

Yong Jiang

List of Publications by Year in descending order

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93
papers

4,403
citations

136950
32
h-index

118850
62
g-index

100
all docs

100
docs citations

100
times ranked

7494
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the Structure and Function of a New Mitogen-activated Protein Kinase (p38 ^β). Journal of Biological Chemistry, 1996, 271, 17920-17926.	3.4	674
2	Detection of Severe Acute Respiratory Syndrome Coronavirus in the Brain: Potential Role of the Chemokine Mig in Pathogenesis. Clinical Infectious Diseases, 2005, 41, 1089-1096.	5.8	438
3	Treeio: An R Package for Phylogenetic Tree Input and Output with Richly Annotated and Associated Data. Molecular Biology and Evolution, 2020, 37, 599-603.	8.9	348
4	Characterization of Cytokine/Chemokine Profiles of Severe Acute Respiratory Syndrome. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 850-857.	5.6	281
5	Gut microbiota mediates diurnal variation of acetaminophen induced acute liver injury in mice. Journal of Hepatology, 2018, 69, 51-59.	3.7	178
6	ggtreeExtra: Compact Visualization of Richly Annotated Phylogenetic Data. Molecular Biology and Evolution, 2021, 38, 4039-4042.	8.9	134
7	Intestinal Microbiota Mediates the Susceptibility to Polymicrobial Sepsis-Induced Liver Injury by Granisetron Generation in Mice. Hepatology, 2019, 69, 1751-1767.	7.3	102
8	Diagnostic value of blood parameters for community-acquired pneumonia. International Immunopharmacology, 2018, 64, 10-15.	3.8	79
9	Enteric dysbiosis-linked gut barrier disruption triggers early renal injury induced by chronic high salt feeding in mice. Experimental and Molecular Medicine, 2017, 49, e370-e370.	7.7	77
10	Pembrolizumab plus allogeneic NK cells in advanced non-small cell lung cancer patients. Journal of Clinical Investigation, 2020, 130, 2560-2569.	8.2	77
11	Role of p38 MAPK in ICAM-1 Expression of Vascular Endothelial Cells Induced by Lipopolysaccharide. Shock, 2002, 17, 433-438.	2.1	73
12	Mechanisms regulating the nuclear translocation of p38 MAP kinase. Journal of Cellular Biochemistry, 2010, 110, 1420-1429.	2.6	72
13	Exosomes Derived From Septic Mouse Serum Modulate Immune Responses via Exosome-Associated Cytokines. Frontiers in Immunology, 2019, 10, 1560.	4.8	71
14	Regulation of PRAK Subcellular Location by p38 MAP Kinases. Molecular Biology of the Cell, 2003, 14, 2603-2616.	2.1	70
15	Light exposure influences the diurnal oscillation of gut microbiota in mice. Biochemical and Biophysical Research Communications, 2018, 501, 16-23.	2.1	68
16	Enteric dysbiosis is associated with sepsis in patients. FASEB Journal, 2019, 33, 12299-12310.	0.5	67
17	Protective effect of butyrate against ethanol-induced gastric ulcers in mice by promoting the anti-inflammatory, anti-oxidant and mucosal defense mechanisms. International Immunopharmacology, 2016, 30, 179-187.	3.8	63
18	Functional Characterization of S100A8 and S100A9 in Altering Monolayer Permeability of Human Umbilical Endothelial Cells. PLoS ONE, 2014, 9, e90472.	2.5	56

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19	Apigenin, a potent suppressor of dendritic cell maturation and migration, protects against collagen-induced arthritis. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 170-180.	3.6	54
20	Irreversible electroporation plus allogenic V β 9V α 2 T cells enhances antitumor effect for locally advanced pancreatic cancer patients. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 215.	17.1	54
21	Potential protective effects of <i>Clostridium butyricum</i> on experimental gastric ulcers in mice. <i>World Journal of Gastroenterology</i> , 2015, 21, 8340.	3.3	53
22	Injury-induced MRP8/MRP14 stimulates IP α 10/CXCL10 in monocytes/macrophages. <i>FASEB Journal</i> , 2015, 29, 250-262.	0.5	48
23	TLR4 Signaling Augments Monocyte Chemotaxis by Regulating G Protein-Coupled Receptor Kinase 2 Translocation. <i>Journal of Immunology</i> , 2013, 191, 857-864.	0.8	47
24	Promising biomass-derived hierarchical porous carbon material for high performance supercapacitor. <i>RSC Advances</i> , 2017, 7, 10385-10390.	3.6	46
25	Association between cytokines and exosomes in synovial fluid of individuals with knee osteoarthritis. <i>Modern Rheumatology</i> , 2020, 30, 758-764.	1.8	45
26	Involvement of the p38 Mitogen-activated Protein Kinase $\hat{1}$, $\hat{2}$, and $\hat{3}$ Isoforms in Myogenic Differentiation. <i>Molecular Biology of the Cell</i> , 2008, 19, 1519-1528.	2.1	44
27	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
28	Severe Pneumonia Caused by Coinfection With Influenza Virus Followed by Methicillin-Resistant <i>Staphylococcus aureus</i> Induces Higher Mortality in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 3189.	4.8	39
29	Role of TLR4-p38 MAPK-Hsp27 signal pathway in LPS-induced pulmonary epithelial hyperpermeability. <i>BMC Pulmonary Medicine</i> , 2018, 18, 178.	2.0	37
30	Soyasaponin II protects against acute liver failure through diminishing YB-1 phosphorylation and Nlrp3-inflammasome priming in mice. <i>Theranostics</i> , 2020, 10, 2714-2726.	10.0	35
31	p150Glued, Dynein, and Microtubules Are Specifically Required for Activation of MKK3/6 and p38 MAPKs. <i>Journal of Biological Chemistry</i> , 2004, 279, 45308-45311.	3.4	34
32	Advanced glycation end products and lipopolysaccharide synergistically stimulate proinflammatory cytokine/chemokine production in endothelial cells via activation of both mitogen-activated protein kinases and nuclear factor- κ B. <i>FEBS Journal</i> , 2009, 276, 4598-4606.	4.7	34
33	Kindlin-2 controls sensitivity of prostate cancer cells to cisplatin-induced cell death. <i>Cancer Letters</i> , 2010, 299, 54-62.	7.2	34
34	Tumor Suppressor Folliculin Regulates mTORC1 through Primary Cilia. <i>Journal of Biological Chemistry</i> , 2016, 291, 11689-11697.	3.4	33
35	3, 4-dihydroxyl-phenyl lactic acid restores NADH dehydrogenase 1 $\hat{1}$ subunit 10 to ameliorate cardiac reperfusion injury. <i>Scientific Reports</i> , 2015, 5, 10739.	3.3	31
36	Toll-like receptor 4-induced ryanodine receptor 2 oxidation and sarcoplasmic reticulum Ca $^{2+}$ leakage promote cardiac contractile dysfunction in sepsis. <i>Journal of Biological Chemistry</i> , 2018, 293, 794-807.	3.4	31

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37	H3K4 Methylation Regulates LPS-Induced Proinflammatory Cytokine Expression and Release in Macrophages. <i>Shock</i> , 2019, 51, 401-406.	2.1	31
38	Scube regulates synovial angiogenesis-related signaling. <i>Medical Hypotheses</i> , 2013, 81, 948-953.	1.5	30
39	Increased Susceptibility of ST2-Deficient Mice to Polymicrobial Sepsis Is Associated with an Impaired Bactericidal Function. <i>Journal of Immunology</i> , 2011, 187, 4293-4299.	0.8	29
40	Diagnostic value of the blood monocyteâ€“lymphocyte ratio in knee osteoarthritis. <i>Journal of International Medical Research</i> , 2019, 47, 4413-4421.	1.0	28
41	Stress-induced interaction between p38 MAPK and HSP70. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 357-362.	2.1	25
42	The novel methyltransferase SETD4 regulates TLR agonist-induced expression of cytokines through methylation of lysine 4 at histone 3 in macrophages. <i>Molecular Immunology</i> , 2019, 114, 179-188.	2.2	25
43	Celecoxib Antagonizes the Cytotoxicity of Cisplatin in Human Esophageal Squamous Cell Carcinoma Cells by Reducing Intracellular Cisplatin Accumulation. <i>Molecular Pharmacology</i> , 2011, 79, 608-617.	2.3	24
44	Targeting adaptor protein SLP76 of RAGE as a therapeutic approach for lethal sepsis. <i>Nature Communications</i> , 2021, 12, 308.	12.8	24
45	Kelch-like Protein 21 (KLHL21) Targets Î²B Kinase-Î² to Regulate Nuclear Factor Î²-Light Chain Enhancer of Activated B Cells (NF-Î²B) Signaling Negatively. <i>Journal of Biological Chemistry</i> , 2016, 291, 18176-18189.	3.4	23
46	Lysophosphatidylcholine upâ€“regulates human endothelial nitric oxide synthase gene transactivity by câ€“Jun Nâ€“terminal kinase signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1136-1148.	3.6	22
47	The gut microbial metabolite, 3,4-dihydroxyphenylpropionic acid, alleviates hepatic ischemia/reperfusion injury via mitigation of macrophage pro-inflammatory activity in mice. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 182-196.	12.0	22
48	Dietary capsaicin and antibiotics act synergistically to reduce non-alcoholic fatty liver disease induced by high fat diet in mice. <i>Oncotarget</i> , 2017, 8, 38161-38175.	1.8	21
49	UVâ€“induced interaction between p38 MAPK and p53 serves as a molecular switch in determining cell fate. <i>FEBS Letters</i> , 2010, 584, 4711-4716.	2.8	20
50	Screening cytokine/chemokine profiles in serum and organs from an endotoxic shock mouse model by LiquiChip. <i>Science China Life Sciences</i> , 2017, 60, 1242-1250.	4.9	20
51	NF-Î²B activation is critical for bacterial lipoprotein tolerance-enhanced bactericidal activity in macrophages during microbial infection. <i>Scientific Reports</i> , 2017, 7, 40418.	3.3	19
52	Granisetron protects polymicrobial sepsis-induced acute lung injury in mice. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1004-1010.	2.1	18
53	Internalization of HMGB1 (High Mobility Group Box 1) Promotes Angiogenesis in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2922-2940.	2.4	18
54	Identification of a pyroptosis-related prognostic signature in breast cancer. <i>BMC Cancer</i> , 2022, 22, 429.	2.6	17

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55	Role of AP1 element in the activation of human eNOS promoter by lysophosphatidycholine. Journal of Cellular Biochemistry, 2006, 98, 872-884.	2.6	16
56	Lactosyl derivatives function in a rat model of severe burn shock by acting as antagonists against CD11b of integrin on leukocytes. Glycoconjugate Journal, 2009, 26, 173-188.	2.7	16
57	L-Fucose ameliorates high-fat diet-induced obesity and hepatic steatosis in mice. Journal of Translational Medicine, 2018, 16, 344.	4.4	16
58	PRAK Interacts with DJ-1 and Prevents Oxidative Stress-Induced Cell Death. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-13.	4.0	15
59	Purification and Identification of Membrane Proteins from Urinary Extracellular Vesicles using Triton X-114 Phase Partitioning. Journal of Proteome Research, 2018, 17, 86-96.	3.7	15
60	The multiomics landscape of serum exosomes during the development of sepsis. Journal of Advanced Research, 2022, 39, 203-223.	9.5	15
61	Phage-display library biopanning and bioinformatic analysis yielded a high-affinity peptide to inflamed vascular endothelium both in vitro and in vivo. Journal of Controlled Release, 2014, 174, 72-80.	9.9	13
62	A hybridized heterojunction structure between TiO ₂ nanorods and exfoliated graphitic carbon-nitride sheets for hydrogen evolution under visible light. CrystEngComm, 2016, 18, 6875-6880.	2.6	13
63	Systematic Identification and Analysis of Expression Profiles of mRNAs and lncrnas in Macrophage Inflammatory Response. Shock, 2019, 51, 770-779.	2.1	13
64	Intestinal Epithelial Chemokine (C-C Motif) Ligand 7 Overexpression Enhances Acetaminophen-Induced Hepatotoxicity in Mice. American Journal of Pathology, 2020, 190, 57-67.	3.8	13
65	Lipid raft-associated α -adducin is required for PSGL-1-mediated neutrophil rolling on P-selectin. Journal of Leukocyte Biology, 2015, 97, 297-306.	3.3	11
66	β -Catenin phosphorylation at Y654 and Y142 is crucial for high mobility group box-1 protein-induced pulmonary vascular hyperpermeability. Journal of Molecular and Cellular Cardiology, 2019, 127, 174-184.	1.9	11
67	Rolipram Protects Mice from Gram-negative Bacterium Escherichia coli-induced Inflammation and Septic Shock. Scientific Reports, 2020, 10, 175.	3.3	10
68	CpG-Oligodeoxynucleotides Alleviate Tert-Butyl Hydroperoxide-Induced Macrophage Apoptosis by Regulating Mitochondrial Function and Suppressing ROS Production. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-19.	4.0	10
69	Regulation of Cdc42 signaling by the dopamine D2 receptor in a mouse model of Parkinson's disease. Aging Cell, 2022, 21, e13588.	6.7	10
70	Axin-1 binds to Caveolin-1 to regulate the LPS-induced inflammatory response in AT-I cells. Biochemical and Biophysical Research Communications, 2019, 513, 261-268.	2.1	9
71	MRP8/14 mediates macrophage efferocytosis through RAGE and Gas6/MFG-E8, and induces polarization via TLR4-dependent pathway. Journal of Cellular Physiology, 2021, 236, 1375-1390.	4.1	9
72	Identification of Radiotherapy-Associated Genes in Lung Adenocarcinoma by an Integrated Bioinformatics Analysis Approach. Frontiers in Molecular Biosciences, 2021, 8, 624575.	3.5	9

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73	Target of rapamycin complex 1 and Tap42-associated phosphatases are required for sensing changes in nitrogen conditions in the yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2017, 106, 938-948.	2.5	8
74	Differences in Lipopolysaccharides-Induced Inflammatory Response Between Mouse Embryonic Fibroblasts and Bone Marrow-Derived Macrophages. <i>Journal of Interferon and Cytokine Research</i> , 2019, 39, 375-382.	1.2	8
75	Data-Independent Acquisition-Based Quantitative Proteomics Analysis Reveals Dynamic Network Profiles during the Macrophage Inflammatory Response. <i>Proteomics</i> , 2020, 20, 1900203.	2.2	8
76	Integrin $\alpha 6$ -Targeted Magnetic Resonance Imaging of Hepatocellular Carcinoma in Mice. <i>Molecular Imaging and Biology</i> , 2020, 22, 864-872.	2.6	8
77	Rab20 is critical for bacterial lipoprotein tolerization-enhanced bactericidal activity in macrophages during bacterial infection. <i>Science China Life Sciences</i> , 2020, 63, 401-409.	4.9	7
78	An Early Neutrophil Recruitment into the Infectious Site Is Critical for Bacterial Lipoprotein Tolerance-Afforded Protection against Microbial Sepsis. <i>Journal of Immunology</i> , 2020, 204, 408-417.	0.8	7
79	<i>NKAIN2</i> functions as a novel tumor suppressor in prostate cancer. <i>Oncotarget</i> , 2016, 7, 63793-63803.	1.8	7
80	Rare case of omentum-wrapped abscess caused by a fish bone penetrating the terminal ileum. <i>World Journal of Gastroenterology</i> , 2014, 20, 11456.	3.3	7
81	CCR2 and CCR5 promote diclofenac-induced hepatotoxicity in mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019, 392, 287-297.	3.0	6
82	Role of testis-specific high-mobility-group protein in transcriptional regulation of inducible nitric oxide synthase expression in the liver of endotoxic shock mice. <i>FEBS Journal</i> , 2014, 281, 2202-2213.	4.7	5
83	TMBIM6, a potential virus target protein identified by integrated multiomics data analysis in SARS-CoV-2-infected host cells. <i>Aging</i> , 2021, 13, 9160-9185.	3.1	5
84	Using FRET to Study The Interaction Domain of TLR4 Binding to MD-2 in Living Cells*. <i>Progress in Biochemistry and Biophysics</i> , 2009, 36, 1451-1457.	0.3	4
85	Pinaverium Bromide Attenuates Lipopolysaccharide-Induced Excessive Systemic Inflammation via Inhibiting Neutrophil Priming. <i>Journal of Immunology</i> , 2021, 206, 1858-1865.	0.8	3
86	Involvement of p38 mitogen-activated protein kinase in the regulation of platelet-derived growth factor-induced cell migration. <i>Frontiers of Medicine in China</i> , 2007, 1, 248-252.	0.1	2
87	Arsenate-mediated G2 cell cycle arrest in U2 OS cells involves phosphorylation of human polycomb protein 2 by p38 MAPK. <i>FEBS Letters</i> , 2018, 592, 4087-4097.	2.8	2
88	Admission IL-32 concentration predicts severity and mortality of severe community-acquired pneumonia independently of etiology. <i>Clinica Chimica Acta</i> , 2020, 510, 647-653.	1.1	2
89	Intestinal epithelial chemokine (C-C motif) ligand 7 overexpression protects against high fat diet-induced obesity and hepatic steatosis in mice. <i>Chinese Medical Journal</i> , 2020, 133, 1805-1814.	2.3	2
90	Effect of PRAK gene knockout on the proliferation of mouse embryonic fibroblasts. <i>Frontiers of Medicine in China</i> , 2009, 3, 379-383.	0.1	1

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91	Mitogen-activated protein kinase pathway inhibitors: inhibitors for diseases?. Frontiers of Medicine in China, 2010, 4, 46-53.	0.1	1
92	The natural antisense transcript NATTD regulates the transcription of decapping scavenger (DcpS) enzyme. International Journal of Biochemistry and Cell Biology, 2019, 110, 103-110.	2.8	1
93	Antioxidant Fusion Protein SOD1-Tat Increases the Engraftment Efficiency of Total Bone Marrow Cells in Irradiated Mice. Molecules, 2021, 26, 3395.	3.8	1