

Hsin-Yu Lee

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
157	Lysophosphatidic acid and sphingosine 1-phosphate stimulate endothelial cell wound healing. <i>American Journal of Physiology - Cell Physiology</i> , 2000 , 278, C612-8	5.4	205
156	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. <i>Journal of Cellular Biochemistry</i> , 1997 , 67, 353-366	4.7	166
155	Signaling mechanisms and molecular characteristics of G protein-coupled receptors for lysophosphatidic acid and sphingosine 1-phosphate. <i>Journal of Cellular Biochemistry</i> , 1998 , 72 Suppl 30-31, 147-157	4.7	104
154	Gelsolin binding and cellular presentation of lysophosphatidic acid. <i>Journal of Biological Chemistry</i> , 2000 , 275, 14573-8	5.4	98
153	Identification of calreticulin as a prognosis marker and angiogenic regulator in human gastric cancer. <i>Annals of Surgical Oncology</i> , 2009 , 16, 524-33	3.1	90
152	Lysophospholipids increase IL-8 and MCP-1 expressions in human umbilical cord vein endothelial cells through an IL-1-dependent mechanism. <i>Journal of Cellular Biochemistry</i> , 2006 , 99, 1216-32	4.7	79
151	Allergic diathesis in transgenic mice with constitutive T cell expression of inducible vasoactive intestinal peptide receptor. <i>FASEB Journal</i> , 2001 , 15, 2489-96	0.9	75
150	Functional roles of calreticulin in cancer biology. <i>BioMed Research International</i> , 2015 , 2015, 526524	3	72
149	Autophagy: a double-edged sword in Alzheimer's disease. <i>Journal of Biosciences</i> , 2012 , 37, 157-65	2.3	69
148	Lysophospholipids increase ICAM-1 expression in HUVEC through a Gi- and NF-kappaB-dependent mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 2004 , 287, C1657-66	5.4	69
147	Lysophospholipids enhance matrix metalloproteinase-2 expression in human endothelial cells. <i>Endocrinology</i> , 2005 , 146, 3387-400	4.8	69
146	Three-dimensional spheroid culture targeting versatile tissue bioassays using a PDMS-based hanging drop array. <i>Scientific Reports</i> , 2017 , 7, 4363	4.9	63
145	S1P(5) is required for sphingosine 1-phosphate-induced autophagy in human prostate cancer PC-3 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C451-8	5.4	61
144	Placenta growth factor not vascular endothelial growth factor A or C can predict the early recurrence after radical resection of hepatocellular carcinoma. <i>Cancer Letters</i> , 2007 , 250, 237-49	9.9	60
143	Silencing of miR-124 induces neuroblastoma SK-N-SH cell differentiation, cell cycle arrest and apoptosis through promoting AHR. <i>FEBS Letters</i> , 2011 , 585, 3582-6	3.8	59
142	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 98, 935-43	5.6	58

141	LTA and LPS mediated activation of protein kinases in the regulation of inflammatory cytokines expression in macrophages. <i>Clinica Chimica Acta</i> , 2006 , 374, 106-15	6.2	56
140	In Vivo Performance of Decellularized Vascular Grafts: A Review Article. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	55
139	Induction of protein growth factor systems in the ovaries of transgenic mice overexpressing human type 2 lysophosphatidic acid G protein-coupled receptor (LPA2). <i>Oncogene</i> , 2004 , 23, 122-9	9.2	55
138	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. <i>Cellular Signalling</i> , 2008 , 20, 1804-14	4.9	54
137	A planar interdigitated ring electrode array via dielectrophoresis for uniform patterning of cells. <i>Biosensors and Bioelectronics</i> , 2008 , 24, 875-81	11.8	54
136	Lysophosphatidic acid regulates inflammation-related genes in human endothelial cells through LPA1 and LPA3. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 363, 1001-8	3.4	54
135	A gene expression profile for vascular invasion can predict the recurrence after resection of hepatocellular carcinoma: a microarray approach. <i>Annals of Surgical Oncology</i> , 2006 , 13, 1474-84	3.1	54
134	Modeling of cancer metastasis and drug resistance via biomimetic nano-cilia and microfluidics. <i>Biomaterials</i> , 2014 , 35, 1562-71	15.6	53
133	Signal mechanisms of vascular endothelial growth factor and interleukin-8 in ovarian hyperstimulation syndrome: dopamine targets their common pathways. <i>Human Reproduction</i> , 2010 , 25, 757-67	5.7	50
132	Sphingosine 1-phosphate regulates inflammation-related genes in human endothelial cells through S1P1 and S1P3. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 355, 895-901	3.4	48
131	Dielectrophoresis-based cellular microarray chip for anticancer drug screening in perfusion microenvironments. <i>Lab on A Chip</i> , 2011 , 11, 2333-42	7.2	44
130	Lysophospholipid regulation of mononuclear phagocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002 , 1582, 175-7	5	44
129	Characterization of neuroblastic tumors using 18F-FDOPA PET. <i>Journal of Nuclear Medicine</i> , 2013 , 54, 42-9	8.9	43
128	GRP78 expression correlates with histologic differentiation and favorable prognosis in neuroblastic tumors. <i>International Journal of Cancer</i> , 2005 , 113, 920-7	7.5	42
127	ErbB2 regulates autophagic flux to modulate the proteostasis of APP-CTFs in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E3129-E3138	11.5	40
126	Lysophosphatidic acid induces erythropoiesis through activating lysophosphatidic acid receptor 3. <i>Stem Cells</i> , 2011 , 29, 1763-73	5.8	37
125	Notch1 expression predicts an unfavorable prognosis and serves as a therapeutic target of patients with neuroblastoma. <i>Clinical Cancer Research</i> , 2010 , 16, 4411-20	12.9	35
124	The evolutionarily conserved interaction between LC3 and p62 selectively mediates autophagy-dependent degradation of mutant huntingtin. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 795-806	4.6	35

123	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. <i>Endocrinology</i> , 2008 , 149, 5888-96	4.8	35
122	α1,4-Galactosyltransferase III enhances invasive phenotypes via α5β1-integrin and predicts poor prognosis in neuroblastoma. <i>Clinical Cancer Research</i> , 2013 , 19, 1705-16	12.9	34
121	LPA1 is essential for lymphatic vessel development in zebrafish. <i>FASEB Journal</i> , 2008 , 22, 3706-15	0.9	33
120	Roles of sphingosine 1-phosphate on tumorigenesis. <i>World Journal of Biological Chemistry</i> , 2011 , 2, 25-34	3.8	32
119	Changes in tumor growth and metastatic capacities of J82 human bladder cancer cells suppressed by down-regulation of calreticulin expression. <i>American Journal of Pathology</i> , 2011 , 179, 1425-33	5.8	32
118	Thrombin induces nestin expression via the transactivation of EGFR signalings in rat vascular smooth muscle cells. <i>Cellular Signalling</i> , 2009 , 21, 954-68	4.9	32
117	Configurable 2D and 3D spheroid tissue cultures on bioengineered surfaces with acquisition of epithelial-mesenchymal transition characteristics. <i>NPG Asia Materials</i> , 2012 , 4, e27-e27	10.3	32
116	Lysophosphatidic acid-induced oxidized low-density lipoprotein uptake is class A scavenger receptor-dependent in macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , 2008 , 87, 20-5	3.7	31
115	Extrinsic sphingosine 1-phosphate activates S1P5 and induces autophagy through generating endoplasmic reticulum stress in human prostate cancer PC-3 cells. <i>Cellular Signalling</i> , 2014 , 26, 611-8	4.9	30
114	Lysophosphatidic acid stimulates thrombomodulin lectin-like domain shedding in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 367, 162-8	3.4	29
113	Comparison of Immunomodulatory and Anticancer Activities in Different Strains of Tremella fuciformis Berk. <i>The American Journal of Chinese Medicine</i> , 2015 , 43, 1637-55	6	27
112	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. <i>Endocrinology</i> , 2010 , 151, 369-79	4.8	27
111	Lysophosphatidic acid-induced interleukin-1 beta expression is mediated through Gi/Rho and the generation of reactive oxygen species in macrophages. <i>Journal of Biomedical Science</i> , 2008 , 15, 357-63	13.3	27
110	B4GALNT3 expression predicts a favorable prognosis and suppresses cell migration and invasion via α5β1-integrin signaling in neuroblastoma. <i>American Journal of Pathology</i> , 2011 , 179, 1394-404	5.8	26
109	Nestin serves as a prosurvival determinant that is linked to the cytoprotective effect of epidermal growth factor in rat vascular smooth muscle cells. <i>Journal of Biochemistry</i> , 2009 , 146, 307-15	3.1	26
108	Identification of GRP75 as an independent favorable prognostic marker of neuroblastoma by a proteomics analysis. <i>Clinical Cancer Research</i> , 2008 , 14, 6237-45	12.9	26
107	Lysophosphatidic acid induces reactive oxygen species generation by activating protein kinase C in PC-3 human prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 564-9	3.4	24
106	Toll-like receptor 3 expression inhibits cell invasion and migration and predicts a favorable prognosis in neuroblastoma. <i>Cancer Letters</i> , 2013 , 336, 338-46	9.9	23

105	Sphingosine-1-phosphate improves endothelialization with reduction of thrombosis in recellularized human umbilical vein graft by inhibiting syndecan-1 shedding in vitro. <i>Acta Biomaterialia</i> , 2017 , 51, 341-350	10.8	22
104	Aryl hydrocarbon receptor downregulates MYCN expression and promotes cell differentiation of neuroblastoma. <i>PLoS ONE</i> , 2014 , 9, e88795	3.7	22
103	Insulin-like growth factor II mRNA-binding protein 3 expression predicts unfavorable prognosis in patients with neuroblastoma. <i>Cancer Science</i> , 2011 , 102, 2191-8	6.9	21
102	Lysophosphatidic acid inhibits serum deprivation-induced autophagy in human prostate cancer PC-3 cells. <i>Autophagy</i> , 2007 , 3, 268-70	10.2	21
101	Unnatural amino acid-substituted (hydroxyethyl)urea peptidomimetics inhibit gamma-secretase and promote the neuronal differentiation of neuroblastoma cells. <i>Molecular Pharmacology</i> , 2007 , 71, 588-601	4.3	21
100	Diagnostic FDG and FDOPA positron emission tomography scans distinguish the genomic type and treatment outcome of neuroblastoma. <i>Oncotarget</i> , 2016 , 7, 18774-86	3.3	21
99	Induction of apoptosis and inhibition of cell growth by tbx5 knockdown contribute to dysmorphogenesis in Zebrafish embryos. <i>Journal of Biomedical Science</i> , 2011 , 18, 73	13.3	20
98	Nuclear GRP75 binds retinoic acid receptors to promote neuronal differentiation of neuroblastoma. <i>PLoS ONE</i> , 2011 , 6, e26236	3.7	20
97	Connective tissue growth factor inhibits gastric cancer peritoneal metastasis by blocking integrin $\beta 1$ -dependent adhesion. <i>Gastric Cancer</i> , 2015 , 18, 504-15	7.6	19
96	Novel Endogenous Ligands of Aryl Hydrocarbon Receptor Mediate Neural Development and Differentiation of Neuroblastoma. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 4031-4042	5.7	18
95	Calreticulin activates $\beta 1$ integrin via fucosylation by fucosyltransferase 1 in J82 human bladder cancer cells. <i>Biochemical Journal</i> , 2014 , 460, 69-78	3.8	18
94	Detection of circulating endothelial cells via a microfluidic disk. <i>Clinical Chemistry</i> , 2011 , 57, 586-92	5.5	18
93	Activation of Aryl Hydrocarbon Receptor by Kynurenine Impairs Progression and Metastasis of Neuroblastoma. <i>Cancer Research</i> , 2019 , 79, 5550-5562	10.1	18
92	Pharmacological activation of lysophosphatidic acid receptors regulates erythropoiesis. <i>Scientific Reports</i> , 2016 , 6, 27050	4.9	17
91	A spatiotemporally defined in vitro microenvironment for controllable signal delivery and drug screening. <i>Analyst, The</i> , 2014 , 139, 4846-54	5	17
90	Role of glucose-regulated Protein 78 in embryonic development and neurological disorders. <i>Journal of the Formosan Medical Association</i> , 2011 , 110, 428-37	3.2	16
89	Sphingosine-1-phosphate induces VEGF-C expression through a MMP-2/FGF-1/FGFR-1-dependent pathway in endothelial cells in vitro. <i>Acta Pharmacologica Sinica</i> , 2013 , 34, 360-6	8	15
88	Association between color doppler vascularity index, angiogenesis-related molecules, and clinical outcomes in gastric cancer. <i>Journal of Surgical Oncology</i> , 2009 , 99, 402-8	2.8	15

87	Validation of the CALUX bioassay as a screening and semi-quantitative method for PCDD/F levels in cow's milk. <i>Journal of Hazardous Materials</i> , 2008 , 154, 1166-72	12.8	15
86	Lysophosphatidic acid receptor LPA prevents oxidative stress and cellular senescence in Hutchinson-Gilford progeria syndrome. <i>Aging Cell</i> , 2020 , 19, e13064	9.9	15
85	High Glucose Induces VEGF-C Expression via the LPA1/3-Akt-ROS-LEDGF Signaling Axis in Human Prostate Cancer PC-3 Cells. <i>Cellular Physiology and Biochemistry</i> , 2018 , 50, 597-611	3.9	15
84	Epidermal growth factor up-regulates the expression of nestin through the Ras-Raf-ERK signaling axis in rat vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 377, 361-366	3.4	14
83	LPA signaling mediates tumor lymphangiogenesis through promoting CRT expression in prostate cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 1305-1315	5	13
82	Calreticulin mediates nerve growth factor-induced neuronal differentiation. <i>Journal of Molecular Neuroscience</i> , 2012 , 47, 571-81	3.3	13
81	The influence of biologic factors on the surgical decision in advanced neuroblastoma. <i>Annals of Surgical Oncology</i> , 2006 , 13, 238-44	3.1	13
80	Lysophosphatidic acid enhances vascular endothelial growth factor-C expression in human prostate cancer PC-3 cells. <i>PLoS ONE</i> , 2012 , 7, e41096	3.7	13
79	MT1-MMP regulates MMP-2 expression and angiogenesis-related functions in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 437, 232-8	3.4	12
78	Calreticulin Regulates VEGF-A in Neuroblastoma Cells. <i>Molecular Neurobiology</i> , 2015 , 52, 758-70	6.2	12
77	Sphingosine 1-phosphate induces platelet/endothelial cell adhesion molecule-1 phosphorylation in human endothelial cells through cSrc and Fyn. <i>Cellular Signalling</i> , 2008 , 20, 1521-7	4.9	12
76	Lysophospholipids elevate $[Ca^{2+}]_i$ and trigger exocytosis in bovine chromaffin cells. <i>Neuropharmacology</i> , 2006 , 51, 18-26	5.5	12
75	Diurnal rhythm and effect of temperature on oxygen consumption in earthworms, <i>Amyntas gracilis</i> and <i>Pontoscolex corethrurus</i> . <i>The Journal of Experimental Zoology</i> , 2004 , 301, 737-44		12
74	MDA5 complements TLR3 in suppression of neuroblastoma. <i>Oncotarget</i> , 2015 , 6, 24935-46	3.3	11
73	Intentional endometrial injury increases embryo implantation potentials through enhanced endometrial angiogenesis. <i>Biology of Reproduction</i> , 2019 , 100, 381-389	3.9	11
72	Aromatic hydrocarbon receptor inhibits lysophosphatidic acid-induced vascular endothelial growth factor-A expression in PC-3 prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 437, 440-5	3.4	10
71	Arf6 in lymphatic endothelial cells regulates lymphangiogenesis by controlling directional cell migration. <i>Scientific Reports</i> , 2017 , 7, 11431	4.9	10
70	Interleukin-1 β expression is required for lysophosphatidic Acid-induced lymphangiogenesis in human umbilical vein endothelial cells. <i>International Journal of Inflammation</i> , 2010 , 2011, 351010	6.4	10

69	Tyrosine sulphation of sphingosine 1-phosphate 1 (S1P1) is required for S1P-mediated cell migration in primary cultures of human umbilical vein endothelial cells. <i>Journal of Biochemistry</i> , 2009 , 146, 815-20	3.1	10
68	Mechanisms of Lysophosphatidic Acid-Mediated Lymphangiogenesis in Prostate Cancer. <i>Cancers</i> , 2018 , 10,	6.6	10
67	ParaStamp and Its Applications to Cell Patterning, Drug Synergy Screening, and Rewritable Devices for Droplet Storage. <i>Advanced Biology</i> , 2017 , 1, 1700048	3.5	9
66	Activation of Lysophosphatidic Acid Receptor 3 Inhibits Megakaryopoiesis in Human Hematopoietic Stem Cells and Zebrafish. <i>Stem Cells and Development</i> , 2018 , 27, 216-224	4.4	9
65	In Vitro Photothermal Destruction of Cancer Cells Using Gold Nanorods and Pulsed-Train Near-Infrared Laser. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-6	3.2	9
64	Quinone-mediated induction of cytochrome P450 1A1 in HepG2 cells through increased interaction of aryl hydrocarbon receptor with aryl hydrocarbon receptor nuclear translocator. <i>Journal of Toxicological Sciences</i> , 2016 , 41, 775-781	1.9	9
63	Opposing regulation of megakaryopoiesis by LPA receptors 2 and 3 in K562 human erythroleukemia cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 172-83	5	8
62	Sphingosine-1-phosphate in Endothelial Cell Recellularization Improves Patency and Endothelialization of Decellularized Vascular Grafts In Vivo. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	7
61	Establishment of a fluorescence resonance energy transfer-based bioassay for detecting dioxin-like compounds. <i>Journal of Biomedical Science</i> , 2008 , 15, 833-40	13.3	7
60	Whole-genome de novo sequencing reveals unique genes that contributed to the adaptive evolution of the Mikado pheasant. <i>GigaScience</i> , 2018 , 7,	7.6	6
59	VEGF expression correlates with neuronal differentiation and predicts a favorable prognosis in patients with neuroblastoma. <i>Scientific Reports</i> , 2017 , 7, 11212	4.9	5
58	Facilitating tumor spheroid-based bioassays and in vitro blood vessel modeling via bioinspired self-formation microstructure devices. <i>Lab on A Chip</i> , 2018 , 18, 2453-2465	7.2	5
57	Calreticulin regulates vascular endothelial growth factor-A mRNA stability in gastric cancer cells. <i>PLoS ONE</i> , 2019 , 14, e0225107	3.7	5
56	A nanodroplet cell processing platform facilitating drug synergy evaluations for anti-cancer treatments. <i>Scientific Reports</i> , 2019 , 9, 10120	4.9	4
55	Establishment of a bioluminescence-based bioassay for the detection of dioxin-like compounds. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 247-54	3.6	4
54	Experimental demonstration of bindingless signal delivery in human cells via microfluidics. <i>Journal of Applied Physics</i> , 2014 , 116, 044702	2.5	4
53	The paracrine effect of exogenous growth hormone alleviates dysmorphogenesis caused by tbx5 deficiency in zebrafish (<i>Danio rerio</i>) embryos. <i>Journal of Biomedical Science</i> , 2012 , 19, 63	13.3	4
52	Establishment of a cell-free bioassay for detecting dioxin-like compounds. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 464-70	3.6	4

51	Grb7 Protein Stability Modulated by Pin1 in Association with Cell Cycle Progression. <i>PLoS ONE</i> , 2016 , 11, e0163617	3.7	4
50	Observation of \square wired \square cell communication over 10-h and 20-h poly(dimethylsiloxane) barriers in tetracycline inducible expression systems. <i>Journal of Applied Physics</i> , 2016 , 119, 024702	2.5	4
49	Lysophosphatidic Acid and Hematopoiesis: From Microenvironmental Effects to Intracellular Signaling. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
48	Pectoral Fin Anomalies in Knockdown Zebrafish Embryos Related to the Cascade Effect of N-Cadherin and Extracellular Matrix Formation. <i>Journal of Developmental Biology</i> , 2019 , 7,	3.5	3
47	Identification of a rod domain-truncated isoform of nestin, Nes-S \square in rat dorsal root ganglia. <i>Neuroscience Letters</i> , 2013 , 553, 181-5	3.3	3
46	A Novel Function of the Lysophosphatidic Acid Receptor 3 (LPAR3) Gene in Zebrafish on Modulating Anxiety, Circadian Rhythm Locomotor Activity, and Short-Term Memory. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
45	Metal interference on luciferase activity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in bioassays of recombinant mouse hepatoma cells. <i>Journal of Hazardous Materials</i> , 2009 , 165, 881-5	12.8	2
44	Calreticulin regulates MYCN expression to control neuronal differentiation and stemness of neuroblastoma. <i>Journal of Molecular Medicine</i> , 2019 , 97, 325-339	5.5	2
43	Lysophosphatidic acid receptors 2 and 3 regulate erythropoiesis at different hematopoietic stages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158818	5	2
42	Thyroid papillary carcinoma in subhyoid ectopic thyroid tissue. <i>New Zealand Medical Journal</i> , 2004 , 117, U1205	0.8	2
41	The Antithrombotic Function of Sphingosine-1-Phosphate on Human Adipose-Stem-Cell-Recellularized Tissue Engineered Vascular Graft In Vitro. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	1
40	Histological Analysis of Lysophosphatidic Acid Receptor 3 Deficient Zebrafish. <i>FASEB Journal</i> , 2019 , 33, 705.5	0.9	1
39	Calreticulin regulates cell proliferation and migration in gastric cancer cell line AGS. <i>FASEB Journal</i> , 2007 , 21, A1318	0.9	1
38	Transcriptional regulation of lysophosphatidic acid receptors 2 and 3 regulates myeloid commitment of hematopoietic stem cells. <i>American Journal of Physiology - Cell Physiology</i> , 2021 , 320, C509-C519	5.4	1
37	Evidence of \square wired \square drug-cell communication through micro-barrier well-array devices. <i>AIP Advances</i> , 2019 , 9, 095025	1.5	1
36	Signaling mechanisms and molecular characteristics of G protein-coupled receptors for lysophosphatidic acid and sphingosine 1-phosphate 1998 , 72, 147		1
35	Corrigendum to \square ilencing of miR-124 induces neuroblastoma SK-N-SH cell differentiation, cell cycle arrest and apoptosis through promoting AHR \square [<i>FEBS Lett.</i> 585 (2011) 3582 \square 586]. <i>FEBS Letters</i> , 2012 , 586, 107-107	3.8	
34	Lysophosphatidic Acid (LPA) Enhances Matrix Metalloproteinase-2 (MMP-2) Expression in PC-3 Human Prostate Cancer Cell Line. <i>FASEB Journal</i> , 2007 , 21, A1429	0.9	

33	Lysophospholipids Enhance Membrane Type-1 Matrix Metalloproteinase Expression Activity in Human Endothelial Cells. <i>FASEB Journal</i> , 2007 , 21, A858	0.9
32	Expression and Function of the Lysophospholipids Receptors, S1P1 and LPA1, in Human Endothelial Cells and the Regulation of Inflammation-Related Genes. <i>FASEB Journal</i> , 2007 , 21, A858	0.9
31	Establish a novel FRET-based bioassay for detection of dioxin-like compounds. <i>FASEB Journal</i> , 2008 , 22, 921.2	0.9
30	Lysophosphatidic acid induced oxidized low-density lipoprotein uptake is mediated through activation of Gi and expression of scavenger receptor class-A in mouse macrophages. <i>FASEB Journal</i> , 2008 , 22, 924.10	0.9
29	Sphingosine 1-phosphate (S1P) induces autophagy of PC-3 human prostate cancer cell-line. <i>FASEB Journal</i> , 2008 , 22, 1238.21	0.9
28	Lysophosphatidic acid upregulates vascular endothelial growth factor-C expression in human endothelial cells and enhances lymphangiogenesis. <i>FASEB Journal</i> , 2008 , 22, 964.19	0.9
27	Sphingosine 1-phosphate induces platelet/endothelial cell adhesion molecule-1 phosphorylation in human endothelial cells through cSrc and Fyn. <i>FASEB Journal</i> , 2008 , 22, 964.36	0.9
26	Lysophosphatidic Acid Regulates Erythropoiesis at Different Hematopoietic Hierarchy. <i>FASEB Journal</i> , 2019 , 33, 705.4	0.9
25	Analytical Technology for Single-Cancer-Cell Analysis 2022 , 851-863	
24	Analytical Technology for Single-Cancer-Cell Analysis 2020 , 1-13	
23	Calreticulin-Knockdown Suppresses Cell Proliferation, Migration and Adhesion in Human Bladder Cancer Cells. <i>FASEB Journal</i> , 2009 , 23, 740.17	0.9
22	Interleukin 1 β expression is required for lysophosphatidic acid (LPA)-induced lymphangiogenesis in endothelial cells. <i>FASEB Journal</i> , 2009 , 23, 965.9	0.9
21	Aromatic Hydrocarbon Receptor Down-regulates MYCN Expression and Promotes Neural Differentiation of Neuroblastoma. <i>FASEB Journal</i> , 2009 , 23, 740.15	0.9
20	Knockdown of MT1-MMP expression in Human Umbilical Vein Endothelial Cell Inhibits MMP-2 and TIMP-2 expression. <i>FASEB Journal</i> , 2009 , 23, 965.8	0.9
19	Sphingosine 1-phosphate (S1P)-induced autophagy plays a protective role in human prostate PC-3 cells. <i>FASEB Journal</i> , 2009 , 23, 618.11	0.9
18	Lysophosphatidic acid enhances VEGF-C expression in PC-3 human prostate cancer cells. <i>FASEB Journal</i> , 2010 , 24, 954.8	0.9
17	Sphingosine 1-phosphate-induced autophagy is mediated through activating endoplasmic reticulum stress response in human prostate cancer PC-3 cells. <i>FASEB Journal</i> , 2010 , 24, 954.9	0.9
16	Characterization of LPA4 and LPA5 In zebrafish. <i>FASEB Journal</i> , 2010 , 24, 988.9	0.9

- 15 LPA Induces Erythropoiesis Process Through Activating LPA Receptor 3. *FASEB Journal*, **2011**, 25, 1043.4o.9
- 14 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
- 13 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
- 12 The Study of Androgen Effects on LPA-induced ROS in Different Human Prostate Cancer Cell Lines. *FASEB Journal*, **2012**, 26, 657.11 0.9
- 11 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
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