

Lei Du

List of Publications by Year in descending order

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39
papers

426
citations

840728

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h-index

839512

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all docs

45
docs citations

45
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the severity of acute kidney injury after on-pump cardiac surgery. <i>Journal of Clinical Anesthesia</i> , 2022, 78, 110664.	1.6	9
2	Empagliflozin Protects against Pulmonary Ischemia/Reperfusion Injury via an Extracellular Signal-Regulated Kinases 1 and 2-Dependent Mechanism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2022, 380, 230-241.	2.5	13
3	Perfusion of brain and viscera using modified retrograde cerebral perfusion for aortic arch surgery. <i>Perfusion (United Kingdom)</i> , 2022, , 026765912210921.	1.0	1
4	Protective effect of remote liver ischemic postconditioning on pulmonary ischemia and reperfusion injury in diabetic and non-diabetic rats. <i>PLoS ONE</i> , 2022, 17, e0268571.	2.5	1
5	Remote liver ischemic preconditioning attenuates myocardial ischemia/reperfusion injury in streptozotocin-induced diabetic rats. <i>Scientific Reports</i> , 2021, 11, 1903.	3.3	11
6	Retrograde inferior vena caval perfusion for total aortic arch replacement surgery: a randomized pilot study. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 193.	1.7	5
7	Postoperative Nadir Hemoglobin and Adverse Outcomes in Patients Undergoing On-Pump Cardiac Operation. <i>Annals of Thoracic Surgery</i> , 2021, 112, 708-716.	1.3	7
8	Remote limb ischaemic conditioning produces cardioprotection in rats with testicular ischaemia—reperfusion injury. <i>Experimental Physiology</i> , 2021, 106, 2223-2234.	2.0	6
9	Tranexamic acid after cardiopulmonary bypass does not increase risk of postoperative seizures: a retrospective study. <i>General Thoracic and Cardiovascular Surgery</i> , 2021, , 1.	0.9	1
10	Empagliflozin protects the heart against ischemia/reperfusion-induced sudden cardiac death. <i>Cardiovascular Diabetology</i> , 2021, 20, 199.	6.8	38
11	Distribution and relative expression of vasoactive receptors on arteries. <i>Scientific Reports</i> , 2020, 10, 15383.	3.3	9
12	City lockdown and nationwide intensive community screening are effective in controlling the COVID-19 epidemic: Analysis based on a modified SIR model. <i>PLoS ONE</i> , 2020, 15, e0238411.	2.5	17
13	Premobilization of CD133+ progenitors is associated with attenuated inflammation-induced pulmonary dysfunction following extracorporeal circulation in mice. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020, 31, 210-220.	1.1	0
14	Total body retrograde perfusion during hypothermic circulatory arrest is unsafe. <i>Perfusion (United Kingdom)</i> , 2020, 35, 1010-1015.	1.0	3
15	Transfusion of Red Blood Cells, Fresh Frozen Plasma, or Platelets Is Associated With Mortality and Infection After Cardiac Surgery in a Dose-Dependent Manner. <i>Anesthesia and Analgesia</i> , 2020, 130, 488-497.	2.2	50
16	Platelet-leukocyte aggregate is associated with adverse events after surgical intervention for rheumatic heart disease. <i>Scientific Reports</i> , 2019, 9, 13069.	3.3	9
17	Peak urea level, leukocyte count and use of invasive ventilation as risk factors of mortality in acute pancreatitis: A retrospective study. <i>PLoS ONE</i> , 2019, 14, e0216562.	2.5	1
18	Retrograde Inferior Vena caval Perfusion for Total Aortic arch Replacement Surgery (RIVP-TARS): study protocol for a multicenter, randomized controlled trial. <i>Trials</i> , 2019, 20, 232.	1.6	8

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19	VEGF attenuates lung injury by inducing homing of CD133+ progenitors via VEGFR1. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 650-657.	2.1	8
20	Risk of massive blood product requirement in cardiac surgery. <i>Medicine (United States)</i> , 2019, 98, e14219.	1.0	19
21	Combining Cerebral Perfusion With Retrograde Inferior Vena Caval Perfusion for Aortic Arch Surgery. <i>Annals of Thoracic Surgery</i> , 2019, 107, e67-e69.	1.3	9
22	Hydrogen protects lung from hypoxia/re-oxygenation injury by reducing hydroxyl radical production and inhibiting inflammatory responses. <i>Scientific Reports</i> , 2018, 8, 8004.	3.3	22
23	A novel catheter with retractable stent that can prevent aortic insufficiency during left ventricular assist. <i>PLoS ONE</i> , 2018, 13, e0194658.	2.5	0
24	Platelets protect lung from injury induced by systemic inflammatory response. <i>Scientific Reports</i> , 2017, 7, 42080.	3.3	24
25	Vasopressors induce passive pulmonary hypertension by blood redistribution from systemic to pulmonary circulation. <i>Basic Research in Cardiology</i> , 2017, 112, 21.	5.9	7
26	Rephrasing the Question of Whether Blood Transfusion Increases Risk of Adverse Outcomes after Cardiac Surgery. <i>Anesthesiology</i> , 2017, 126, 569-570.	2.5	0
27	A Novel Minimal Invasive Mouse Model of Extracorporeal Circulation. <i>Mediators of Inflammation</i> , 2015, 2015, 1-9.	3.0	7
28	Modified Leukocyte Filter Removes Tumor Cells from the Salvaged Blood. <i>PLoS ONE</i> , 2015, 10, e0130864.	2.5	12
29	Lack of Efficacy of Ulinastatin Therapy During Cardiopulmonary Bypass Surgery. <i>Chinese Medical Journal</i> , 2015, 128, 3138-3142.	2.3	11
30	Mannitolâ€¦adenineâ€¦phosphate: a novel solution for intraoperative blood salvage. <i>Transfusion</i> , 2014, 54, 1146-1152.	1.6	14
31	Endothelial Progenitor Cell Homing Decreases Postoperative Complications in Patients Undergoing Cardiac Surgery with Cardiopulmonary Bypass. <i>Journal of Anesthesia and Perioperative Medicine</i> , 2014, 1, 15-24.	0.2	5
32	Modified hypothermic circulatory arrest for emergent repair of acute aortic dissection type a: a single-center experience. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 125.	1.1	18
33	Long-Term Leukocyte Filtration Should Be Avoided during Extracorporeal Circulation. <i>Mediators of Inflammation</i> , 2013, 2013, 1-7.	3.0	7
34	Protamine Dosage Based on Two Titrations Reduces Blood Loss After Valve Replacement Surgery: A Prospective, Double-Blinded, Randomized Study. <i>Canadian Journal of Cardiology</i> , 2012, 28, 547-552.	1.7	17
35	Actin Filament Reorganization Is a Key Step in Lung Inflammation Induced by Systemic Inflammatory Response Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 597-603.	2.9	36
36	Aprotinin combined with nitric oxide and prostaglandin E1 protects the canine kidney from cardiopulmonary bypass-induced injury. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 38, 98-103.	1.4	5

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37	Blood hibernation: a novel strategy to inhibit systemic inflammation and coagulation induced by cardiopulmonary bypass. Chinese Medical Journal, 2010, 123, 1741-7.	2.3	4
38	Which is better to preserve pulmonary function: Short-term or prolonged leukocyte depletion during cardiopulmonary bypass?. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 1385-1391.	0.8	11
39	Synergistic myoprotection of L-arginine and adenosine in a canine model of global myocardial ischaemic reperfusion injury. Chinese Medical Journal, 2007, 120, 1975-81.	2.3	0