Hsin-Yu Lee

List of Publications by Year in Descending Order

158 papers	7,328 citations	35 h-index	84 g-index
162 ext. papers	8,234 ext. citations	4.6 avg, IF	4.93 L-index

#	Paper	IF	Citations
158	Analytical Technology for Single-Cancer-Cell Analysis **2022**, 851-863		
157	Transcriptional regulation of lysophosphatidic acid receptors 2 and 3 regulates myeloid commitment of hematopoietic stem cells. *American Journal of Physiology - Cell Physiology*, **2021**, 320, C509-C519	5.4	1
156	Lysophosphatidic acid receptors 2 and 3 regulate erythropoiesis at different hematopoietic stages. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2021**, 1866, 158818	5	2
155	Lysophosphatidic Acid and Hematopoiesis: From Microenvironmental Effects to Intracellular Signaling. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	3
154	A Novel Function of the Lysophosphatidic Acid Receptor 3 (LPAR3) Gene in Zebrafish on Modulating Anxiety, Circadian Rhythm Locomotor Activity, and Short-Term Memory. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
153	Analytical Technology for Single-Cancer-Cell Analysis **2020**, 1-13		
152	Lysophosphatidic acid receptor LPA prevents oxidative stress and cellular senescence in Hutchinson-Gilford progeria syndrome. *Aging Cell*, **2020**, 19, e13064	9.9	15
151	Sphingosine-1-phosphate in Endothelial Cell Recellularization Improves Patency and Endothelialization of Decellularized Vascular Grafts In Vivo. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	7
150	Novel Endogenous Ligands of Aryl Hydrocarbon Receptor Mediate Neural Development and Differentiation of Neuroblastoma. *ACS Chemical Neuroscience*, **2019**, 10, 4031-4042	5.7	18
149	A nanodroplet cell processing platform facilitating drug synergy evaluations for anti-cancer treatments. *Scientific Reports*, **2019**, 9, 10120	4.9	4
148	Pectoral Fin Anomalies in Knockdown Zebrafish Embryos Related to the Cascade Effect of N-Cadherin and Extracellular Matrix Formation. *Journal of Developmental Biology*, **2019**, 7,	3.5	3
147	The Antithrombotic Function of Sphingosine-1-Phosphate on Human Adipose-Stem-Cell-Recellularized Tissue Engineered Vascular Graft In Vitro. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	1
146	Histological Analysis of Lysophosphatidic Acid Receptor 3 Deficient Zebrafish. *FASEB Journal*, **2019**, 33, 705.5	0.9	1
145	Lysophosphatidic Acid Regulates Erythropoiesis at Different Hematopoietic Hierarchy. *FASEB Journal*, **2019**, 33, 705.4	0.9	
144	Activation of Aryl Hydrocarbon Receptor by Kynurenine Impairs Progression and Metastasis of Neuroblastoma. *Cancer Research*, **2019**, 79, 5550-5562	10.1	18
143	Calreticulin regulates vascular endothelial growth factor-A mRNA stability in gastric cancer cells. *PLoS ONE*, **2019**, 14, e0225107	3.7	5
142	Evidence of wired drug-cell communication through micro-barrier well-array devices. *AIP Advances*, **2019**, 9, 095025	1.5	1

141	Calreticulin regulates MYCN expression to control neuronal differentiation and stemness of neuroblastoma. *Journal of Molecular Medicine*, **2019**, 97, 325-339	5.5	2
140	Intentional endometrial injury increases embryo implantation potentials through enhanced endometrial angiogenesis *Biology of Reproduction*, **2019**, 100, 381-389	3.9	11
139	Activation of Lysophosphatidic Acid Receptor 3 Inhibits Megakaryopoiesis in Human Hematopoietic Stem Cells and Zebrafish. *Stem Cells and Development*, **2018**, 27, 216-224	4.4	9
138	In Vivo Performance of Decellularized Vascular Grafts: A Review Article. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	55
137	LPA signaling mediates tumor lymphangiogenesis through promoting CRT expression in prostate cancer. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2018**, 1863, 1305-1315	5	13
136	Facilitating tumor spheroid-based bioassays and in vitro blood vessel modeling via bioinspired self-formation microstructure devices. *Lab on A Chip*, **2018**, 18, 2453-2465	7.2	5
135	Whole-genome de novo sequencing reveals unique genes that contributed to the adaptive evolution of the Mikado pheasant. *GigaScience*, **2018**, 7,	7.6	6
134	Mechanisms of Lysophosphatidic Acid-Mediated Lymphangiogenesis in Prostate Cancer. *Cancers*, **2018**, 10,	6.6	10
133	High Glucose Induces VEGF-C Expression via the LPA1/3-Akt-ROS-LEDGF Signaling Axis in Human Prostate Cancer PC-3 Cells. *Cellular Physiology and Biochemistry*, **2018**, 50, 597-611	3.9	15
132	Sphingosine-1-phosphate improves endothelialization with reduction of thrombosis in recellularized human umbilical vein graft by inhibiting syndecan-1 shedding in vitro. *Acta Biomaterialia*, **2017**, 51, 341-350	10.8	22
131	ParaStamp and Its Applications to Cell Patterning, Drug Synergy Screening, and Rewritable Devices for Droplet Storage. *Advanced Biology*, **2017**, 1, 1700048	3.5	9
130	ErbB2 regulates autophagic flux to modulate the proteostasis of APP-CTFs in Alzheimer's disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E3129-E3138	11.5	40
129	VEGF expression correlates with neuronal differentiation and predicts a favorable prognosis in patients with neuroblastoma. *Scientific Reports*, **2017**, 7, 11212	4.9	5
128	Arf6 in lymphatic endothelial cells regulates lymphangiogenesis by controlling directional cell migration. *Scientific Reports*, **2017**, 7, 11431	4.9	10
127	Three-dimensional spheroid culture targeting versatile tissue bioassays using a PDMS-based hanging drop array. *Scientific Reports*, **2017**, 7, 4363	4.9	63
126	Pharmacological activation of lysophosphatidic acid receptors regulates erythropoiesis. *Scientific Reports*, **2016**, 6, 27050	4.9	17
125	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
124	Diagnostic FDG and FDOPA positron emission tomography scans distinguish the genomic type and treatment outcome of neuroblastoma. *Oncotarget*, **2016**, 7, 18774-86	3.3	21

123	Quinone-mediated induction of cytochrome P450 1A1 in HepG2 cells through increased interaction of aryl hydrocarbon receptor with aryl hydrocarbon receptor nuclear translocator. *Journal of Toxicological Sciences*, **2016**, 41, 775-781	1.9	9
122	Grb7 Protein Stability Modulated by Pin1 in Association with Cell Cycle Progression. *PLoS ONE*, **2016**, 11, e0163617	3.7	4
121	Observation of wired cell communication over 10-μm and 20-μm poly(dimethylsiloxane) barriers in tetracycline inducible expression systems. *Journal of Applied Physics*, **2016**, 119, 024702	2.5	4
120	Opposing regulation of megakaryopoiesis by LPA receptors 2 and 3 in K562 human erythroleukemia cells. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2015**, 1851, 172-83	5	8
119	Functional roles of calreticulin in cancer biology. *BioMed Research International*, **2015**, 2015, 526524	3	72
118	Calreticulin Regulates VEGF-A in Neuroblastoma Cells. *Molecular Neurobiology*, **2015**, 52, 758-70	6.2	12
117	Connective tissue growth factor inhibits gastric cancer peritoneal metastasis by blocking integrin β1-dependent adhesion. *Gastric Cancer*, **2015**, 18, 504-15	7.6	19
116	Comparison of Immunomodulatory and Anticancer Activities in Different Strains of Tremella fuciformis Berk. *The American Journal of Chinese Medicine*, **2015**, 43, 1637-55	6	27
115	MDA5 complements TLR3 in suppression of neuroblastoma. *Oncotarget*, **2015**, 6, 24935-46	3.3	11
114	Extrinsic sphingosine 1-phosphate activates S1P5 and induces autophagy through generating endoplasmic reticulum stress in human prostate cancer PC-3 cells. *Cellular Signalling*, **2014**, 26, 611-8	4.9	30
113	A spatiotemporally defined in vitro microenvironment for controllable signal delivery and drug screening. *Analyst, The*, **2014**, 139, 4846-54	5	17
112	Modeling of cancer metastasis and drug resistance via biomimetic nano-cilia and microfluidics. *Biomaterials*, **2014**, 35, 1562-71	15.6	53
111	Aryl hydrocarbon receptor downregulates MYCN expression and promotes cell differentiation of neuroblastoma. *PLoS ONE*, **2014**, 9, e88795	3.7	22
110	Calreticulin activates β1 integrin via fucosylation by fucosyltransferase 1 in J82 human bladder cancer cells. *Biochemical Journal*, **2014**, 460, 69-78	3.8	18
109	Experimental demonstration of bindingless signal delivery in human cells via microfluidics. *Journal of Applied Physics*, **2014**, 116, 044702	2.5	4
108	Non-invasive ultrasound in the study of recombinant CTGF-CT therapy in mice gastric cancer model (LB497). *FASEB Journal*, **2014**, 28, LB497	0.9	
107	Identification of a rod domain-truncated isoform of nestin, Nes-SΔ1, in rat dorsal root ganglia. *Neuroscience Letters*, **2013**, 553, 181-5	3.3	3
106	Aromatic hydrocarbon receptor inhibits lysophosphatidic acid-induced vascular endothelial growth factor-A expression in PC-3 prostate cancer cells. *Biochemical and Biophysical Research Communications*, **2013**, 437, 440-5	3.4	10

105	Establishment of a bioluminescence-based bioassay for the detection of dioxin-like compounds. *Toxicology Mechanisms and Methods*, **2013**, 23, 247-54	3.6	4
104	Characterization of neuroblastic tumors using 18F-FDOPA PET. *Journal of Nuclear Medicine*, **2013**, 54, 42-9	8.9	43
103	Lysophosphatidic acid induces reactive oxygen species generation by activating protein kinase C in PC-3 human prostate cancer cells. *Biochemical and Biophysical Research Communications*, **2013**, 440, 564-9	3.4	24
102	MT1-MMP regulates MMP-2 expression and angiogenesis-related functions in human umbilical vein endothelial cells. *Biochemical and Biophysical Research Communications*, **2013**, 437, 232-8	3.4	12
101	Toll-like receptor 3 expression inhibits cell invasion and migration and predicts a favorable prognosis in neuroblastoma. *Cancer Letters*, **2013**, 336, 338-46	9.9	23
100	Sphingosine-1-phosphate induces VEGF-C expression through a MMP-2/FGF-1/FGFR-1-dependent pathway in endothelial cells in vitro. *Acta Pharmacologica Sinica*, **2013**, 34, 360-6	8	15
99	β1,4-Galactosyltransferase III enhances invasive phenotypes via β1-integrin and predicts poor prognosis in neuroblastoma. *Clinical Cancer Research*, **2013**, 19, 1705-16	12.9	34
98	Establishment of a cell-free bioassay for detecting dioxin-like compounds. *Toxicology Mechanisms and Methods*, **2013**, 23, 464-70	3.6	4
97	The role of Lysophosphatidic acid in erythropoiesis in K562 human erythroleukemia cell line. *FASEB Journal*, **2013**, 27, 1146.2	0.9	
96	Establishment of a cell-free bioassay for detecting dioxin-like compounds. *FASEB Journal*, **2013**, 27, 729.1	0.9	
95	Study of the roles of LPA3 on erythropoiesis and thrombocytopoiesis processes in zebrafish. *FASEB Journal*, **2013**, 27, lb714	0.9	
94	The roles of LPA2 on erythrocyte and thrombocyte differentiation in zebrafish. *FASEB Journal*, **2013**, 27, lb715	0.9	
93	Lysophosphatidic acid inhibits megakaryocyte differentiation in CD34+ hematopoietic stem cells. *FASEB Journal*, **2013**, 27, 1146.1	0.9	
92	Aryl Hydrocarbon Receptor Inhibits Lysophosphatidic Acid-Induced Vascular Endothelial Growth Factors Expression in Prostate Cancer Cells. *FASEB Journal*, **2013**, 27, lb716	0.9	
91	Lysophosphatidic acid induces reactive oxygen species generation through PLC/PKC/Nox Pathway in PC-3 prostate cancer cells. *FASEB Journal*, **2013**, 27, 1144.5	0.9	
90	The paracrine effect of exogenous growth hormone alleviates dysmorphogenesis caused by tbx5 deficiency in zebrafish (Danio rerio) embryos. *Journal of Biomedical Science*, **2012**, 19, 63	13.3	4
89	Calreticulin mediates nerve growth factor-induced neuronal differentiation. *Journal of Molecular Neuroscience*, **2012**, 47, 571-81	3.3	13
88	Autophagy: a double-edged sword in Alzheimer's disease. *Journal of Biosciences*, **2012**, 37, 157-65	2.3	69

87	Corrigendum to Silencing of miR-124 induces neuroblastoma SK-N-SH cell differentiation, cell cycle arrest and apoptosis through promoting AHR[FEBS Lett. 585 (2011) 3582-3586]. *FEBS Letters*, **2012**, 586, 107-107	3.8	
86	In Vitro Photothermal Destruction of Cancer Cells Using Gold Nanorods and Pulsed-Train Near-Infrared Laser. *Journal of Nanomaterials*, **2012**, 2012, 1-6	3.2	9
85	Configurable 2D and 3D spheroid tissue cultures on bioengineered surfaces with acquisition of epithelial-mesenchymal transition characteristics. *NPG Asia Materials*, **2012**, 4, e27-e27	10.3	32
84	Lysophosphatidic acid enhances vascular endothelial growth factor-C expression in human prostate cancer PC-3 cells. *PLoS ONE*, **2012**, 7, e41096	3.7	13
83	Sphingosine 1-phosphate Potentiated Endothelial Cell Attachment on De-cellularized Human Umbilical Vein as a Scaffold for Vascular Tissue Engineering. *FASEB Journal*, **2012**, 26, 905.25	0.9	
82	The Study of Androgen Effects on LPA-induced ROS in Different Human Prostate Cancer Cell Lines. *FASEB Journal*, **2012**, 26, 657.11	0.9	
81	Calreticulin up-regulates VEGF-A and VEGF-C in SK-N-DZ and SH-SY5Y neuroblastoma cell lines. *FASEB Journal*, **2012**, 26, 657.5	0.9	
80	The Investigation of LPA4 Functions in Zebrafish. *FASEB Journal*, **2012**, 26, 683.6	0.9	
79	Lysophosphatidic acid induces reactive oxygen species generation through protein kinase C in PC-3 prostate cancer cells. *FASEB Journal*, **2012**, 26, 657.13	0.9	
78	Roles of sphingosine 1-phosphate on tumorigenesis. *World Journal of Biological Chemistry*, **2011**, 2, 25-34	3.8	32
77	Dielectrophoresis-based cellular microarray chip for anticancer drug screening in perfusion microenvironments. *Lab on A Chip*, **2011**, 11, 2333-42	7.2	44
76	Changes in tumor growth and metastatic capacities of J82 human bladder cancer cells suppressed by down-regulation of calreticulin expression. *American Journal of Pathology*, **2011**, 179, 1425-33	5.8	32
75	B4GALNT3 expression predicts a favorable prognosis and suppresses cell migration and invasion via β1integrin signaling in neuroblastoma. *American Journal of Pathology*, **2011**, 179, 1394-404	5.8	26
74	Role of glucose-regulated Protein 78 in embryonic development and neurological disorders. *Journal of the Formosan Medical Association*, **2011**, 110, 428-37	3.2	16
73	Insulin-like growth factor II mRNA-binding protein 3 expression predicts unfavorable prognosis in patients with neuroblastoma. *Cancer Science*, **2011**, 102, 2191-8	6.9	21
72	Silencing of miR-124 induces neuroblastoma SK-N-SH cell differentiation, cell cycle arrest and apoptosis through promoting AHR. *FEBS Letters*, **2011**, 585, 3582-6	3.8	59
71	Induction of apoptosis and inhibition of cell growth by tbx5 knockdown contribute to dysmorphogenesis in Zebrafish embryos. *Journal of Biomedical Science*, **2011**, 18, 73	13.3	20
70	Lysophosphatidic acid induces erythropoiesis through activating lysophosphatidic acid receptor 3. *Stem Cells*, **2011**, 29, 1763-73	5.8	37

69	Detection of circulating endothelial cells via a microfluidic disk. *Clinical Chemistry*, **2011**, 57, 586-92	5.5	18
68	Nuclear GRP75 binds retinoic acid receptors to promote neuronal differentiation of neuroblastoma. *PLoS ONE*, **2011**, 6, e26236	3.7	20
67	LPA Induces Erythropoiesis Process Through Activating LPA Receptor 3. *FASEB Journal*, **2011**, 25, 1043.4	0.9	
66	S1P Induces Lymphangiogenesis Through a MMP-2/FGFR-1-dependent Pathway in Human Umbilical Vein Endothelial Cells. *FASEB Journal*, **2011**, 25, 1091.3	0.9	
65	Interleukin-1β expression is required for lysophosphatidic Acid-induced lymphangiogenesis in human umbilical vein endothelial cells. *International Journal of Inflammation*, **2010**, 2011, 351010	6.4	10
64	Lysophosphatidic acid up-regulates expression of growth-regulated oncogene-alpha, interleukin-8, and monocyte chemoattractant protein-1 in human first-trimester trophoblasts: possible roles in angiogenesis and immune regulation. *Endocrinology*, **2010**, 151, 369-79	4.8	27
63	Notch1 expression predicts an unfavorable prognosis and serves as a therapeutic target of patients with neuroblastoma. *Clinical Cancer Research*, **2010**, 16, 4411-20	12.9	35
62	Signal mechanisms of vascular endothelial growth factor and interleukin-8 in ovarian hyperstimulation syndrome: dopamine targets their common pathways. *Human Reproduction*, **2010**, 25, 757-67	5.7	50
61	The evolutionarily conserved interaction between LC3 and p62 selectively mediates autophagy-dependent degradation of mutant huntingtin. *Cellular and Molecular Neurobiology*, **2010**, 30, 795-806	4.6	35
60	Lysophosphatidic acid enhances VEGF-C expression in PC-3 human prostate cancer cells. *FASEB Journal*, **2010**, 24, 954.8	0.9	
59	Sphingosine 1-phosphate-induced autophagy is mediated through activating endoplasmic reticulum stress response in human prostate cancer PC-3 cells. *FASEB Journal*, **2010**, 24, 954.9	0.9	
58	Characterization of LPA4 and LPA5 In zebrafish. *FASEB Journal*, **2010**, 24, 988.9	0.9	
57	Nestin serves as a prosurvival determinant that is linked to the cytoprotective effect of epidermal growth factor in rat vascular smooth muscle cells. *Journal of Biochemistry*, **2009**, 146, 307-15	3.1	26
56	S1P(5) is required for sphingosine 1-phosphate-induced autophagy in human prostate cancer PC-3 cells. *American Journal of Physiology - Cell Physiology*, **2009**, 297, C451-8	5.4	61
55	Tyrosine sulphation of sphingosine 1-phosphate 1 (S1P1) is required for S1P-mediated cell migration in primary cultures of human umbilical vein endothelial cells. *Journal of Biochemistry*, **2009**, 146, 815-20	3.1	10
54	Thrombin induces nestin expression via the transactivation of EGFR signalings in rat vascular smooth muscle cells. *Cellular Signalling*, **2009**, 21, 954-68	4.9	32
53	Association between color doppler vascularity index, angiogenesis-related molecules, and clinical outcomes in gastric cancer. *Journal of Surgical Oncology*, **2009**, 99, 402-8	2.8	15
52	Metal interference on luciferase activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in bioassays of recombinant mouse hepatoma cells. *Journal of Hazardous Materials*, **2009**, 165, 881-5	12.8	2

51	Identification of calreticulin as a prognosis marker and angiogenic regulator in human gastric cancer. *Annals of Surgical Oncology*, **2009**, 16, 524-33	3.1	90
50	Calreticulin-Knockdown Suppresses Cell Proliferation, Migration and Adhesion in Human Bladder Cancer Cells. *FASEB Journal*, **2009**, 23, 740.17	0.9	
49	Interleukin 1 (IL-1) expression is required for lysophosphatidic acid (LPA)-induced lymphangiogenesis in endothelial cells. *FASEB Journal*, **2009**, 23, 965.9	0.9	
48	Aromatic Hydrocarbon Receptor Down-regulates MYCN Expression and Promotes Neural Differentiation of Neuroblastoma. *FASEB Journal*, **2009**, 23, 740.15	0.9	
47	Knockdown of MT1-MMP expression in Human Umbilical Vein Endothelial Cell Inhibits MMP-2 and TIMP-2 expression. *FASEB Journal*, **2009**, 23, 965.8	0.9	
46	Sphingosine 1-phosphate (S1P)-induced autophagy plays a protective role in human prostate PC-3 cells. *FASEB Journal*, **2009**, 23, 618.11	0.9	
45	Sphingosine 1-phosphate induces platelet/endothelial cell adhesion molecule-1 phosphorylation in human endothelial cells through cSrc and Fyn. *Cellular Signalling*, **2008**, 20, 1521-7	4.9	12
44	Lysophosphatidic acid upregulates vascular endothelial growth factor-C and tube formation in human endothelial cells through LPA(1/3), COX-2, and NF-kappaB activation- and EGFR transactivation-dependent mechanisms. *Cellular Signalling*, **2008**, 20, 1804-14	4.9	54
43	Lysophosphatidic acid-induced oxidized low-density lipoprotein uptake is class A scavenger receptor-dependent in macrophages. *Prostaglandins and Other Lipid Mediators*, **2008**, 87, 20-5	3.7	31
42	Lysophosphatidic acid stimulates thrombomodulin lectin-like domain shedding in human endothelial cells. *Biochemical and Biophysical Research Communications*, **2008**, 367, 162-8	3.4	29
41	Epidermal growth factor up-regulates the expression of nestin through the Ras-Raf-ERK signaling axis in rat vascular smooth muscle cells. *Biochemical and Biophysical Research Communications*, **2008** , 377, 361-366	3.4	14
40	LPA1 is essential for lymphatic vessel development in zebrafish. *FASEB Journal*, **2008**, 22, 3706-15	0.9	33
39	Identification of GRP75 as an independent favorable prognostic marker of neuroblastoma by a proteomics analysis. *Clinical Cancer Research*, **2008**, 14, 6237-45	12.9	26
38	Lysophosphatidic acid up-regulates expression of interleukin-8 and -6 in granulosa-lutein cells through its receptors and nuclear factor-kappaB dependent pathways: implications for angiogenesis of corpus luteum and ovarian hyperstimulation syndrome. *Journal of Clinical*	5.6	58
37	Lysophosphatidic acid mediates interleukin-8 expression in human endometrial stromal cells through its receptor and nuclear factor-kappaB-dependent pathway: a possible role in angiogenesis of endometrium and placenta. *Endocrinology*, **2008**, 149, 5888-96	4.8	35
36	A planar interdigitated ring electrode array via dielectrophoresis for uniform patterning of cells. *Biosensors and Bioelectronics*, **2008**, 24, 875-81	11.8	54
35	Lysophosphatidic acid-induced interleukin-1 beta expression is mediated through Gi/Rho and the generation of reactive oxygen species in macrophages. *Journal of Biomedical Science*, **2008**, 15, 357-63	13.3	27
34	Establishment of a fluorescence resonance energy transfer-based bioassay for detecting dioxin-like compounds. *Journal of Biomedical Science*, **2008**, 15, 833-40	13.3	7

33	Validation of the CALUX bioassay as a screening and semi-quantitative method for PCDD/F levels in cow's milk. *Journal of Hazardous Materials*, **2008**, 154, 1166-72	12.8	15
32	Establish a novel FRET-based bioassay for detection of dioxin-like compounds. *FASEB Journal*, **2008**, 22, 921.2	0.9	
31	Lysophosphatidic acid induced oxidized low-density lipoprotein uptake is mediated through activation of Gi and expression of scavenger receptor class-A in mouse macrophages. *FASEB Journal* , **2008**, 22, 924.10	0.9	
30	Sphingosine 1-phosphate (S1P) induces autophagy of PC-3 human prostate cancer cell-line. *FASEB Journal*, **2008**, 22, 1238.21	0.9	
29	Lysophosphatidic acid upregulates vascular endothelial growth factor-C expression in human endothelial cells and enhances lymphangiogenesis. *FASEB Journal*, **2008**, 22, 964.19	0.9	
28	Sphingosine 1-phosphate induces platelet/endothelial cell adhesion molecule-1 phosphorylation in human endothelial cells through cSrc and Fyn. *FASEB Journal*, **2008**, 22, 964.36	0.9	
27	Lysophosphatidic acid inhibits serum deprivation-induced autophagy in human prostate cancer PC-3 cells. *Autophagy*, **2007**, 3, 268-70	10.2	21
26	Unnatural amino acid-substituted (hydroxyethyl)urea peptidomimetics inhibit gamma-secretase and promote the neuronal differentiation of neuroblastoma cells. *Molecular Pharmacology*, **2007**, 71, 588-601	4.3	21
25	Sphingosine 1-phosphate regulates inflammation-related genes in human endothelial cells through S1P1 and S1P3. *Biochemical and Biophysical Research Communications*, **2007**, 355, 895-901	3.4	48
24	Lysophosphatidic acid regulates inflammation-related genes in human endothelial cells through LPA1 and LPA3. *Biochemical and Biophysical Research Communications*, **2007**, 363, 1001-8	3.4	54
23	Placenta growth factor not vascular endothelial growth factor A or C can predict the early recurrence after radical resection of hepatocellular carcinoma. *Cancer Letters*, **2007**, 250, 237-49	9.9	60
22	Lysophosphatidic Acid (LPA) Enhances Matrix Metalloproteinase-2 (MMP-2) Expression in PC-3 Human Prostate Cancer Cell Line. *FASEB Journal*, **2007**, 21, A1429	0.9	
21	Lysophospholipids Enhance Membrane Type-1 Matrix Metalloproteinase Expression Activity in Human Endothelial Cells. *FASEB Journal*, **2007**, 21, A858	0.9	
20	Expression and Function of the Lysophospholipids Receptors, S1P1 and LPA1, in Human Endothelial Cells and the Regulation of Inflammation-Related Genes. *FASEB Journal*, **2007**, 21, A858	0.9	
19	Calreticulin regulates cell proliferation and migration in gastric cancer cell line AGS. *FASEB Journal*, **2007**, 21, A1318	0.9	1
18	Lysophospholipids increase IL-8 and MCP-1 expressions in human umbilical cord vein endothelial cells through an IL-1-dependent mechanism. *Journal of Cellular Biochemistry*, **2006**, 99, 1216-32	4.7	79
17	LTA and LPS mediated activation of protein kinases in the regulation of inflammatory cytokines expression in macrophages. *Clinica Chimica Acta*, **2006**, 374, 106-15	6.2	56
16	Lysophospholipids elevate [Ca2+]i and trigger exocytosis in bovine chromaffin cells. *Neuropharmacology*, **2006**, 51, 18-26	5.5	12

15	The influence of biologic factors on the surgical decision in advanced neuroblastoma. *Annals of Surgical Oncology*, **2006**, 13, 238-44	3.1	13
14	A gene expression profile for vascular invasion can predict the recurrence after resection of hepatocellular carcinoma: a microarray approach. *Annals of Surgical Oncology*, **2006**, 13, 1474-84	3.1	54
13	GRP78 expression correlates with histologic differentiation and favorable prognosis in neuroblastic tumors. *International Journal of Cancer*, **2005**, 113, 920-7	7.5	42
12	Lysophospholipids enhance matrix metalloproteinase-2 expression in human endothelial cells. *Endocrinology*, **2005**, 146, 3387-400	4.8	69
11	Lysophospholipids increase ICAM-1 expression in HUVEC through a Gi- and NF-kappaB-dependent mechanism. *American Journal of Physiology - Cell Physiology*, **2004**, 287, C1657-66	5.4	69
10	Induction of protein growth factor systems in the ovaries of transgenic mice overexpressing human type 2 lysophosphatidic acid G protein-coupled receptor (LPA2). *Oncogene*, **2004**, 23, 122-9	9.2	55
9	Diurnal rhythm and effect of temperature on oxygen consumption in earthworms, Amynthas gracilis and Pontoscolex corethrurus. *The Journal of Experimental Zoology*, **2004**, 301, 737-44		12
8	Thyroid papillary carcinoma in subhyoid ectopic thyroid tissue. *New Zealand Medical Journal*, **2004**, 117, U1205	0.8	2
7	Lysophospholipid regulation of mononuclear phagocytes. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2002**, 1582, 175-7	5	44
6	Allergic diathesis in transgenic mice with constitutive T cell expression of inducible vasoactive intestinal peptide receptor. *FASEB Journal*, **2001**, 15, 2489-96	0.9	75
5	Lysophosphatidic acid and sphingosine 1-phosphate stimulate endothelial cell wound healing. *American Journal of Physiology - Cell Physiology*, **2000**, 278, C612-8	5.4	205
4	Gelsolin binding and cellular presentation of lysophosphatidic acid. *Journal of Biological Chemistry*, **2000**, 275, 14573-8	5.4	98
3	Signaling mechanisms and molecular characteristics of G protein-coupled receptors for lysophosphatidic acid and sphingosine 1-phosphate. *Journal of Cellular Biochemistry*, **1998**, 72 Suppl 30-31, 147-157	4.7	104
2	Signaling mechanisms and molecular characteristics of G protein-coupled receptors for lysophosphatidic acid and sphingosine 1-phosphate **1998**, 72, 147		1
1	cAMP-dependent protein kinase inhibits the mitogenic action of vascular endothelial growth factor and fibroblast growth factor in capillary endothelial cells by blocking Raf activation. *Journal of Cellular Biochemistry*, **1997**, 67, 353-366	4.7	166