

Hsin-Yu Lee

List of Publications by Year in descending order

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161
papers

8,879
citations

94269

37
h-index

43802

91
g-index

162
all docs

162
docs citations

162
times ranked

18914
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Lysophosphatidic acid and sphingosine 1-phosphate stimulate endothelial cell wound healing. <i>American Journal of Physiology - Cell Physiology</i> , 2000, 278, C612-C618.	2.1	221
3	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.	1.2	185
4	Signaling mechanisms and molecular characteristics of G protein-coupled receptors for lysophosphatidic acid and sphingosine 1-phosphate. , 1998, 72, 147-157.		118
5	Gelsolin Binding and Cellular Presentation of Lysophosphatidic Acid. <i>Journal of Biological Chemistry</i> , 2000, 275, 14573-14578.	1.6	111
6	Identification of Calreticulin as a Prognosis Marker and Angiogenic Regulator in Human Gastric Cancer. <i>Annals of Surgical Oncology</i> , 2009, 16, 524-533.	0.7	111
7	In Vivo Performance of Decellularized Vascular Grafts: A Review Article. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2101.	1.8	97
8	Functional Roles of Calreticulin in Cancer Biology. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	95
9	Three-dimensional spheroid culture targeting versatile tissue bioassays using a PDMS-based hanging drop array. <i>Scientific Reports</i> , 2017, 7, 4363.	1.6	85
10	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, 1216-1232.	1.2	84
11	Autophagy: A double-edged sword in Alzheimer's disease. <i>Journal of Biosciences</i> , 2012, 37, 157-165.	0.5	83
12	Allergic diathesis in transgenic mice with constitutive T cell expression of inducible vasoactive intestinal peptide receptor. <i>FASEB Journal</i> , 2001, 15, 2489-2496.	0.2	80
13	Lysophospholipids increase ICAM-1 expression in HUVEC through a Gi- and NF- κ B-dependent mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C1657-C1666.	2.1	77
14	Lysophospholipids Enhance Matrix Metalloproteinase-2 Expression in Human Endothelial Cells. <i>Endocrinology</i> , 2005, 146, 3387-3400.	1.4	75
15	LTA and LPS mediated activation of protein kinases in the regulation of inflammatory cytokines expression in macrophages. <i>Clinica Chimica Acta</i> , 2006, 374, 106-115.	0.5	71
16	Lysophosphatidic Acid Up-Regulates Expression of Interleukin-8 and -6 in Granulosa-Lutein Cells through Its Receptors and Nuclear Factor- κ B Dependent Pathways: Implications for Angiogenesis of Corpus Luteum and Ovarian Hyperstimulation Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 935-943.	1.8	69
17	S1P5 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-C458.	2.1	68
18	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, 3582-3586.	1.3	67

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19	Lysophosphatidic acid regulates inflammation-related genes in human endothelial cells through LPA1 and LPA3. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 1001-1008.	1.0	66
20	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, 237-249.	3.2	65
21	A planar interdigitated ring electrode array via dielectrophoresis for uniform patterning of cells. <i>Biosensors and Bioelectronics</i> , 2008, 24, 869-875.	5.3	62
22	Characterization of Neuroblastic Tumors Using ¹⁸ F-FDOPA PET. <i>Journal of Nuclear Medicine</i> , 2013, 54, 42-49.	2.8	61
23	Lysophosphatidic acid upregulates vascular endothelial growth factor-C and tube formation in human endothelial cells through LPA1/3, COX-2, and NF- κ B activation- and EGFR transactivation-dependent mechanisms. <i>Cellular Signalling</i> , 2008, 20, 1804-1814.	1.7	60
24	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, 122-129.	2.6	59
25	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, 1474-1484.	0.7	59
26	Modeling of cancer metastasis and drug resistance via biomimetic nano-cilia and microfluidics. <i>Biomaterials</i> , 2014, 35, 1562-1571.	5.7	59
27	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.	3.3	57
28	Lysophospholipid regulation of mononuclear phagocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002, 1582, 175-177.	1.2	55
29	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, 757-767.	0.4	55
30	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.	1.0	51
31	GRP78 expression correlates with histologic differentiation and favorable prognosis in neuroblastic tumors. <i>International Journal of Cancer</i> , 2005, 113, 920-927.	2.3	48
32	Dielectrophoresis-based cellular microarray chip for anticancer drug screening in perfusion microenvironments. <i>Lab on A Chip</i> , 2011, 11, 2333.	3.1	48
33	Notch1 Expression Predicts an Unfavorable Prognosis and Serves as a Therapeutic Target of Patients with Neuroblastoma. <i>Clinical Cancer Research</i> , 2010, 16, 4411-4420.	3.2	42
34	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.	3.8	41
35	β -1,4-Galactosyltransferase III Enhances Invasive Phenotypes Via β 1-Integrin and Predicts Poor Prognosis in Neuroblastoma. <i>Clinical Cancer Research</i> , 2013, 19, 1705-1716.	3.2	41
36	LPA ₁ is essential for lymphatic vessel development in zebrafish. <i>FASEB Journal</i> , 2008, 22, 3706-3715.	0.2	39

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37	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.	1.7	39
38	Roles of sphingosine 1-phosphate on tumorigenesis. <i>World Journal of Biological Chemistry</i> , 2011, 2, 25.	1.7	38
39	Lysophosphatidic Acid Induces Erythropoiesis through Activating Lysophosphatidic Acid Receptor 3. <i>Stem Cells</i> , 2011, 29, 1763-1773.	1.4	38
40	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, 611-618.	1.7	38
41	Lysophosphatidic Acid Mediates Interleukin-8 Expression in Human Endometrial Stromal Cells through Its Receptor and Nuclear Factor- κ B-Dependent Pathway: A Possible Role in Angiogenesis of Endometrium and Placenta. <i>Endocrinology</i> , 2008, 149, 5888-5896.	1.4	37
42	Comparison of Immunomodulatory and Anticancer Activities in Different Strains of <i>Tremella fuciformis</i> Berk. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 1637-1655.	1.5	37
43	Lysophosphatidic Acid Up-Regulates Expression of Growth-Regulated Oncogene- β , Interleukin-8, and Monocyte Chemoattractant Protein-1 in Human First-Trimester Trophoblasts: Possible Roles in Angiogenesis and Immune Regulation. <i>Endocrinology</i> , 2010, 151, 369-379.	1.4	35
44	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, 1425-1433.	1.9	35
45	B4GALNT3 Expression Predicts a Favorable Prognosis and Suppresses Cell Migration and Invasion via β 1 Integrin Signaling in Neuroblastoma. <i>American Journal of Pathology</i> , 2011, 179, 1394-1404.	1.9	34
46	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, 20-25.	1.0	33
47	Thrombin induces nestin expression via the transactivation of EGFR signalings in rat vascular smooth muscle cells. <i>Cellular Signalling</i> , 2009, 21, 954-968.	1.7	33
48	Lysophosphatidic acid stimulates thrombomodulin lectin-like domain shedding in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 162-168.	1.0	32
49	Activation of Aryl Hydrocarbon Receptor by Kynurenine Impairs Progression and Metastasis of Neuroblastoma. <i>Cancer Research</i> , 2019, 79, 5550-5562.	0.4	31
50	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, 307-315.	0.9	30
51	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.	4.1	30
52	Lysophosphatidic acid-induced interleukin-1 β expression is mediated through Gi/Rho and the generation of reactive oxygen species in macrophages. <i>Journal of Biomedical Science</i> , 2008, 15, 357-363.	2.6	29
53	Identification of GRP75 as an Independent Favorable Prognostic Marker of Neuroblastoma by a Proteomics Analysis. <i>Clinical Cancer Research</i> , 2008, 14, 6237-6245.	3.2	29
54	Aryl Hydrocarbon Receptor Downregulates MYCN Expression and Promotes Cell Differentiation of Neuroblastoma. <i>PLoS ONE</i> , 2014, 9, e88795.	1.1	27

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55	Lysophosphatidic acid receptor LPA ₃ prevents oxidative stress and cellular senescence in Hutchinson ¹ Gilford progeria syndrome. <i>Aging Cell</i> , 2020, 19, e13064.	3.0	27
56	Diagnostic FDG and FDOPA positron emission tomography scans distinguish the genomic type and treatment outcome of neuroblastoma. <i>Oncotarget</i> , 2016, 7, 18774-18786.	0.8	27
57	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, 564-569.	1.0	26
58	Nuclear GRP75 Binds Retinoic Acid Receptors to Promote Neuronal Differentiation of Neuroblastoma. <i>PLoS ONE</i> , 2011, 6, e26236.	1.1	26
59	Insulin-like growth factor II mRNA-binding protein 3 expression predicts unfavorable prognosis in patients with neuroblastoma. <i>Cancer Science</i> , 2011, 102, 2191-2198.	1.7	25
60	Toll-like receptor 3 expression inhibits cell invasion and migration and predicts a favorable prognosis in neuroblastoma. <i>Cancer Letters</i> , 2013, 336, 338-346.	3.2	24
61	Calreticulin activates α 2 β 1 integrin via fucosylation by fucosyltransferase 1 in J82 human bladder cancer cells. <i>Biochemical Journal</i> , 2014, 460, 69-80.	1.7	24
62	Connective tissue growth factor inhibits gastric cancer peritoneal metastasis by blocking integrin α 3 β 1-dependent adhesion. <i>Gastric Cancer</i> , 2015, 18, 504-515.	2.7	24
63	Novel Endogenous Ligands of Aryl Hydrocarbon Receptor Mediate Neural Development and Differentiation of Neuroblastoma. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4031-4042.	1.7	24
64	Lysophosphatidic Acid Inhibits Serum Deprivation-Induced Autophagy in Human Prostate Cancer PC-3 Cells. <i>Autophagy</i> , 2007, 3, 268-270.	4.3	23
65	Unnatural Amino Acid-Substituted (Hydroxyethyl)urea Peptidomimetics Inhibit β -Secretase and Promote the Neuronal Differentiation of Neuroblastoma Cells. <i>Molecular Pharmacology</i> , 2007, 71, 588-601.	1.0	23
66	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.	2.6	23
67	Pharmacological activation of lysophosphatidic acid receptors regulates erythropoiesis. <i>Scientific Reports</i> , 2016, 6, 27050.	1.6	22
68	Mechanisms of Lysophosphatidic Acid-Mediated Lymphangiogenesis in Prostate Cancer. <i>Cancers</i> , 2018, 10, 413.	1.7	21
69	Whole-genome de novo sequencing reveals unique genes that contributed to the adaptive evolution of the Mikado pheasant. <i>GigaScience</i> , 2018, 7, .	3.3	21
70	Role of Glucose-regulated Protein 78 in Embryonic Development and Neurological Disorders. <i>Journal of the Formosan Medical Association</i> , 2011, 110, 428-437.	0.8	20
71	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, 232-238.	1.0	20
72	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.	1.1	20

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73	Detection of Circulating Endothelial Cells via a Microfluidic Disk. <i>Clinical Chemistry</i> , 2011, 57, 586-592.	1.5	18
74	LPA1/3 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.	1.2	18
75	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, 1641.	1.8	18
76	The Influence of Biologic Factors on the Surgical Decision in Advanced Neuroblastoma. <i>Annals of Surgical Oncology</i> , 2006, 13, 238-244.	0.7	17
77	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, 1166-1172.	6.5	17
78	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, 360-366.	2.8	17
79	A spatiotemporally defined in vitro microenvironment for controllable signal delivery and drug screening. <i>Analyst</i> , 2014, 139, 4846-4854.	1.7	17
80	Intentional endometrial injury increases embryo implantation potentials through enhanced endometrial angiogenesis. <i>Biology of Reproduction</i> , 2019, 100, 381-389.	1.2	17
81	Lysophosphatidic Acid Enhances Vascular Endothelial Growth Factor-C Expression in Human Prostate Cancer PC-3 Cells. <i>PLoS ONE</i> , 2012, 7, e41096.	1.1	17
82	Association between color doppler vascularity index, angiogenesis-related molecules, and clinical outcomes in gastric cancer. <i>Journal of Surgical Oncology</i> , 2009, 99, 402-408.	0.8	16
83	Calreticulin Mediates Nerve Growth Factor-Induced Neuronal Differentiation. <i>Journal of Molecular Neuroscience</i> , 2012, 47, 571-581.	1.1	16
84	Lysophospholipids elevate $[Ca^{2+}]_i$ and trigger exocytosis in bovine chromaffin cells. <i>Neuropharmacology</i> , 2006, 51, 18-26.	2.0	15
85	MDA5 complements TLR3 in suppression of neuroblastoma. <i>Oncotarget</i> , 2015, 6, 24935-24946.	0.8	15
86	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.	1.0	14
87	Calreticulin Regulates VEGF-A in Neuroblastoma Cells. <i>Molecular Neurobiology</i> , 2015, 52, 758-770.	1.9	14
88	Arf6 in lymphatic endothelial cells regulates lymphangiogenesis by controlling directional cell migration. <i>Scientific Reports</i> , 2017, 7, 11431.	1.6	14
89	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, 1521-1527.	1.7	13
90	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.	1.5	13

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91	ParaStamp and Its Applications to Cell Patterning, Drug Synergy Screening, and Rewritable Devices for Droplet Storage. <i>Advanced Biology</i> , 2017, 1, 1700048.	3.0	13
92	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, 301A, 737-744.	1.4	12
93	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, 440-445.	1.0	12
94	Interleukin-1 β Expression Is Required for Lysophosphatidic Acid-Induced Lymphangiogenesis in Human Umbilical Vein Endothelial Cells. <i>International Journal of Inflammation</i> , 2011, 2011, 1-7.	0.9	11
95	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.	1.1	11
96	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, 815-820.	0.9	10
97	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.	0.7	9
98	Facilitating tumor spheroid-based bioassays and <i>in vitro</i> blood vessel modeling via bioinspired self-formation microstructure devices. <i>Lab on A Chip</i> , 2018, 18, 2453-2465.	3.1	9
99	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, 172-183.	1.2	8
100	Grb7 Protein Stability Modulated by Pin1 in Association with Cell Cycle Progression. <i>PLoS ONE</i> , 2016, 11, e0163617.	1.1	8
101	Calreticulin regulates vascular endothelial growth factor-A mRNA stability in gastric cancer cells. <i>PLoS ONE</i> , 2019, 14, e0225107.	1.1	8
102	Lysophosphatidic Acid and Hematopoiesis: From Microenvironmental Effects to Intracellular Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2015.	1.8	8
103	Establishment of a fluorescence resonance energy transfer-based bioassay for detecting dioxin-like compounds. <i>Journal of Biomedical Science</i> , 2008, 15, 833-40.	2.6	7
104	A nanodroplet cell processing platform facilitating drug synergy evaluations for anti-cancer treatments. <i>Scientific Reports</i> , 2019, 9, 10120.	1.6	7
105	Calreticulin regulates MYCN expression to control neuronal differentiation and stemness of neuroblastoma. <i>Journal of Molecular Medicine</i> , 2019, 97, 325-339.	1.7	7
106	VEGF expression correlates with neuronal differentiation and predicts a favorable prognosis in patients with neuroblastoma. <i>Scientific Reports</i> , 2017, 7, 11212.	1.6	6
107	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, 2837.	1.8	6
108	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, 881-885.	6.5	4

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109	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.	2.6	4
110	Establishment of a bioluminescence-based bioassay for the detection of dioxin-like compounds. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 247-254.	1.3	4
111	Establishment of a cell-free bioassay for detecting dioxin-like compounds. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 464-470.	1.3	4
112	Experimental demonstration of <i>bindingless</i> signal delivery in human cells <i>via</i> microfluidics. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	4
113	Observation of <i>wired</i> cell communication over 10- μ m and 20- μ m poly(dimethylsiloxane) barriers in tetracycline inducible expression systems. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	4
114	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.	1.2	4
115	Identification of a rod domain-truncated isoform of nestin, Nes-S ¹⁰⁷ 107-254, in rat dorsal root ganglia. <i>Neuroscience Letters</i> , 2013, 553, 181-185.	1.0	3
116	Pectoral Fin Anomalies in tbx5a Knockdown Zebrafish Embryos Related to the Cascade Effect of N-Cadherin and Extracellular Matrix Formation. <i>Journal of Developmental Biology</i> , 2019, 7, 15.	0.9	3
117	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, 5218.	1.8	3
118	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.	2.1	3
119	Lysophosphatidic Acid Receptor 3 Promotes Mitochondrial Homeostasis against Oxidative Stress: Potential Therapeutic Approaches for Hutchinson-Gilford Progeria Syndrome. <i>Antioxidants</i> , 2022, 11, 351.	2.2	3
120	Thyroid papillary carcinoma in subhyoid ectopic thyroid tissue. <i>New Zealand Medical Journal</i> , 2004, 117, U1205.	0.5	2
121	Evidence of <i>wired</i> drug-cell communication through micro-barrier well-array devices. <i>AIP Advances</i> , 2019, 9, 095025.	0.6	1
122	Signaling mechanisms and molecular characteristics of G protein-coupled receptors for lysophosphatidic acid and sphingosine 1-phosphate. , 1998, 72, 147.		1
123	Calreticulin regulates cell proliferation and migration in gastric cancer cell line AGS. <i>FASEB Journal</i> , 2007, 21, A1318.	0.2	1
124	Histological Analysis of Lysophosphatidic Acid Receptor 3 Deficient Zebrafish. <i>FASEB Journal</i> , 2019, 33, 705.5.	0.2	1
125	Microcrater-Arrayed Chemiluminescence Cell Chip to Boost Anti-Cancer Drug Administration in Zebrafish Tumor Xenograft Model. <i>Biology</i> , 2022, 11, 4.	1.3	1
126	Corrigendum to <i>Silencing of miR-124 induces neuroblastoma SK-N-SH cell differentiation, cell cycle arrest and apoptosis through promoting AHR</i> [FEBS Lett. 585 (2011) 3582-3586]. <i>FEBS Letters</i> , 2012, 586, 107-107.	1.3	0

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127	A novel round bottom 1/4-well array chip with biomimetic nano-cilia promotes 3D tumor cultures and metastatic bioassays. , 2017, , .		0
128	Lysophosphatidic Acid (LPA) Enhances Matrix Metalloproteinase-2 (MMP-2) Expression in PC-3 Human Prostate Cancer Cell Line. FASEB Journal, 2007, 21, A1429.	0.2	0
129	Lysophospholipids Enhance Membrane Type-1 Matrix Metalloproteinase Expression Activity in Human Endothelial Cells. FASEB Journal, 2007, 21, A858.	0.2	0
130	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.	0.2	0
131	Establish a novel FRET-based bioassay for detection of dioxin-like compounds. FASEB Journal, 2008, 22, 921.2.	0.2	0
132	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.	0.2	0
133	Sphingosine 1-phosphate (S1P) induces autophagy of PC-3 human prostate cancer cell line. FASEB Journal, 2008, 22, 1238.21.	0.2	0
134	Lysophosphatidic acid upregulates vascular endothelial growth factor expression in human endothelial cells and enhances lymphangiogenesis. FASEB Journal, 2008, 22, 964.19.	0.2	0
135	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.	0.2	0
136	Calreticulin Knockdown Suppresses Cell Proliferation, Migration and Adhesion in Human Bladder Cancer Cells. FASEB Journal, 2009, 23, 740.17.	0.2	0
137	Interleukin 1 β (IL-1 β) expression is required for lysophosphatidic acid (LPA)-induced lymphangiogenesis in endothelial cells. FASEB Journal, 2009, 23, 965.9.	0.2	0
138	Aromatic Hydrocarbon Receptor Downregulates MYCN Expression and Promotes Neural Differentiation of Neuroblastoma. FASEB Journal, 2009, 23, 740.15.	0.2	0
139	Knockdown of MT1-MMP expression in Human Umbilical Vein Endothelial Cell Inhibits MMP-2 and TIMP-2 expression. FASEB Journal, 2009, 23, 965.8.	0.2	0
140	Sphingosine 1-phosphate (S1P)-induced autophagy plays a protective role in human prostate PC-3 cells. FASEB Journal, 2009, 23, 618.11.	0.2	0
141	Lysophosphatidic acid enhances VEGF expression in PC-3 human prostate cancer cells. FASEB Journal, 2010, 24, 954.8.	0.2	0
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