

Lixin Liu

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,490
citations

430874

18
h-index

395702

33
g-index

48
all docs

48
docs citations

48
times ranked

2431
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraluminal crawling of neutrophils to emigration sites: a molecularly distinct process from adhesion in the recruitment cascade. <i>Journal of Experimental Medicine</i> , 2006, 203, 2569-2575.	8.5	599
2	LSP1 is an endothelial gatekeeper of leukocyte transendothelial migration. <i>Journal of Experimental Medicine</i> , 2005, 201, 409-418.	8.5	105
3	Leukocyte PI3K $\hat{1}$ ³ and PI3K $\hat{1}$ ¹ have temporally distinct roles for leukocyte recruitment in vivo. <i>Blood</i> , 2007, 110, 1191-1198.	1.4	104
4	Complement component C3a plays a critical role in endothelial activation and leukocyte recruitment into the brain. <i>Journal of Neuroinflammation</i> , 2016, 13, 23.	7.2	76
5	IL-33/ST2 plays a critical role in endothelial cell activation and microglia-mediated neuroinflammation modulation. <i>Journal of Neuroinflammation</i> , 2018, 15, 136.	7.2	50
6	Endothelial cell activation in central nervous system inflammation. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1119-1132.	3.3	46
7	Single Cell Assay for Molecular Diagnostics and Medicine: Monitoring Intracellular Concentrations of Macromolecules by Two-photon Fluorescence Lifetime Imaging. <i>Theranostics</i> , 2015, 5, 919-930.	10.0	44
8	FTY720 Inhibits MPP ⁺ -Induced Microglial Activation by Affecting NLRP3 Inflammasome Activation. <i>Journal of NeuroImmune Pharmacology</i> , 2019, 14, 478-492.	4.1	43
9	SPHK1 deficiency protects mice from acetaminophen-induced ER stress and mitochondrial permeability transition. <i>Cell Death and Differentiation</i> , 2020, 27, 1924-1937.	11.2	43
10	Molecular mechanisms of leukocyte recruitment: organ-specific mechanisms of action. <i>Thrombosis and Haemostasis</i> , 2003, 89, 213-20.	3.4	37
11	TLR signalling affects sperm mitochondrial function and motility via phosphatidylinositol 3-kinase and glycogen synthase kinase-3 $\hat{1}$ \pm . <i>Cellular Signalling</i> , 2016, 28, 148-156.	3.6	34
12	Applications of fluorescence lifetime imaging in clinical medicine. <i>Journal of Innovative Optical Health Sciences</i> , 2018, 11, .	1.0	30
13	Cycles of protein condensation and discharge in nuclear organelles studied by fluorescence lifetime imaging. <i>Nature Communications</i> , 2019, 10, 455.	12.8	26
14	Sphingosine kinase 2 cooperating with Fyn promotes kidney fibroblast activation and fibrosis via STAT3 and AKT. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3824-3836.	3.8	24
15	Different microvascular permeability responses elicited by the CXC chemokines MIP-2 and KC during leukocyte recruitment: Role of LSP1. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 484-489.	2.1	23
16	Endothelial LSP1 Modulates Extravascular Neutrophil Chemotaxis by Regulating Nonhematopoietic Vascular PECAM-1 Expression. <i>Journal of Immunology</i> , 2015, 195, 2408-2416.	0.8	23
17	Super-resolution optical microscopy using cylindrical vector beams. <i>Nanophotonics</i> , 2022, 11, 3395-3420.	6.0	21
18	Leukocyte-specific protein 1 regulates neutrophil recruitment in acute lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L995-L1008.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Bisphenol A affects trophoblast invasion by inhibiting CXCL8 expression in decidual stromal cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 38-47.	3.2	18
20	Tracking Neutrophil Intraluminal Crawling, Transendothelial Migration and Chemotaxis in Tissue by Intravital Video Microscopy. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	17
21	Fluorescence lifetime imaging microscopy and its applications in skin cancer diagnosis. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 12, .	1.0	17
22	Pharmacological Inhibition of p38 Mitogen-Activated Protein Kinases Affects KC/CXCL1-Induced Intraluminal Crawling, Transendothelial Migration, and Chemotaxis of Neutrophils <i>In Vivo</i> . <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	3.0	16
23	Fingolimod targets cerebral endothelial activation to block leukocyte recruitment in the central nervous system. <i>Journal of Leukocyte Biology</i> , 2018, 103, 107-118.	3.3	15
24	Regulation of methylglyoxal-elicited leukocyte recruitment by endothelial SGK1/GSK3 signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2481-2491.	4.1	14
25	Intravital imaging of interactions between iNKT and kupffer cells to clear free lipids during steatohepatitis. <i>Theranostics</i> , 2021, 11, 2149-2169.	10.0	9
26	Critical role for PI3K β -dependent neutrophil reactive oxygen species in WKYMVm-induced microvascular hyperpermeability. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1117-1127.	3.3	6
27	Bam32/DAPP1-Dependent Neutrophil Reactive Oxygen Species in WKYMVm-Induced Microvascular Hyperpermeability. <i>Frontiers in Immunology</i> , 2020, 11, 1028.	4.8	5
28	The Specific Mitogen- and Stress-Activated Protein Kinase MSK1 Inhibitor SB-747651A Modulates Chemokine-Induced Neutrophil Recruitment. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2163.	4.1	4
29	Super-Resolution Image Reconstruction Based on Single-Molecule Localization Algorithm. <i>Photonics</i> , 2021, 8, 273.	2.0	4
30	Application of Adaptive Optics in Ophthalmology. <i>Photonics</i> , 2022, 9, 288.	2.0	4
31	Diagnosis of basal cell carcinoma by two photon excited fluorescence combined with lifetime imaging. , 2014, , .		2
32	Mapping of intracellular concentrations of macromolecules by two-photon excited fluorescence lifetime imaging. , 2016, , .		2
33	Combination of hyperspectral imaging and laser-induced breakdown spectroscopy for biomedical applications. , 2017, , .		2
34	Fast 3D Surface Measurement with Wrapped Phase and Pseudorandom Image. <i>Sensors</i> , 2019, 19, 4185.	3.8	2
35	Suppressive Role of Bam32/DAPP1 in Chemokine-Induced Neutrophil Recruitment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1825.	4.1	2
36	Combined remote LIBS and Raman system for identifying the composition of minerals. , 2015, , .		1

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37	Applying stand-off LIBS to paleoclimatic research: A case study on geochemical content of carbonate rocks. , 2015, , .		1
38	Numerical Investigation of Multifunctional Plasmonic Micro-Fiber Based on Fano Resonances and LSPR Excited via Cylindrical Vector Beam. Sensors, 2021, 21, 5642.	3.8	1
39	Classification of skin cancer based on fluorescence lifetime imaging and machine learning. , 2020, , .		1
40	MONTE CARLO SIMULATION OF MULTIFOCAL STOCHASTIC SCANNING SYSTEM. Journal of Innovative Optical Health Sciences, 2014, 07, 1350054.	1.0	0
41	Quantitative analysis of laser-induced breakdown spectroscopy of Pb in water using particle swarm optimization algorithm. , 2015, , .		0
42	Principle of a two-output-difference interferometer for removing the most important interference distortions. Journal of Modern Optics, 2018, 65, 2200-2208.	1.3	0
43	Function of Angiostatin in Acute Lung Inflammation. FASEB Journal, 2010, 24, 111.4.	0.5	0
44	Leukocyteâ€specific Protein 1 (LSP1) regulates neutrophil migration in acute lung inflammation. FASEB Journal, 2013, 27, 1166.13.	0.5	0
45	Impaired endotheliumâ€dependent vasorelaxation contributes to hypertension in leukocyteâ€specific protein 1 (LSP1)â€deficient mice. FASEB Journal, 2013, 27, 1182.10.	0.5	0
46	Pharmacological inhibition of p38 mitogenâ€activated protein kinases affects KC/CXCL1â€induced intraluminal crawling, transendothelial migration, and chemotaxis of neutrophils in vivo. FASEB Journal, 2013, 27, 646.3.	0.5	0
47	Deficiency of Leukocyteâ€specific Protein 1 (LSP1) Alleviates Asthma in a Mouse Model. FASEB Journal, 2018, 32, 15.3.	0.5	0
48	Application of fluorescence lifetime imaging in skin cancer diagnosis. , 2019, , .		0