

Jie Fan

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

8,612
citations

109321

35
h-index

88630

70
g-index

71
all docs

71
docs citations

71
times ranked

18969
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.	9.1	4,701
2	Hemorrhagic Shock Induces NAD(P)H Oxidase Activation in Neutrophils: Role of HMGB1-TLR4 Signaling. <i>Journal of Immunology</i> , 2007, 178, 6573-6580.	0.8	268
3	TLR4 signaling induces TLR2 expression in endothelial cells via neutrophil NADPH oxidase. <i>Journal of Clinical Investigation</i> , 2003, 112, 1234-1243.	8.2	234
4	Toll-like receptor-4 (TLR4) signaling augments chemokine-induced neutrophil migration by modulating cell surface expression of chemokine receptors. <i>Nature Medicine</i> , 2003, 9, 315-321.	30.7	231
5	Regulation of alveolar macrophage death in acute lung inflammation. <i>Respiratory Research</i> , 2018, 19, 50.	3.6	174
6	Programmed cell death and its role in inflammation. <i>Military Medical Research</i> , 2015, 2, 12.	3.4	163
7	An immunostimulatory dual-functional nanocarrier that improves cancer immunotherapy. <i>Nature Communications</i> , 2016, 7, 13443.	12.8	156
8	Inflammasome and Autophagy Regulation: A Two-way Street. <i>Molecular Medicine</i> , 2017, 23, 188-195.	4.4	155
9	Heatstroke induces liver injury via IL-1 β and HMGB1-induced pyroptosis. <i>Journal of Hepatology</i> , 2015, 63, 622-633.	3.7	146
10	Hemorrhagic Shock Activation of NLRP3 Inflammasome in Lung Endothelial Cells. <i>Journal of Immunology</i> , 2011, 187, 4809-4817.	0.8	136
11	Role of Neutrophil NADPH Oxidase in the Mechanism of Tumor Necrosis Factor- α -induced NF- κ B Activation and Intercellular Adhesion Molecule-1 Expression in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 3404-3411.	3.4	117
12	Location is the key to function: HMGB1 in sepsis and trauma-induced inflammation. <i>Journal of Leukocyte Biology</i> , 2019, 106, 161-169.	3.3	115
13	Hemorrhagic shock primes for lung vascular endothelial cell pyroptosis: role in pulmonary inflammation following LPS. <i>Cell Death and Disease</i> , 2016, 7, e2363-e2363.	6.3	95
14	Kindlin-2 controls TGF- β 2 signalling and Sox9 expression to regulate chondrogenesis. <i>Nature Communications</i> , 2015, 6, 7531.	12.8	93
15	IL-36 β Transforms the Tumor Microenvironment and Promotes Type 1 Lymphocyte-Mediated Antitumor Immune Responses. <i>Cancer Cell</i> , 2015, 28, 296-306.	16.8	93
16	TLR4-Upregulated IL-1 β and IL-1RI Promote Alveolar Macrophage Pyroptosis and Lung Inflammation through an Autocrine Mechanism. <i>Scientific Reports</i> , 2016, 6, 31663.	3.3	92
17	Cold-inducible RNA-binding protein causes endothelial dysfunction via activation of Nlrp3 inflammasome. <i>Scientific Reports</i> , 2016, 6, 26571.	3.3	81
18	FTO modifies the m6A level of MALAT and promotes bladder cancer progression. <i>Clinical and Translational Medicine</i> , 2021, 11, e310.	4.0	81

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19	Platelet-derived exosomes promote neutrophil extracellular trap formation during septic shock. <i>Critical Care</i> , 2020, 24, 380.	5.8	79
20	Hemorrhagic shock-activated neutrophils augment TLR4 signaling-induced TLR2 upregulation in alveolar macrophages: role in hemorrhage-primed lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L738-L746.	2.9	75
21	Group 2 innate lymphoid cells protect lung endothelial cells from pyroptosis in sepsis. <i>Cell Death and Disease</i> , 2018, 9, 369.	6.3	62
22	Ageing-related Atg5 defect impairs neutrophil extracellular traps formation. <i>Immunology</i> , 2017, 151, 417-432.	4.4	60
23	ATF4 promotes bone angiogenesis by increasing vegf expression and release in the bone environment. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1870-1884.	2.8	57
24	Critical Role of AKT Protein in Myeloma-induced Osteoclast Formation and Osteolysis. <i>Journal of Biological Chemistry</i> , 2013, 288, 30399-30410.	3.4	56
25	MiR-29b inhibits collagen maturation in hepatic stellate cells through down-regulating the expression of HSP47 and lysyl oxidase. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 940-944.	2.1	55
26	Neutrophils Counteract Autophagy-Mediated Anti-Inflammatory Mechanisms in Alveolar Macrophage: Role in Posthemorrhagic Shock Acute Lung Inflammation. <i>Journal of Immunology</i> , 2014, 193, 4623-4633.	0.8	52
27	Injury-induced MRP8/MRP14 stimulates IP-10/CXCL10 in monocytes/macrophages. <i>FASEB Journal</i> , 2015, 29, 250-262.	0.5	48
28	Surgical Treatment of Metachronous Second Primary Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1192-1198.	1.3	48
29	Hemorrhagic Shock Augments Nlrp3 Inflammasome Activation in the Lung through Impaired Pyrin Induction. <i>Journal of Immunology</i> , 2013, 190, 5247-5255.	0.8	42
30	let-7b and let-7c are determinants of intrinsic chemoresistance in renal cell carcinoma. <i>World Journal of Surgical Oncology</i> , 2015, 13, 175.	1.9	42
31	Lung epithelial cell-derived IL-25 negatively regulates LPS-induced exosome release from macrophages. <i>Military Medical Research</i> , 2018, 5, 24.	3.4	41
32	Ageing-Impaired Filamentous Actin Polymerization Signaling Reduces Alveolar Macrophage Phagocytosis of Bacteria. <i>Journal of Immunology</i> , 2017, 199, 3176-3186.	0.8	40
33	Regulation of hepatic stellate cell proliferation and activation by glutamine metabolism. <i>PLoS ONE</i> , 2017, 12, e0182679.	2.5	40
34	Cold-inducible RNA-binding protein through TLR4 signaling induces mitochondrial DNA fragmentation and regulates macrophage cell death after trauma. <i>Cell Death and Disease</i> , 2017, 8, e2775-e2775.	6.3	39
35	Anti-fibrotic effect of thymoquinone on hepatic stellate cells. <i>Phytomedicine</i> , 2014, 21, 254-260.	5.3	38
36	Stabilization of MCRS1 by BAP1 prevents chromosome instability in renal cell carcinoma. <i>Cancer Letters</i> , 2015, 369, 167-174.	7.2	37

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37	Oestrogen sulfotransferase ablation sensitizes mice to sepsis. <i>Nature Communications</i> , 2015, 6, 7979.	12.8	33
38	The origin and role of innate lymphoid cells in the lung. <i>Military Medical Research</i> , 2016, 3, 25.	3.4	31
39	Gasdermin D protects against noninfectious liver injury by regulating apoptosis and necroptosis. <i>Cell Death and Disease</i> , 2019, 10, 481.	6.3	31
40	Frontline Science: Macrophage-derived exosomes promote neutrophil necroptosis following hemorrhagic shock. <i>Journal of Leukocyte Biology</i> , 2018, 103, 175-183.	3.3	30
41	Ubiquitin E3 ligase UHRF1 regulates p53 ubiquitination and p53-dependent cell apoptosis in clear cell Renal Cell Carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 147-153.	2.1	29
42	NEUTROPHIL NAD(P)H OXIDASE IS REQUIRED FOR HEMORRHAGIC SHOCK-ENHANCED TLR2 UP-REGULATION IN ALVEOLAR MACROPHAGES IN RESPONSE TO LPS. <i>Shock</i> , 2007, 28, 213-218.	2.1	27
43	Tumor suppressor microRNA-34a inhibits cell proliferation by targeting Notch1 in renal cell carcinoma. <i>Oncology Letters</i> , 2014, 7, 1689-1694.	1.8	26
44	TLR Cross-Talk Mechanism of Hemorrhagic Shock-Primed Pulmonary Neutrophil Infiltration. <i>Open Critical Care Medicine Journal</i> , 2009, 2, 1-8.	0.2	25
45	Hemorrhagic Shock Activates Lung Endothelial Reduced Nicotinamide Adenine Dinucleotide Phosphate (NADPH) Oxidase Via Neutrophil NADPH Oxidase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 333-340.	2.9	23
46	RAGE-induced ILC2 expansion in acute lung injury due to haemorrhagic shock. <i>Thorax</i> , 2020, 75, 209-219.	5.6	23
47	Activation of Pregnane X Receptor Sensitizes Mice to Hemorrhagic Shock-Induced Liver Injury. <i>Hepatology</i> , 2019, 70, 995-1010.	7.3	22
48	ARRDC1 and ARRDC3 act as tumor suppressors in renal cell carcinoma by facilitating YAP1 degradation. <i>American Journal of Cancer Research</i> , 2018, 8, 132-143.	1.4	20
49	Neutrophil in Reverse Migration: Role in Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 656039.	4.8	18
50	Cell-Cell Interaction Mechanisms in Acute Lung Injury. <i>Shock</i> , 2021, 55, 167-176.	2.1	18
51	Intra-arterial infusion chemotherapy utilizing cisplatin inhibits bladder cancer by decreasing the T-bet ^{hi} myeloid-derived suppressor cells in an m6A-dependent manner. <i>Molecular Immunology</i> , 2021, 137, 28-40.	2.2	17
52	Discovering myeloid cell heterogeneity in the lung by means of next generation sequencing. <i>Military Medical Research</i> , 2019, 6, 33.	3.4	16
53	Hepatocytes Are Resistant to Cell Death From Canonical and Non-Canonical Inflammasome-Activated Pyroptosis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 739-757.	4.5	16
54	Neural Regulation of Interactions Between Group 2 Innate Lymphoid Cells and Pulmonary Immune Cells. <i>Frontiers in Immunology</i> , 2020, 11, 576929.	4.8	15

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55	Integrated nanotechnology of synergism-sterilization and removing-residues for neomycin through nano-Cu ₂ O. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110371.	5.0	14
56	EGFR signaling augments TLR4 cell surface expression and function in macrophages via regulation of Rab5a activation. <i>Protein and Cell</i> , 2020, 11, 144-149.	11.0	14
57	Downregulation of the lncRNA ASB16-AS1 Decreases LARP1 Expression and Promotes Clear Cell Renal Cell Carcinoma Progression via miR-185-5p/miR-214-3p. <i>Frontiers in Oncology</i> , 2020, 10, 617105.	2.8	10
58	Memantine Alleviates Acute Lung Injury Via Inhibiting Macrophage Pyroptosis. <i>Shock</i> , 2021, 56, 1040-1048.	2.1	10
59	High TXNDC5 expression predicts poor prognosis in renal cell carcinoma. <i>Tumor Biology</i> , 2016, 37, 9797-9806.	1.8	9
60	Polymyxin for the treatment of intracranial infections of extensively drug-resistant bacteria in children after neurosurgical operation. <i>World Journal of Pediatrics</i> , 2020, 16, 528-532.	1.8	9
61	Rate-controlled nano-layered assembly mechanism of melamine-induced melamine-uric acid stones and its inhibition and elimination methods. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4133-4140.	5.8	8
62	Neuronal-Activated ILC2s Promote IL-17A Production in Lung $\gamma\delta$ T Cells During Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 670676.	4.8	8
63	Inflammasome in the Pathogenesis of Pulmonary Diseases. <i>Experientia Supplementum (2012)</i> , 2018, 108, 111-151.	0.9	8
64	TBK1/IKK μ Negatively Regulate LPS-Induced Neutrophil Necroptosis and Lung Inflammation. <i>Shock</i> , 2021, 55, 338-348.	2.1	6
65	Hepatic Estrogen Sulfotransferase Distantly Sensitizes Mice to Hemorrhagic Shock-Induced Acute Lung Injury. <i>Endocrinology</i> , 2020, 161, .	2.8	5
66	KLF2-induced circZKSCAN1 potentiates the tumorigenic properties of clear cell renal cell carcinoma by targeting the miR-1294/PIM1 axis. <i>Cell Cycle</i> , 2022, 21, 1376-1390.	2.6	5
67	Plasma gelsolin level predicts acute kidney injury after cardiopulmonary bypass in infants and young children. <i>World Journal of Pediatrics</i> , 2018, 14, 143-150.	1.8	4
68	GRK2 regulates group 2 innate lymphoid cell mobilization in sepsis. <i>Molecular Medicine</i> , 2022, 28, 32.	4.4	2
69	Activation of Pregnane X Receptor Sensitizes Mice to Hemorrhagic Shock Induced Liver Injury. <i>FASEB Journal</i> , 2018, 32, 563.5.	0.5	0