Lin Zou

List of Publications by Year
in descending order

33 papers	888 citations	623734 14 h-index	477307 29 g-index
33 all docs	33 docs citations	33 times ranked	1266 citing authors

#	Article	IF	Citations
1	Role of Extracellular RNA and TLR3â€Trif Signaling in Myocardial Ischemiaâ€“Reperfusion Injury. Journal of the American Heart Association, 2014, 3, e000683.	3.7	128
2	Enhanced Loading of Functional miRNA Cargo via pH Gradient Modification of Extracellular Vesicles. Molecular Therapy, 2020, 28, 975-985.	8.2	102
3	Circulating Plasma Extracellular Vesicles from Septic Mice Induce Inflammation via MicroRNA- and TLR7-Dependent Mechanisms. Journal of Immunology, 2018, 201, 3392-3400.	0.8	88
4	Toll-like receptor 2 plays a critical role in cardiac dysfunction during polymicrobial sepsis*. Critical Care Medicine, 2010, 38, 1335-1342.	0.9	75
5	Complement Factor B Is the Downstream Effector of TLRs and Plays an Important Role in a Mouse Model of Severe Sepsis. Journal of Immunology, 2013, 191, 5625-5635.	0.8	73
6	Extracellular MicroRNAs Induce Potent Innate Immune Responses via TLR7/MyD88-Dependent Mechanisms. Journal of Immunology, 2017, 199, 2106-2117.	0.8	67
7	Cardiac RNA Induces Inflammatory Responses in Cardiomyocytes and Immune Cells via Toll-like Receptor 7 Signaling. Journal of Biological Chemistry, 2015, 290, 26688-26698.	3.4	50
8	Splenic RNA and MicroRNA Mimics Promote Complement Factor B Production and Alternative Pathway Activation via Innate Immune Signaling. Journal of Immunology, 2016, 196, 2788-2798.	0.8	33
9	Nonhematopoietic Toll-Like Receptor 2 Contributes to Neutrophil and Cardiac Function Impairment During Polymicrobial Sepsis. Shock, 2011, 36, 370-380.	2.1	32
10	Extracellular miR-146a-5p Induces Cardiac Innate Immune Response and Cardiomyocyte Dysfunction. ImmunoHorizons, 2020, 4, 561-572.	1.8	25
11	Targeting Toll-Like Receptors in Sepsis: From Bench to Clinical Trials. Antioxidants and Redox Signaling, 2021, 35, 1324-1339.	5.4	23
12	Toll-like Receptor 7 Contributes to Inflammation, Organ Injury, and Mortality in Murine Sepsis. Anesthesiology, 2019, 131, 105-118.	2.5	22
13	Tollâ€like receptorsÂ2 and 7 mediate coagulation activation and coagulopathy in murine sepsis. Journal of Thrombosis and Haemostasis, 2019, 17, 1683-1693.	3.8	21
14	Extended Anterolateral Thigh Flaps for Reconstruction of Extensive Defects of the Foot and Ankle. PLoS ONE, 2013, 8, e83696.	2.5	18
15	Brain innate immune response via miRNA-TLR7 sensing in polymicrobial sepsis. Brain, Behavior, and Immunity, 2022, 100, 10-24.	4.1	18
16	Role of extracellular microRNA-146a-5p in host innate immunity and bacterial sepsis. IScience, 2021, 24, 103441.	4.1	16
17	Minimally invasive unilateral versus bilateral technique in performing single-segment pedicle screw fixation and lumbar interbody fusion. Journal of Orthopaedic Surgery and Research, 2015, 10, 112.	2.3	15
18	Imaging Lymphoid Cell Death In Vivo During Polymicrobial Sepsis*. Critical Care Medicine, 2015, 43, 2303-2312.	0.9	14

#	Article	IF	Citations
19	TLR7 Mediates Acute Respiratory Distress Syndrome in Sepsis by Sensing Extracellular miR-146a. American Journal of Respiratory Cell and Molecular Biology, 2022, 67, 375-388.	2.9	12
20	Efficacy of Polymer Injection for Ischemic Mitral Regurgitation. JACC: Cardiovascular Interventions, 2015, 8, 355-363.	2.9	10
21	Importance of the Complement Alternative Pathway in Serum Chemotactic Activity During Sepsis. Shock, 2018, 50, 435-441.	2.1	10
22	miRâ€'30aâ€'5p mitigates autophagy by regulating theÂBeclinâ€'1/ATG16 pathway in renal ischemia/reperfusion injury. International Journal of Molecular Medicine, 2021, 48, .	4.0	8
23	Reduced Expression of SARM in Mouse Spleen during Polymicrobial Sepsis. Inflammation, 2016, 39, 1930-1938.	3.8	6
24	Hypobaria Exposure Worsens Cardiac Function and Endothelial Injury in AN Animal Model of Polytrauma: Implications for Aeromedical Evacuation. Shock, 2021, 56, 601-610.	2.1	6
25	Relationship between PI3K pathway and angiogenesis in CIA rat synovium. American Journal of Translational Research (discontinued), 2016, 8, 3141-7.	0.0	6
26	X609, a novel manassantin A derivative, exhibits antitumor activity in MG-63 human osteosarcoma cells in vitro and in vivo. Molecular Medicine Reports, 2015, 12, 3115-3120.	2.4	4
27	Caveolin-1 is critical in the proliferative effect of leptin on osteoblasts through the activation of Akt. Molecular Medicine Reports, 2016, 14, 1915-1922.	2.4	3
28	Lipopeptide PAM3CYS4 Synergizes N-Formyl-Met-Leu-Phe (fMLP)-Induced Calcium Transients in Mouse Neutrophils. Shock, 2018, 50, 493-499.	2.1	2
29	Improved C3-4 transfer for treatment of root avulsion of the brachial plexus upper trunk: Animal experiments and clinical application. Neural Regeneration Research, 2012, 7, 1545-55.	3.0	1
30	The role of myeloid differentiation factor 88 on mitochondrial dysfunction of peritoneal leukocytes during polymicrobial sepsis. Central-European Journal of Immunology, 2016, 2, 153-158.	1.2	0
31	Septic cardiomyopathy is improved by enhancing cardiomyocyte denitrosylation capacity. FASEB Journal, 2013, 27, 921.8.	0.5	0
32	Interplay between complement factor B and Tollâ€like receptors and its role in septic cardiomyopathy. FASEB Journal, 2013, 27, 652.6.	0.5	0
33	Extracellular RNA Induces Complement Factor B in Macrophages via MyD88. FASEB Journal, 2015, 29, 507.9.	0.5	0