Lian Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7080390/publications.pdf

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29	412	840585 11	794469 19
papers	citations	h-index	g-index

31	31	31	600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Strategies to Decrease the Oxidative Toxicity of Hemoglobin-based Oxygen Carriers. Regenerative Medicine, Artificial Cells and Nanomedicine, 2022, , 529-540.	0.7	0
2	A triply modified human adult hemoglobin with low oxygen affinity, rapid autoxidation and high tetramer stability. International Journal of Biological Macromolecules, 2020, 159, 236-242.	3.6	5
3	The P₅₀ value detected by the oxygenation-dissociation analyser and blood gas analyser. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 867-874.	1.9	10
4	Improved flowing behaviour and gas exchange of stored red blood cells by a compound porous structure. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1888-1897.	1.9	3
5	Cryopreserved platelets augment the inflammatory response: role of phosphatidylserineâ€•and Pâ€selectinâ€“mediated platelet phagocytosis in macrophages. Transfusion, 2019, 59, 1799-1808.	0.8	11
6	Acute high-altitude exposure shortens survival after uncontrolled hemorrhagic shock in rats. Journal of Surgical Research, 2018, 226, 150-156.	0.8	4
7	Conjugation with 20â€‰kDa dextran decreases the autoxidation rate of bovine hemoglobin. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1436-1443.	1.9	6
8	In vitro and in vivo investigation of the novel Dex-bHb as oxygen carriers. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, S133-S137.	1.9	2
9	Pyruvate is a prospective alkalizer to correct hypoxic lactic acidosis. Military Medical Research, 2018, 5, 13.	1.9	18
10	Influence of polydopamine-mediated surface modification on oxygen-release capacity of haemoglobin-based oxygen carriers. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 484-492.	1.9	15
11	RBC aggregation in dextran solutions canÂbe measured by flow cytometry. Clinical Hemorheology and Microcirculation, 2017, 65, 93-101.	0.9	6
12	C-type natriuretic peptide prevents kidney injury and attenuates oxidative and inflammatory responses in hemorrhagic shock. Amino Acids, 2017, 49, 347-354.	1.2	12
13	Early resuscitation with exendin-4 alleviates acute lung injury after hemorrhagic shock in rats. Journal of Surgical Research, 2017, 216, 73-79.	0.8	2
14	Reactive oxygen species-responsive polymeric nanoparticles for alleviating sepsis-induced acute liver injury in mice. Biomaterials, 2017, 144, 30-41.	5.7	83
15	Carboxyfullerene nanoparticles alleviate acute hepatic injury in severe hemorrhagic shock. Biomaterials, 2017, 112, 72-81.	5.7	20
16	A PEGylated bovine hemoglobin as a potent hemoglobinâ€based oxygen carrier. Biotechnology Progress, 2017, 33, 252-260.	1.3	18
17	Effects of Plasma-lyte A, lactated Ringer's, and normal saline on acid-base status and intestine injury in the initial treatment of hemorrhagic shock. American Journal of Emergency Medicine, 2017, 35, 317-321.	0.7	8
18	Addition of Sodium Pyruvate to Stored Red Blood Cells Attenuates Liver Injury in a Murine Transfusion Model. Mediators of Inflammation, 2016, 2016, 1-9.	1.4	12

#	Article	IF	Citations
19	The mechanical properties of stored red blood cells measured by a convenient microfluidic approach combining with mathematic model. Biomicrofluidics, 2016, 10, 024104.	1.2	9
20	Gradually increased oxygen administration promoted survival after hemorrhagic shock. Experimental Biology and Medicine, 2016, 241, 1603-1610.	1.1	5
21	Preparation, characterization and in vivo investigation of blood-compatible hemoglobin-loaded nanoparticles as oxygen carriers. Colloids and Surfaces B: Biointerfaces, 2016, 139, 171-179.	2.5	36
22	Effects of sodium pyruvate on ameliorating metabolic acidosis. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 48-55.	1.9	4
23	Effects of synthetic colloid and crystalloid solutions on hemorheology in vitro and in hemorrhagic shock. European Journal of Medical Research, 2015, 20, 13.	0.9	9
24	Hypertonic Saline Dextran Ameliorates Organ Damage in Beagle Hemorrhagic Shock. PLoS ONE, 2015, 10, e0136012.	1.1	12
25	A fresh frozen plasma to red blood cell transfusion ratio of 1:1 mitigates lung injury in a rat model of damage control resuscitation for hemorrhagic shock. American Journal of Emergency Medicine, 2015, 33, 754-759.	0.7	5
26	Gradually Increased Oxygen Administration Improved Oxygenation and Mitigated Oxidative Stress after Resuscitation from Severe Hemorrhagic Shock. Anesthesiology, 2015, 123, 1122-1132.	1.3	17
27	Addition of haptoglobin to RBCs storage, a new strategy to improve quality of stored RBCs and transfusion. Medical Hypotheses, 2014, 82, 125-128.	0.8	7
28	Effects of synthetic colloids on oxidative stress and inflammatory response in hemorrhagic shock: comparison of hydroxyethyl starch 130/0.4, hydroxyethyl starch 200/0.5, and succinylated gelatin. Critical Care, 2013, 17, R141.	2.5	38
29	Regulation of blood viscosity in disease prevention and treatment. Science Bulletin, 2012, 57, 1946-1952.	1.7	33