Jiachang Hu

List of Publications by Year
in descending order

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32 papers	1,029 citations	516710 16 h-index	454955 30 g-index
37 all docs	37 docs citations	37 times ranked	1584 citing authors

#	Article	IF	Citations
1	Global Incidence and Outcomes of Adult Patients With Acute Kidney Injury After Cardiac Surgery: A Systematic Review and Meta-Analysis. Journal of Cardiothoracic and Vascular Anesthesia, 2016, 30, 82-89.	1.3	200
2	miR-21 Protects Against Ischemia/Reperfusion-Induced Acute Kidney Injury by Preventing Epithelial Cell Apoptosis and Inhibiting Dendritic Cell Maturation. Frontiers in Physiology, 2018, 9, 790.	2.8	91
3	Hyperuricemia increases the risk of acute kidney injury: a systematic review and meta-analysis. BMC Nephrology, 2017, 18, 27.	1.8	70
4	Indoxyl sulfate accelerates vascular smooth muscle cell calcification via microRNA-29b dependent regulation of Wnt/Î²-catenin signaling. Toxicology Letters, 2018, 284, 29-36.	0.8	67
5	MicroRNA-21 Is Required for Local and Remote Ischemic Preconditioning in Multiple Organ Protection Against Sepsis*. Critical Care Medicine, 2017, 45, e703-e710.	0.9	63
6	METTL14 aggravates podocyte injury and glomerulopathy progression through N6-methyladenosine-dependent downregulating of Sirt1. Cell Death and Disease, 2021, 12, 881.	6.3	55
7	Protection of remote ischemic preconditioning against acute kidney injury: a systematic review and meta-analysis. Critical Care, 2016, 20, 111.	5.8	47
8	Augmented O-GlcNAc signaling via glucosamine attenuates oxidative stress and apoptosis following contrast-induced acute kidney injury in rats. Free Radical Biology and Medicine, 2017, 103, 121-132.	2.9	47
9	Uncoupling protein 1 inhibits mitochondrial reactive oxygen species generation and alleviates acute kidney injury. EBioMedicine, 2019, 49, 331-340.	6.1	43
10	Renal Protection Mediated by Hypoxia Inducible Factor-1Î± Depends on Proangiogenesis Function of miR-21 by Targeting Thrombospondin 1. Transplantation, 2017, 101, 1811-1819.	1.0	39
11	Metabolic acidosis as a risk factor for the development of acute kidney injury and hospital mortality. Experimental and Therapeutic Medicine, 2017, 13, 2362-2374.	1.8	35
12	Hydrogen-Rich Saline Alleviates Kidney Fibrosis Following AKI and Retains Klotho Expression. Frontiers in Pharmacology, 2017, 8, 499.	3.5	30
13	Dysnatremia is an Independent Indicator of Mortality in Hospitalized Patients. Medical Science Monitor, 2017, 23, 2408-2425.	1.1	28
14	Effect of long nonâ€coding RNA growth arrestâ€specific 5 on apoptosis in renal ischaemia/reperfusion injury. Nephrology, 2019, 24, 405-413.	1.6	25
15	Syndecan-1 Shedding Inhibition to Protect Against Ischemic Acute Kidney Injury Through HGF Target Signaling Pathway. Transplantation, 2018, 102, e331-e344.	1.0	24
16	Electrolyte and acid-base disorders in cancer patients and its impact on clinical outcomes: evidence from a real-world study in China. Renal Failure, 2020, 42, 234-243.	2.1	23
17	Early Postoperative Serum Creatinine Adjusted for Fluid Balance Precisely Predicts Subsequent Acute Kidney Injury After Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2695-2702.	1.3	16
18	Amelioration of Uremic Toxin Indoxyl Sulfate-Induced Osteoblastic Calcification by SET Domain Containing Lysine Methyltransferase 7/9 Protein. Nephron, 2019, 141, 287-294.	1.8	15

#	Article	IF	Citations
19	Application of group LASSO regression based Bayesian networks in risk factors exploration and disease prediction for acute kidney injury in hospitalized patients with hematologic malignancies. BMC Nephrology, 2020, 21, 162.	1.8	15
20	Prediction models for acute kidney injury in patients with gastrointestinal cancers: a real-world study based on Bayesian networks. Renal Failure, 2020, 42, 869-876.	2.1	14
21	Chronic Kidney Disease Exacerbates Myocardial Ischemia Reperfusion Injury: Role of Endoplasmic Reticulum Stress-Mediated Apoptosis. Shock, 2018, 49, 712-720.	2.1	12
22	Delayed Ischemic Preconditioning Attenuated Renal Ischemia-Reperfusion Injury by Inhibiting Dendritic Cell Maturation. Cellular Physiology and Biochemistry, 2018, 46, 1807-1820.	1.6	11
23	Estimating 24-Hour Urinary Sodium Excretion From Spot Urine Samples in Chronic Kidney Disease Patients. , 2020, 30, 11-21.		11
24	Decreased percentage of peripheral naÃ¯ve T cells is independently associated with ischemic stroke in patients on hemodialysis. International Urology and Nephrology, 2017, 49, 2051-2060.	1.4	9
25	Factors associated with the elevated percentage of CD4CD69 T cells in maintained hemodialysis patients. Renal Failure, 2017, 39, 547-554.	2.1	9
26	Remote Ischemic Preconditioning Ameliorates Acute Kidney Injury due to Contrast Exposure in Rats through Augmented O-GlcNAcylation. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15.	4.0	7
27	Decreased percentage of memory B cells is independently associated with increased susceptibility to infection in patients on maintenance hemodialysis. International Urology and Nephrology, 2018, 50, 2081-2090.	1.4	6
28	A novel scoring system for assessing the severity of electrolyte and acid-base disorders and predicting outcomes in hospitalized patients. Journal of Investigative Medicine, 2019, 67, 750-760.	1.6	6
29	Association Between Syndecan-1, Fluid Overload, and Progressive Acute Kidney Injury After Adult Cardiac Surgery. Frontiers in Medicine, 2021, 8, 648397.	2.6	5
30	Volume-associated hemodynamic variables for prediction of cardiac surgery-associated acute kidney injury. Clinical and Experimental Nephrology, 2020, 24, 798-805.	1.6	4
31	Hemodilution is associated with underestimation of serum creatinine in cardiac surgery patients: a retrospective analysis. BMC Cardiovascular Disorders, 2021, 21, 61.	1.7	2
32	Rationale and validation of predicting high sodium intake by spot urinary chloride in patients with chronic kidney disease. Clinical Nutrition ESPEN, 2021, 45, 284-291.	1.2	0