Zhongqing Chen

List of Publications by Year
in descending order

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45	1,423	361296	345118
papers	citations	20 h-index	36 g-index

51	51	51	1951
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sirt1 Inhibits Oxidative Stress in Vascular Endothelial Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	1.9	181
2	SIRT1/3 Activation by Resveratrol Attenuates Acute Kidney Injury in a Septic Rat Model. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	1.9	117
3	Diagnostic value of neutrophil gelatinase-associated lipocalin, cystatin C, and soluble triggering receptor expressed on myeloid cells-1 in critically ill patients with sepsis-associated acute kidney injury. Critical Care, 2015, 19, 223.	2.5	82
4	Erector spinae plane block for postoperative analgesia in breast and thoracic surgery: A systematic review and meta-analysis. Journal of Clinical Anesthesia, 2020, 66, 109900.	0.7	79
5	SIRT1-mediated HMGB1 deacetylation suppresses sepsis-associated acute kidney injury. American Journal of Physiology - Renal Physiology, 2019, 316, F20-F31.	1.3	76
6	Polydatin Protecting Kidneys against Hemorrhagic Shock-Induced Mitochondrial DysfunctionviaSIRT1 Activation and p53 Deacetylation. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	1.9	61
7	Emerging role of SIRT3 in mitochondrial dysfunction and cardiovascular diseases. Free Radical Research, 2019, 53, 139-149.	1.5	61
8	p53 Deacetylation Alleviates Sepsis-Induced Acute Kidney Injury by Promoting Autophagy. Frontiers in Immunology, 2021, 12, 685523.	2.2	56
9	Polydatin Inhibits Mitochondrial Dysfunction in the Renal Tubular Epithelial Cells of a Rat Model of Sepsis-Induced Acute Kidney Injury. Anesthesia and Analgesia, 2015, 121, 1251-1260.	1.1	51
10	Polydatin ameliorates injury to the small intestine induced by hemorrhagic shock via SIRT3 activation-mediated mitochondrial protection. Expert Opinion on Therapeutic Targets, 2016, 20, 645-652.	1.5	47
11	Propofolâ€induced miRâ€219â€5p inhibits growth and invasion of hepatocellular carcinoma through suppression of GPC3â€mediated Wnt/Î²â€catenin signalling activation. Journal of Cellular Biochemistry, 2019, 120, 16934-16945.	1.2	42
12	Sirt1 Protects Endothelial Cells against LPS-Induced Barrier Dysfunction. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	1.9	39
13	Polydatin Alleviates Small Intestine Injury during Hemorrhagic Shock as a SIRT1 Activator. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-12.	1.9	35
14	Polydatin protects against lipopolysaccharide-induced endothelial barrier disruption via SIRT3 activation. Laboratory Investigation, 2020, 100, 643-656.	1.7	33
15	Polydatin mediates Parkin-dependent mitophagy and protects against mitochondria-dependent apoptosis in acute respiratory distress syndrome. Laboratory Investigation, 2019, 99, 819-829.	1.7	32
16	Melatonin and its analogues for the prevention of postoperative delirium: A systematic review and metaâ€analysis. Journal of Pineal Research, 2020, 68, e12644.	3.4	30
17	Protective Effect of Polydatin Against Burn-Induced Lung Injury in Rats. Respiratory Care, 2014, 59, 1412-1421.	0.8	29
18	Heat stress induces RIP1/RIP3-dependent necroptosis through the MAPK, NF-ÎºB, and c-Jun signaling pathways in pulmonary vascular endothelial cells. Biochemical and Biophysical Research Communications, 2020, 528, 206-212.	1.0	26

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19	Melatonin Attenuates Sepsis-Induced Small-Intestine Injury by Upregulating SIRT3-Mediated Oxidative-Stress Inhibition, Mitochondrial Protection, and Autophagy Induction. Frontiers in Immunology, 2021, 12, 625627.	2.2	25
20	Polydatin: a new therapeutic agent against multiorgan dysfunction. Journal of Surgical Research, 2015, 198, 192-199.	0.8	23
21	The Pyruvate Dehydrogenase Complex in Sepsis: Metabolic Regulation and Targeted Therapy. Frontiers in Nutrition, 2021, 8, 783164.	1.6	22
22	C-reactive protein promotes vascular endothelial dysfunction partly via activating adipose tissue inflammation in hyperlipidemic rabbits. International Journal of Cardiology, 2013, 168, 2397-2403.	0.8	18
23	Ulinastatin inhibits oxidant-induced endothelial hyperpermeability and apoptotic signaling. International Journal of Clinical and Experimental Pathology, 2014, 7, 7342-50.	0.5	18
24	Polydatin attenuates ipopolysaccharide-induced acute lung injury in rats. International Journal of Clinical and Experimental Pathology, 2014, 7, 8401-10.	0.5	18
25	Remimazolam reduces sepsis-associated acute liver injury by activation of peripheral benzodiazepine receptors and p38 inhibition of macrophages. International Immunopharmacology, 2021, 101, 108331.	1.7	17
26	A Prediction Model for Assessing Prognosis in Critically Ill Patients with Sepsis-associated Acute Kidney Injury. Shock, 2021, 56, 564-572.	1.0	16
27	Protein Kinase C and Calmodulin Serve As Calcium Sensors for Calcium-Stimulated Endocytosis at Synapses. Journal of Neuroscience, 2019, 39, 9478-9490.	1.7	15
28	Polydatin: a new therapeutic agent against multiorgan dysfunction. Journal of Surgical Research, 2015, 198, 192-199.	0.8	15
29	Necrostatin-1 accelerates time to death in a rat model of cecal ligation and puncture and massively increases hepatocyte caspase-3 cleavage. American Journal of Physiology - Renal Physiology, 2019, 316, G551-G561.	1.6	14
30	Emerging Evidence concerning the Role of Sirtuins in Sepsis. Critical Care Research and Practice, 2018, 2018, 1-8.	0.4	12
31	Novel Insights into the Molecular Features and Regulatory Mechanisms of Mitochondrial Dynamic Disorder in the Pathogenesis of Cardiovascular Disease. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-11.	1.9	12
32	Effects of ex vivo Extracorporeal Membrane Oxygenation Circuits on Sequestration of Antimicrobial Agents. Frontiers in Medicine, 2021, 8, 748769.	1.2	12
33	The Value of Thromboelastography in the Diagnosis of Sepsis-Induced Coagulopathy. Clinical and Applied Thrombosis/Hemostasis, 2020, 26, 107602962095184.	0.7	11
34	Ulinastatin mediates protection against vascular hyperpermeability following hemorrhagic shock. International Journal of Clinical and Experimental Pathology, 2015, 8, 7685-93.	0.5	8
35	Low plasma leptin level at admission predicts delirium in critically ill patients: A prospective cohort study. Peptides, 2017, 93, 27-32.	1.2	7
36	Apocynin protects endothelial cells from endoplasmic reticulum stress-induced apoptosis via IRE1Î± engagement. Molecular and Cellular Biochemistry, 2018, 449, 257-265.	1.4	7

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37	NFâ€Î²B/IÎ²BÎ± signaling pathways are essential for resistance to heat stressâ€'induced ROS production in pulmonary microvascular endothelial cells. Molecular Medicine Reports, 2021, 24, .	1.1	7
38	Impact of UCP2 depletion on heat stroke-induced mitochondrial function in human umbilical vein endothelial cells. International Journal of Hyperthermia, 2022, 39, 287-296.	1.1	7
39	The Pyruvate Dehydrogenase Complex Mitigates LPS-Induced Endothelial Barrier Dysfunction by Metabolic Regulation. Shock, 2022, 57, 308-317.	1.0	7
40	Drag-reducing polyethylene oxide improves microcirculation after hemorrhagic shock. Journal of Surgical Research, 2016, 202, 118-125.	0.8	6
41	Risk Factors for Enterococcal Intra-Abdominal Infections and Outcomes in Intensive Care Unit Patients. Surgical Infections, 2021, 22, 845-853.	0.7	5
42	Hypertension in Patients Hospitalized with COVID-19 in Wuhan, China. International Heart Journal, 2021, 62, 337-343.	0.5	4
43	The effect of continuous venovenous hemofiltration on neutrophil gelatinase-associated lipocalin plasma levels in patients with septic acute kidney injury. BMC Nephrology, 2016, 17, 154.	0.8	2
44	Risk Factors for Mortality in Abdominal Infection Patients in ICU: A Retrospective Study From 2011 to 2018. Frontiers in Medicine, 2022, 9, 839284.	1.2	2
45	Thromboelastography Parameters as Predictors for Long-Term Survival in Critically Ill Patients. Clinical and Applied Thrombosis/Hemostasis, 2019, 25, 107602961987602.	0.7	0