for Cyclooxygenase 2â€“Mediated Mammary Hyperplasia. Cancer Research, 2005, 65, 4496-4499.	0.4	98
101	S1PR1 (Sphingosine-1-Phosphate Receptor 1) Signaling Regulates Blood Flow and Pressure. Hypertension, 2017, 70, 426-434.	1.3	98
102	Nogo-B regulates endothelial sphingolipid homeostasis to control vascular function and blood pressure. Nature Medicine, 2015, 21, 1028-1037.	15.2	96
103	Constitutive expression of the S1P1 receptor in adult tissues. Prostaglandins and Other Lipid Mediators, 2004, 73, 141-150.	1.0	92
104	Regulation of vascular physiology and pathology by the S1P2 receptor subtype. Cardiovascular Research, 2008, 82, 221-228.	1.8	89
105	An engineered S1P chaperone attenuates hypertension and ischemic injury. Science Signaling, 2017, 10, .	1.6	89
106	Tumorigenic Transformation of Immortalized ECV Endothelial Cells by Cyclooxygenase-1 Overexpression. Journal of Biological Chemistry, 1997, 272, 21455-21460.	1.6	87
107	Vascular and Immunobiology of the Circulatory Sphingosine 1-Phosphate Gradient. Annual Review of Physiology, 2017, 79, 67-91.	5.6	87
108	HER-2/neu Status Is a Determinant of Mammary Aromatase Activity In vivo: Evidence for a Cyclooxygenase-2-Dependent Mechanism. Cancer Research, 2006, 66, 5504-5511.	0.4	86

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109	EP2 and EP4 Receptors Regulate Aromatase Expression in Human Adipocytes and Breast Cancer Cells. Journal of Biological Chemistry, 2008, 283, 3433-3444.	1.6	86
110	Feedback Control of the Arachidonate Cascade in Rheumatoid Synoviocytes by 15-deoxy-Î”12,14-Prostaglandin J2. Biochemical and Biophysical Research Communications, 2001, 283, 750-755.	1.0	85
111	Coexpression of phosphotyrosine-containing proteins, platelet-derived growth factor-B, and fibroblast growth factor-1 in situ in synovial tissues of patients with rheumatoid arthritis and Lewis rats with adjuvant or streptococcal cell wall arthritis.. Journal of Clinical Investigation, 1993, 91, 553-565.	3.9	80
112	Mapping Pathways Downstream of Sphingosine 1-Phosphate Subtype 1 by Differential Chemical Perturbation and Proteomics. Journal of Biological Chemistry, 2007, 282, 7254-7264.	1.6	79
113	Erythrocyte-derived sphingosine 1-phosphate is essential for vascular development. Journal of Clinical Investigation, 2014, 124, 4823-4828.	3.9	79
114	C16:0-Ceramide Signals Insulin Resistance. Cell Metabolism, 2014, 20, 703-705.	7.2	77
115	Dissociation of Basal Turnover and Cytokine-Induced Transcript Stabilization of the Human Cyclooxygenase-2 mRNA by Mutagenesis of the 3â€²-Untranslated Region. Biochemical and Biophysical Research Communications, 1998, 242, 508-512.	1.0	75
116	Normal acute and chronic inflammatory responses in sphingosine kinase 1 knockout mice. FEBS Letters, 2006, 580, 4607-4612.	1.3	75
117	TRAF2 regulates TNF and NF-ÎºB signalling to suppress apoptosis and skin inflammation independently of Sphingosine kinase 1. ELife, 2015, 4, .	2.8	75
118	Antagonistic Function of the RNA-binding Protein HuR and miR-200b in Post-transcriptional Regulation of Vascular Endothelial Growth Factor-A Expression and Angiogenesis. Journal of Biological Chemistry, 2013, 288, 4908-4921.	1.6	73
119	Endothelial S1P ₁ Signaling Counteracts Infarct Expansion in Ischemic Stroke. Circulation Research, 2021, 128, 363-382.	2.0	71
120	The Mouse Gene for the Inducible G-Protein-Coupled Receptoredg-1. Genomics, 1997, 43, 15-24.	1.3	70
121	CD4 T cell sphingosine 1-phosphate receptor (S1PR)1 and S1PR4 and endothelial S1PR2 regulate afferent lymphatic migration. Science Immunology, 2019, 4, .	5.6	70
122	Sphingosine 1-Phosphate Receptor Signaling Regulates Proper Embryonic Vascular Patterning. Journal of Biological Chemistry, 2013, 288, 2143-2156.	1.6	69
123	Bioactive lysolipids in cancer and angiogenesis. , 2019, 193, 91-98.		69
124	Phospholipase C Î²3 deficiency leads to macrophage hypersensitivity to apoptotic induction and reduction of atherosclerosis in mice. Journal of Clinical Investigation, 2008, 118, 195-204.	3.9	69
125	Sphingosine 1â€Phosphate Receptor 1 Signaling Maintains Endothelial Cell Barrier Function and Protects Against ImmuneÂComplexâ€“Induced Vascular Injury. Arthritis and Rheumatology, 2018, 70, 1879-1889.	2.9	68
126	Serum Withdrawal-induced Post-transcriptional Stabilization of Cyclooxygenase-2 mRNA in MDA-MB-231 Mammary Carcinoma Cells Requires the Activity of the p38 Stress-activated Protein Kinase. Journal of Biological Chemistry, 2000, 275, 39507-39515.	1.6	67

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127	Regulation of limb development by the sphingosine 1-phosphate receptor S1p1/EDG-1 occurs via the hypoxia/VEGF axis. Developmental Biology, 2004, 268, 441-447.	0.9	67
128	The BCL6 RD2 Domain Governs Commitment of Activated B Cells to Form Germinal Centers. Cell Reports, 2014, 8, 1497-1508.	2.9	67
129	Endothelial sphingosine 1-phosphate receptors promote vascular normalization and antitumor therapy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3157-3166.	3.3	67
130	Induction of cyclooxygenase-2 in monocyte/macrophage by mucins secreted from colon cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2736-2741.	3.3	66
131	Lysophospholipid receptors in vertebrate development, physiology, and pathology. Journal of Lipid Research, 2009, 50, S293-S298.	2.0	66
132	Sphingosine Kinases Are Not Required for Inflammatory Responses in Macrophages. Journal of Biological Chemistry, 2013, 288, 32563-32573.	1.6	65
133	COX-2 suppresses tissue factor expression via endocannabinoid-directed PPARÎ´ activation. Journal of Experimental Medicine, 2007, 204, 2053-2061.	4.2	64
134	Induction of Antiproliferative Connective Tissue Growth Factor Expression in Wilms' Tumor Cells by Sphingosine-1-Phosphate Receptor 2. Molecular Cancer Research, 2008, 6, 1649-1656.	1.5	62
135	Platelet and Erythrocyte Sources of S1P Are Redundant for Vascular Development and Homeostasis, but Both Rendered Essential After Plasma S1P Depletion in Anaphylactic Shock. Circulation Research, 2016, 119, e110-26.	2.0	61
136	Bisphenol A diglycidyl ether (BADGE) is a PPARÎ³ agonist in an ECV304 cell line. British Journal of Pharmacology, 2000, 131, 651-654.	2.7	60
137	Gene regulation by RNA binding proteins and microRNAs in angiogenesis. Trends in Molecular Medicine, 2011, 17, 650-658.	3.5	60
138	TLR4 (Toll-Like Receptor 4)-Dependent Signaling Drives Extracellular Catabolism of LDL (Low-Density) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	11	60
139	HDL activation of endothelial sphingosine-1-phosphate receptor-1 (S1P1) promotes regeneration and suppresses fibrosis in the liver. JCI Insight, 2016, 1, e87058.	2.3	59
140	Intimal Smooth Muscle Cells as a Target for Peroxisome Proliferator-Activated Receptor-Î³ Ligand Therapy. Circulation Research, 2002, 91, 210-217.	2.0	58
141	Intestinal Epithelial HuR Modulates Distinct Pathways of Proliferation and Apoptosis and Attenuates Small Intestinal and Colonic Tumor Development. Cancer Research, 2014, 74, 5322-5335.	0.4	55
142	Isolation of the cDNA for human prostaglandin H synthase. Prostaglandins, 1986, 32, 829-845.	1.2	54
143	S1P/S1P1 signaling stimulates cell migration and invasion in Wilms tumor. Cancer Letters, 2009, 276, 171-179.	3.2	54
144	ELAVL1 Modulates Transcriptome-wide miRNA Binding in Murine Macrophages. Cell Reports, 2014, 9, 2330-2343.	2.9	54

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145	ELAVL1 regulates alternative splicing of eIF4E transporter to promote postnatal angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18309-18314.	3.3	54
146	Lysolipid receptor cross-talk regulates lymphatic endothelial junctions in lymph nodes. Journal of Experimental Medicine, 2019, 216, 1582-1598.	4.2	54
147	Sphingosine-1-phosphate Signaling in Endothelial Activation. Journal of Atherosclerosis and Thrombosis, 2003, 10, 125-131.	0.9	53
148	Prostaglandin E2 and vasoactive intestinal peptide increase vascular endothelial cell growth factor mRNAs in lung cancer cells. Lung Cancer, 2001, 31, 203-212.	0.9	52
149	S1P1 localizes to the colonic vasculature in ulcerative colitis and maintains blood vessel integrity. Journal of Lipid Research, 2013, 54, 843-851.	2.0	52
150	Sphingosineâ€1â€Phosphate Signaling via the EDGâ€1 Family of Gâ€Proteinâ€Coupled Receptors. Annals of the New York Academy of Sciences, 2000, 905, 16-24.	1.8	51
151	TARGETING SPHINGOSINE-1-PHOSPHATE RECEPTORS AS ANTI-TUMOR AND ANTI-ANGIOGENIC THERAPY IN RENAL CELL CARCINOMA. Journal of Urology, 2008, 179, 40-40.	0.2	48
152	Sphingosine-1-phosphate signaling regulates lamellipodia localization of cortactin complexes in endothelial cells. Histochemistry and Cell Biology, 2006, 126, 297-304.	0.8	47
153	Role of Sphingosine 1-Phosphate in the Pathogenesis of SjoÌˆgrenâ€™s Syndrome. Journal of Immunology, 2008, 180, 1921-1928.	0.4	47
154	S1PR1 regulates the quiescence of lymphatic vessels by inhibiting laminar shear stressâ€“dependent VEGF-C signaling. JCI Insight, 2020, 5, .	2.3	47
155	Up-regulating Sphingosine 1-Phosphate Receptor-2 Signaling Impairs Chemotactic, Wound-healing, and Morphogenetic Responses in Senescent Endothelial Cells. Journal of Biological Chemistry, 2008, 283, 30363-30375.	1.6	46
156	Knock Out of S1P3 Receptor Signaling Attenuates Inflammation and Fibrosis in Bleomycin-Induced Lung Injury Mice Model. PLoS ONE, 2014, 9, e106792.	1.1	43
157	Postâ€transcriptional regulation of Nrf2â€mRNA by the mRNAâ€binding proteins HuR and AUF1. FASEB Journal, 2019, 33, 14636-14652.	0.2	42
158	Lysophospholipid Mediators in Health and Disease. Annual Review of Pathology: Mechanisms of Disease, 2022, 17, 459-483.	9.6	42
159	Role of guanine nucleotide exchange factor P-Rex-2b in sphingosine 1-phosphate-induced Rac1 activation and cell migration in endothelial cells. Prostaglandins and Other Lipid Mediators, 2005, 76, 95-104.	1.0	41
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