

Timothy T Hla

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273
papers

30,071
citations

93
h-index

171
g-index

306
ext. papers

32,501
ext. citations

10.2
avg, IF

7.18
L-index

#	Paper	IF	Citations
273	Human cyclooxygenase-2 cDNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 7384-8	11.5	1361
272	Cyclooxygenase isozymes: the biology of prostaglandin synthesis and inhibition. <i>Pharmacological Reviews</i> , 2004 , 56, 387-437	22.5	1231
271	Edg-1, the G protein-coupled receptor for sphingosine-1-phosphate, is essential for vascular maturation. <i>Journal of Clinical Investigation</i> , 2000 , 106, 951-61	15.9	904
270	Sphingosine-1-phosphate as a ligand for the G protein-coupled receptor EDG-1. <i>Science</i> , 1998 , 279, 1552-5	35.3	887
269	Vascular endothelial cell adherens junction assembly and morphogenesis induced by sphingosine-1-phosphate. <i>Cell</i> , 1999 , 99, 301-12	56.2	874
268	Overexpression of cyclooxygenase-2 is sufficient to induce tumorigenesis in transgenic mice. <i>Journal of Biological Chemistry</i> , 2001 , 276, 18563-9	5.4	602
267	Interleukin 1 regulates synthesis of amyloid beta-protein precursor mRNA in human endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 7606-10	11.5	520
266	Cyclooxygenase-1 and -2 expression in rheumatoid synovial tissues. Effects of interleukin-1 beta, phorbol ester, and corticosteroids. <i>Journal of Clinical Investigation</i> , 1994 , 93, 1095-101	15.9	514
265	Lysophospholipids--receptor revelations. <i>Science</i> , 2001 , 294, 1875-8	33.3	476
264	Dual actions of sphingosine-1-phosphate: extracellular through the Gi-coupled receptor Edg-1 and intracellular to regulate proliferation and survival. <i>Journal of Cell Biology</i> , 1998 , 142, 229-40	7.3	447
263	Endothelium-protective sphingosine-1-phosphate provided by HDL-associated apolipoprotein M. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9613-8	11.5	420
262	The nuclear receptor PPAR gamma and immunoregulation: PPAR gamma mediates inhibition of helper T cell responses. <i>Journal of Immunology</i> , 2000 , 164, 1364-71	5.3	407
261	FTY720: sphingosine 1-phosphate receptor-1 in the control of lymphocyte egress and endothelial barrier function. <i>American Journal of Transplantation</i> , 2004 , 4, 1019-25	8.7	405
260	Induction of vascular endothelial growth factor expression in synovial fibroblasts by prostaglandin E and interleukin-1: a potential mechanism for inflammatory angiogenesis. <i>FEBS Letters</i> , 1995 , 372, 83-7	3.8	394
259	International Union of Pharmacology. XXXIV. Lysophospholipid receptor nomenclature. <i>Pharmacological Reviews</i> , 2002 , 54, 265-9	22.5	393
258	Regulation of PTEN by Rho small GTPases. <i>Nature Cell Biology</i> , 2005 , 7, 399-404	23.4	391
257	Structural and functional characteristics of S1P receptors. <i>Journal of Cellular Biochemistry</i> , 2004 , 92, 913-27	27	389

256	Vascular endothelium as a contributor of plasma sphingosine 1-phosphate. <i>Circulation Research</i> , 2008 , 102, 669-76	15.7	372
255	Endothelial cell apoptosis induced by the peroxisome proliferator-activated receptor (PPAR) ligand 15-deoxy-Delta12, 14-prostaglandin J2. <i>Journal of Biological Chemistry</i> , 1999 , 274, 17042-8	5.4	350
254	Recovery of mitogenic activity of a growth factor mutant with a nuclear translocation sequence. <i>Science</i> , 1990 , 249, 1567-70	33.3	350
253	Physiological and pathological actions of sphingosine 1-phosphate. <i>Seminars in Cell and Developmental Biology</i> , 2004 , 15, 513-20	7.5	337
252	Immunosuppressive and anti-angiogenic sphingosine 1-phosphate receptor-1 agonists induce ubiquitinylation and proteasomal degradation of the receptor. <i>Journal of Biological Chemistry</i> , 2007 , 282, 9082-9	5.4	321
251	An update on the biology of sphingosine 1-phosphate receptors. <i>Journal of Lipid Research</i> , 2014 , 55, 1596-608	6.08	319
250	Role of prostaglandin E2-dependent angiogenic switch in cyclooxygenase 2-induced breast cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 591-6	11.5	319
249	Emerging biology of sphingosine-1-phosphate: its role in pathogenesis and therapy. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1379-87	15.9	318
248	Phosphorylation and action of the immunomodulator FTY720 inhibits vascular endothelial cell growth factor-induced vascular permeability. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47281-90	5.4	318
247	15-deoxy-delta(12,14)-PGJ(2) induces synoviocyte apoptosis and suppresses adjuvant-induced arthritis in rats. <i>Journal of Clinical Investigation</i> , 2000 , 106, 189-97	15.9	311
246	Obesity is associated with inflammation and elevated aromatase expression in the mouse mammary gland. <i>Cancer Prevention Research</i> , 2011 , 4, 329-46	3.2	296
245	Inhibition of human lung cancer cell growth by the peroxisome proliferator-activated receptor-gamma agonists through induction of apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 270, 400-5	3.4	290
244	Expression of cyclooxygenase-2 in prostate carcinoma. <i>Cancer</i> , 2000 , 89, 589-596	6.4	278
243	International Union of Basic and Clinical Pharmacology. LXXVIII. Lysophospholipid receptor nomenclature. <i>Pharmacological Reviews</i> , 2010 , 62, 579-87	22.5	271
242	Differential coupling of the sphingosine 1-phosphate receptors Edg-1, Edg-3, and H218/Edg-5 to the G(i), G(q), and G(12) families of heterotrimeric G proteins. <i>Journal of Biological Chemistry</i> , 1999 , 274, 27351-8	5.4	270
241	Akt-mediated phosphorylation of the G protein-coupled receptor EDG-1 is required for endothelial cell chemotaxis. <i>Molecular Cell</i> , 2001 , 8, 693-704	17.6	269
240	In vivo cyclooxygenase expression in synovial tissues of patients with rheumatoid arthritis and osteoarthritis and rats with adjuvant and streptococcal cell wall arthritis. <i>Journal of Clinical Investigation</i> , 1992 , 89, 97-108	15.9	269
239	Induction of vascular permeability by the sphingosine-1-phosphate receptor-2 (S1P2R) and its downstream effectors ROCK and PTEN. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1312-8	2.84	253

238	Signaling of sphingosine-1-phosphate via the S1P/EDG-family of G-protein-coupled receptors. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002 , 1582, 72-80	5	252
237	Characterization of a novel sphingosine 1-phosphate receptor, Edg-8. <i>Journal of Biological Chemistry</i> , 2000 , 275, 14281-6	5.4	248
236	Antagonism of sphingosine-1-phosphate receptors by FTY720 inhibits angiogenesis and tumor vascularization. <i>Cancer Research</i> , 2006 , 66, 221-31	10.1	243
235	Involvement of nuclear factor kappa B in the regulation of cyclooxygenase-2 expression by interleukin-1 in rheumatoid synoviocytes. <i>Arthritis and Rheumatism</i> , 1997 , 40, 226-36		237
234	Extracellular export of sphingosine kinase-1 enzyme. Sphingosine 1-phosphate generation and the induction of angiogenic vascular maturation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 6667-75	5.4	234
233	Signaling and biological actions of sphingosine 1-phosphate. <i>Pharmacological Research</i> , 2003 , 47, 401-7	10.2	231
232	Sphingosine 1-phosphate-induced endothelial cell migration requires the expression of EDG-1 and EDG-3 receptors and Rho-dependent activation of alpha vbeta3- and beta1-containing integrins. <i>Journal of Biological Chemistry</i> , 2001 , 276, 11830-7	5.4	228
231	Point-counterpoint of sphingosine 1-phosphate metabolism. <i>Circulation Research</i> , 2004 , 94, 724-34	15.7	226
230	Sphingosine 1-phosphate activates Akt, nitric oxide production, and chemotaxis through a Gi protein/phosphoinositide 3-kinase pathway in endothelial cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 19672-7	5.4	224
229	S1P1-selective in vivo-active agonists from high-throughput screening: off-the-shelf chemical probes of receptor interactions, signaling, and fate. <i>Chemistry and Biology</i> , 2005 , 12, 703-15		212
228	Differential pharmacological properties and signal transduction of the sphingosine 1-phosphate receptors EDG-1, EDG-3, and EDG-5. <i>Journal of Biological Chemistry</i> , 1999 , 274, 18997-9002	5.4	212
227	Down-regulation of cytokine-induced cyclo-oxygenase-2 transcript isoforms by dexamethasone: evidence for post-transcriptional regulation. <i>Biochemical Journal</i> , 1996 , 318 (Pt 1), 325-31	3.8	208
226	Flow-regulated endothelial S1P receptor-1 signaling sustains vascular development. <i>Developmental Cell</i> , 2012 , 23, 600-10	10.2	207
225	Sphingosine 1-phosphate receptor regulation of N-cadherin mediates vascular stabilization. <i>Genes and Development</i> , 2004 , 18, 2392-403	12.6	196
224	Intracellular role for sphingosine kinase 1 in intestinal adenoma cell proliferation. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7211-23	4.8	188
223	HDL-bound sphingosine 1-phosphate acts as a biased agonist for the endothelial cell receptor S1P1 to limit vascular inflammation. <i>Science Signaling</i> , 2015 , 8, ra79	8.8	180
222	Sphingosine 1-phosphate signalling. <i>Development (Cambridge)</i> , 2014 , 141, 5-9	6.6	180
221	Cytoplasmic HuR expression is a prognostic factor in invasive ductal breast carcinoma. <i>Cancer Research</i> , 2005 , 65, 2157-61	10.1	180

220	Cyclooxygenase-1 and -2 isoenzymes. <i>International Journal of Biochemistry and Cell Biology</i> , 1999 , 31, 551-7	5.6	175
219	Essential role of sphingosine 1-phosphate receptor 2 in pathological angiogenesis of the mouse retina. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2506-16	15.9	168
218	Extracellular export of sphingosine kinase-1a contributes to the vascular S1P gradient. <i>Biochemical Journal</i> , 2006 , 397, 461-71	3.8	167
217	Ligand-induced trafficking of the sphingosine-1-phosphate receptor EDG-1. <i>Molecular Biology of the Cell</i> , 1999 , 10, 1179-90	3.5	166
216	Requirement for sphingosine 1-phosphate receptor-1 in tumor angiogenesis demonstrated by in vivo RNA interference. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1082-1089	15.9	166
215	Genome-wide identification of microRNAs regulating cholesterol and triglyceride homeostasis. <i>Nature Medicine</i> , 2015 , 21, 1290-7	50.5	160
214	Engagement of S1P2 degradative mechanisms leads to vascular leak in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 2290-300	15.9	159
213	Role of the sphingosine 1-phosphate receptor EDG-1 in vascular smooth muscle cell proliferation and migration. <i>Circulation Research</i> , 2001 , 89, 496-502	15.7	153
212	Sphingosine 1-phosphate (S1P): Physiology and the effects of S1P receptor modulation. <i>Neurology</i> , 2011 , 76, S3-8	6.5	152
211	Sphingosine 1-phosphate: Lipid signaling in pathology and therapy. <i>Science</i> , 2019 , 366,	33.3	149
210	Cyclooxygenase-2 modulates cellular growth and promotes tumorigenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2003 , 7, 207-22	5.6	149
209	Sphingosine 1-phosphate/sphingosine 1-phosphate receptor 1 signaling in rheumatoid synovium: regulation of synovial proliferation and inflammatory gene expression. <i>Arthritis and Rheumatism</i> , 2006 , 54, 742-53		145
208	Sphingolipid signaling in metabolic disorders. <i>Cell Metabolism</i> , 2012 , 16, 420-34	24.6	144
207	Deafness and stria vascularis defects in S1P2 receptor-null mice. <i>Journal of Biological Chemistry</i> , 2007 , 282, 10690-6	5.4	144
206	HDL-bound sphingosine-1-phosphate restrains lymphopoiesis and neuroinflammation. <i>Nature</i> , 2015 , 523, 342-6	50.4	142
205	The G protein-coupled receptor S1P2 regulates Rho/Rho kinase pathway to inhibit tumor cell migration. <i>Cancer Research</i> , 2005 , 65, 3788-95	10.1	142
204	Sphingosine-1-phosphate: extracellular mediator or intracellular second messenger?. <i>Biochemical Pharmacology</i> , 1999 , 58, 201-7	6	141
203	Dual roles of tight junction-associated protein, zonula occludens-1, in sphingosine 1-phosphate-mediated endothelial chemotaxis and barrier integrity. <i>Journal of Biological Chemistry</i> , 2006 , 281, 29190-200	5.4	137

202	TWEAK is an endothelial cell growth and chemotactic factor that also potentiates FGF-2 and VEGF-A mitogenic activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 594-600	9.4	136
201	HER2/neu-induced mammary tumorigenesis and angiogenesis are reduced in cyclooxygenase-2 knockout mice. <i>Cancer Research</i> , 2005 , 65, 10113-9	10.1	136
200	Sphingosine 1-phosphate in coagulation and inflammation. <i>Seminars in Immunopathology</i> , 2012 , 34, 73-91	9.12	135
199	PTEN as an effector in the signaling of antimigratory G protein-coupled receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 4312-7	11.5	135
198	The RNA-binding protein HuR regulates the expression of cyclooxygenase-2. <i>Journal of Biological Chemistry</i> , 2003 , 278, 25227-33	5.4	134
197	The inducible G protein-coupled receptor edg-1 signals via the G(i)/mitogen-activated protein kinase pathway. <i>Journal of Biological Chemistry</i> , 1996 , 271, 11272-9	5.4	134
196	Essential role of the RNA-binding protein HuR in progenitor cell survival in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3530-43	15.9	133
195	Cell-surface residence of sphingosine 1-phosphate receptor 1 on lymphocytes determines lymphocyte egress kinetics. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1475-83	16.6	130
194	Cyclooxygenase gene expression in inflammation and angiogenesis. <i>Annals of the New York Academy of Sciences</i> , 1993 , 696, 197-204	6.5	130
193	The vascular S1P gradient-cellular sources and biological significance. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008 , 1781, 477-82	5	128
192	Cardiac and vascular effects of fingolimod: mechanistic basis and clinical implications. <i>American Heart Journal</i> , 2014 , 168, 632-44	4.9	127
191	Sphingosine-1-phosphate receptor-2 function in myeloid cells regulates vascular inflammation and atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 81-5	9.4	124
190	Regulation of mammalian physiology, development, and disease by the sphingosine 1-phosphate and lysophosphatidic acid receptors. <i>Chemical Reviews</i> , 2011 , 111, 6299-320	68.1	116
189	Size-selective opening of the blood-brain barrier by targeting endothelial sphingosine 1-phosphate receptor 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4531-4536	11.5	111
188	Cytoplasmic HuR expression correlates with poor outcome and with cyclooxygenase 2 expression in serous ovarian carcinoma. <i>Cancer Research</i> , 2003 , 63, 7591-4	10.1	110
187	Defective sphingosine 1-phosphate receptor 1 (S1P1) phosphorylation exacerbates TH17-mediated autoimmune neuroinflammation. <i>Nature Immunology</i> , 2013 , 14, 1166-72	19.1	108
186	Inhibitory role of sphingosine 1-phosphate receptor 2 in macrophage recruitment during inflammation. <i>Journal of Immunology</i> , 2010 , 184, 1475-83	5.3	105
185	Sphingosine 1-phosphate receptors. <i>Prostaglandins and Other Lipid Mediators</i> , 2001 , 64, 135-42	3.7	105

184	Lymphatic endothelial S1P promotes mitochondrial function and survival in naive T cells. <i>Nature</i> , 2017 , 546, 158-161	50.4	101
183	Sphingosine-1-phosphate receptor 1 signalling in T cells: trafficking and beyond. <i>Immunology</i> , 2014 , 142, 347-53	7.8	100
182	Lysophosphatidic acid stimulates the G-protein-coupled receptor EDG-1 as a low affinity agonist. <i>Journal of Biological Chemistry</i> , 1998 , 273, 22105-12	5.4	100
181	A novel method to quantify sphingosine 1-phosphate by immobilized metal affinity chromatography (IMAC). <i>Prostaglandins and Other Lipid Mediators</i> , 2007 , 84, 154-62	3.7	96
180	The prostaglandin E2 receptor EP2 is required for cyclooxygenase 2-mediated mammary hyperplasia. <i>Cancer Research</i> , 2005 , 65, 4496-9	10.1	89
179	Leptomycin B, an inhibitor of the nuclear export receptor CRM1, inhibits COX-2 expression. <i>Journal of Biological Chemistry</i> , 2003 , 278, 2773-6	5.4	87
178	Requirement for sphingosine 1-phosphate receptor-1 in tumor angiogenesis demonstrated by in vivo RNA interference. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1082-9	15.9	87
177	Constitutive expression of the S1P1 receptor in adult tissues. <i>Prostaglandins and Other Lipid Mediators</i> , 2004 , 73, 141-50	3.7	85
176	Sphingosine 1-phosphate and inflammation. <i>International Immunology</i> , 2019 , 31, 617-625	4.9	84
175	Overexpression of cyclooxygenase-2 induces cell cycle arrest. Evidence for a prostaglandin-independent mechanism. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34141-7	5.4	84
174	S1P control of endothelial integrity. <i>Current Topics in Microbiology and Immunology</i> , 2014 , 378, 85-105	3.3	84
173	HER-2/neu status is a determinant of mammary aromatase activity in vivo: evidence for a cyclooxygenase-2-dependent mechanism. <i>Cancer Research</i> , 2006 , 66, 5504-11	10.1	80
172	Regulation of vascular physiology and pathology by the S1P2 receptor subtype. <i>Cardiovascular Research</i> , 2009 , 82, 221-8	9.9	79
171	Feedback control of the arachidonate cascade in rheumatoid synoviocytes by 15-deoxy-Delta(12,14)-prostaglandin J2. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 283, 750-5	3.4	79
170	EP2 and EP4 receptors regulate aromatase expression in human adipocytes and breast cancer cells. Evidence of a BRCA1 and p300 exchange. <i>Journal of Biological Chemistry</i> , 2008 , 283, 3433-3444	5.4	78
169	Tumorigenic transformation of immortalized ECV endothelial cells by cyclooxygenase-1 overexpression. <i>Journal of Biological Chemistry</i> , 1997 , 272, 21455-60	5.4	76
168	Mapping pathways downstream of sphingosine 1-phosphate subtype 1 by differential chemical perturbation and proteomics. <i>Journal of Biological Chemistry</i> , 2007 , 282, 7254-64	5.4	72
167	Dissociation of basal turnover and cytokine-induced transcript stabilization of the human cyclooxygenase-2 mRNA by mutagenesis of the 3' untranslated region. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 242, 508-12	3.4	71

166	Impaired endothelial barrier function in apolipoprotein M-deficient mice is dependent on sphingosine-1-phosphate receptor 1. <i>FASEB Journal</i> , 2016 , 30, 2351-9	0.9	70
165	The mouse gene for the inducible G-protein-coupled receptor edg-1. <i>Genomics</i> , 1997 , 43, 15-24	4.3	69
164	Normal acute and chronic inflammatory responses in sphingosine kinase 1 knockout mice. <i>FEBS Letters</i> , 2006 , 580, 4607-12	3.8	69
163	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. <i>Journal of Clinical Investigation</i> , 1993 , 91, 553-65	15.9	68
162	Nogo-B regulates endothelial sphingolipid homeostasis to control vascular function and blood pressure. <i>Nature Medicine</i> , 2015 , 21, 1028-1037	50.5	64
161	An engineered S1P chaperone attenuates hypertension and ischemic injury. <i>Science Signaling</i> , 2017 , 10,	8.8	63
160	Erythrocyte-derived sphingosine 1-phosphate is essential for vascular development. <i>Journal of Clinical Investigation</i> , 2014 , 124, 4823-8	15.9	63
159	COX-2 suppresses tissue factor expression via endocannabinoid-directed PPARdelta activation. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2053-61	16.6	62
158	Induction of cyclooxygenase-2 in monocyte/macrophage by mucins secreted from colon cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2736-41	11.5	62
157	C16:0-ceramide signals insulin resistance. <i>Cell Metabolism</i> , 2014 , 20, 703-705	24.6	61
156	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. <i>Journal of Biological Chemistry</i> , 2000 , 275, 39507-15	5.4	59
155	Vascular and Immunobiology of the Circulatory Sphingosine 1-Phosphate Gradient. <i>Annual Review of Physiology</i> , 2017 , 79, 67-91	23.1	57
154	Lysophospholipid receptors in vertebrate development, physiology, and pathology. <i>Journal of Lipid Research</i> , 2009 , 50 Suppl, S293-8	6.3	57
153	TRAF2 regulates TNF and NF- κ B signalling to suppress apoptosis and skin inflammation independently of Sphingosine kinase 1. <i>ELife</i> , 2015 , 4,	8.9	57
152	Sphingosine 1-phosphate receptor signaling regulates proper embryonic vascular patterning. <i>Journal of Biological Chemistry</i> , 2013 , 288, 2143-56	5.4	56
151	Regulation of limb development by the sphingosine 1-phosphate receptor S1p1/EDG-1 occurs via the hypoxia/VEGF axis. <i>Developmental Biology</i> , 2004 , 268, 441-7	3.1	56
150	Induction of antiproliferative connective tissue growth factor expression in WilmsStumor cells by sphingosine-1-phosphate receptor 2. <i>Molecular Cancer Research</i> , 2008 , 6, 1649-56	6.6	55
149	Intimal smooth muscle cells as a target for peroxisome proliferator-activated receptor-gamma ligand therapy. <i>Circulation Research</i> , 2002 , 91, 210-7	15.7	55

148	Phospholipase C beta3 deficiency leads to macrophage hypersensitivity to apoptotic induction and reduction of atherosclerosis in mice. <i>Journal of Clinical Investigation</i> , 2008 , 118, 195-204	15.9	55
147	S1PR1 (Sphingosine-1-Phosphate Receptor 1) Signaling Regulates Blood Flow and Pressure. <i>Hypertension</i> , 2017 , 70, 426-434	8.5	53
146	Antagonistic function of the RNA-binding protein HuR and miR-200b in post-transcriptional regulation of vascular endothelial growth factor-A expression and angiogenesis. <i>Journal of Biological Chemistry</i> , 2013 , 288, 4908-21	5.4	52
145	Gene regulation by RNA binding proteins and microRNAs in angiogenesis. <i>Trends in Molecular Medicine</i> , 2011 , 17, 650-8	11.5	51
144	S1P/S1P1 signaling stimulates cell migration and invasion in Wilms tumor. <i>Cancer Letters</i> , 2009 , 276, 171-9	9.9	51
143	Sphingosine kinases are not required for inflammatory responses in macrophages. <i>Journal of Biological Chemistry</i> , 2013 , 288, 32563-32573	5.4	50
142	Bisphenol A diglycidyl ether (BADGE) is a PPARgamma agonist in an ECV304 cell line. <i>British Journal of Pharmacology</i> , 2000 , 131, 651-4	8.6	50
141	Isolation of the cDNA for human prostaglandin H synthase. <i>Prostaglandins</i> , 1986 , 32, 829-45		50
140	Prostaglandin E2 and vasoactive intestinal peptide increase vascular endothelial cell growth factor mRNAs in lung cancer cells. <i>Lung Cancer</i> , 2001 , 31, 203-12	5.9	49
139	Bioactive lysolipids in cancer and angiogenesis. <i>Pharmacology & Therapeutics</i> , 2019 , 193, 91-98	13.9	47
138	The BCL6 RD2 domain governs commitment of activated B cells to form germinal centers. <i>Cell Reports</i> , 2014 , 8, 1497-508	10.6	46
137	Sphingosine-1-phosphate signaling in endothelial activation. <i>Journal of Atherosclerosis and Thrombosis</i> , 2003 , 10, 125-31	4	45
136	Sphingosine 1-Phosphate Receptor 1 Signaling Maintains Endothelial Cell Barrier Function and Protects Against Immune Complex-Induced Vascular Injury. <i>Arthritis and Rheumatology</i> , 2018 , 70, 1879-1889	9.5	45
135	Intestinal epithelial HuR modulates distinct pathways of proliferation and apoptosis and attenuates small intestinal and colonic tumor development. <i>Cancer Research</i> , 2014 , 74, 5322-35	10.1	44
134	S1P localizes to the colonic vasculature in ulcerative colitis and maintains blood vessel integrity. <i>Journal of Lipid Research</i> , 2013 , 54, 843-851	6.3	44
133	Sphingosine-1-phosphate signaling via the EDG-1 family of G-protein-coupled receptors. <i>Annals of the New York Academy of Sciences</i> , 2000 , 905, 16-24	6.5	44
132	Sphingosine-1-phosphate signaling regulates lamellipodia localization of cortactin complexes in endothelial cells. <i>Histochemistry and Cell Biology</i> , 2006 , 126, 297-304	2.4	44
131	ELAVL1 modulates transcriptome-wide miRNA binding in murine macrophages. <i>Cell Reports</i> , 2014 , 9, 2330-43	10.6	43

130	Up-regulating sphingosine 1-phosphate receptor-2 signaling impairs chemotactic, wound-healing, and morphogenetic responses in senescent endothelial cells. <i>Journal of Biological Chemistry</i> , 2008 , 283, 30363-75	5.4	43
129	Platelet and Erythrocyte Sources of S1P Are Redundant for Vascular Development and Homeostasis, but Both Rendered Essential After Plasma S1P Depletion in Anaphylactic Shock. <i>Circulation Research</i> , 2016 , 119, e110-26	15.7	42
128	Role of sphingosine 1-phosphate in the pathogenesis of Sjögren's syndrome. <i>Journal of Immunology</i> , 2008 , 180, 1921-8	5.3	41
127	ELAVL1 regulates alternative splicing of eIF4E transporter to promote postnatal angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18309-14	11.5	40
126	TARGETING SPHINGOSINE-1-PHOSPHATE RECEPTORS AS ANTI-TUMOR AND ANTI-ANGIOGENIC THERAPY IN RENAL CELL CARCINOMA. <i>Journal of Urology</i> , 2008 , 179, 40-40	2.5	38
125	Role of guanine nucleotide exchange factor P-Rex-2b in sphingosine 1-phosphate-induced Rac1 activation and cell migration in endothelial cells. <i>Prostaglandins and Other Lipid Mediators</i> , 2005 , 76, 95-104	3.7	37
124	HDL activation of endothelial sphingosine-1-phosphate receptor-1 (S1P) promotes regeneration and suppresses fibrosis in the liver. <i>JCI Insight</i> , 2016 , 1, e87058	9.9	37
123	Molecular characterization of the 5.2 KB isoform of the human cyclooxygenase-1 transcript. <i>Prostaglandins</i> , 1996 , 51, 81-5		34
122	CD4 T cell sphingosine 1-phosphate receptor (S1PR)1 and S1PR4 and endothelial S1PR2 regulate afferent lymphatic migration. <i>Science Immunology</i> , 2019 , 4,	28	33
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