Hernando GÃ“mez

List of Publications by Year
in descending order

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44 papers	8,878 citations	304602 22 h-index	265120 42 g-index
44 all docs	44 docs citations	44 times ranked	18705 citing authors

#	Article	IF	Citations
1	Association of Metformin Use During Hospitalization and Mortality in Critically Ill Adults With Type 2 Diabetes Mellitus and Sepsis*. Critical Care Medicine, 2022, 50, 935-944.	0.4	9
2	Sepsis with liver dysfunction and coagulopathy predicts an inflammatory pattern of macrophage activation. Intensive Care Medicine Experimental, 2022, 10, 6.	0.9	11
3	Uncommon Causes of Acute Kidney Injury. Critical Care Clinics, 2022, 38, 317-347.	1.0	1
4	Subtypes and Mimics of Sepsis. Critical Care Clinics, 2022, 38, 195-211.	1.0	17
5	The Pathogenesis of Ischemia-Reperfusion Induced Acute Kidney Injury Depends on Renal Neutrophil Recruitment Whereas Sepsis-Induced AKI Does Not. Frontiers in Immunology, 2022, 13, 843782.	2.2	8
6	Meta-Analysis Comparing Right Ventricular Function as a Predictor of Mortality in Patients With Sepsis. American Journal of Cardiology, 2022, , .	0.7	0
7	ECMO and Impella Support Strategies as a Bridge to Surgical Repair of Post-Infarction Ventricular Septal Rupture. Medicina (Lithuania), 2022, 58, 611.	0.8	10
8	The Microcirculatory Response to Endotoxemia and Resuscitation Is a Marker of Regional Renal Perfusion, Renal Metabolic Stress, and Tubular Injury. Antioxidants and Redox Signaling, 2021, 35, 1407-1425.	2.5	3
9	Innovations and Emerging Therapies to Combat Renal Cell Damage: NAD⁺ As a Drug Target. Antioxidants and Redox Signaling, 2021, 35, 1449-1466.	2.5	7
10	Sepsis-Associated Acute Kidney Injury. Critical Care Clinics, 2021, 37, 279-301.	1.0	80
11	Metabolic Reprogramming and Host Tolerance: A Novel Concept to Understand Sepsis-Associated AKI. Journal of Clinical Medicine, 2021, 10, 4184.	1.0	12
12	Effects of 5% Albumin Plus Saline Versus Saline Alone on Outcomes From Large-Volume Resuscitation in Critically Ill Patients. Critical Care Medicine, 2021, 49, 79-90.	0.4	11
13	The Janus faces of bicarbonate therapy in the ICU: con. Intensive Care Medicine, 2020, 46, 519-521.	3.9	2
14	Activation of AMPâ€activated protein kinase during sepsis/inflammation improves survival by preserving cellular metabolic fitness. FASEB Journal, 2020, 34, 7036-7057.	0.2	42
15	Acute kidney injury from sepsis: current concepts, epidemiology, pathophysiology, prevention and treatment. Kidney International, 2019, 96, 1083-1099.	2.6	649
16	Derivation, Validation, and Potential Treatment Implications of Novel Clinical Phenotypes for Sepsis. JAMA - Journal of the American Medical Association, 2019, 321, 2003.	3.8	753
17	Mechanisms of Organ Dysfunction in Sepsis. Critical Care Clinics, 2018, 34, 63-80.	1.0	145
18	Characterization of Blood Volume Space and Mitochondrial Activity in Functional Renal Cells. IFAC-PapersOnLine, 2018, 51, 118-119.	0.5	2

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19	Metabolic reprogramming and tolerance during sepsis-induced AKI. Nature Reviews Nephrology, 2017, 13, 143-151.	4.1	113
20	Insulin-like growth factor binding protein 7 and tissue inhibitor of metalloproteinases-2: differential expression and secretion in human kidney tubule cells. American Journal of Physiology - Renal Physiology, 2017, 312, F284-F296.	1.3	94
21	Between chromatin and SNPs: genetic variability and the susceptibility to acute kidney injury. Critical Care, 2017, 21, 138.	2.5	1
22	The impact of red blood cell storage duration on tissue oxygenation in cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 610-619.e2.	0.4	15
23	Precision medicine for all? Challenges and opportunities for a precision medicine approach to critical illness. Critical Care, 2017, 21, 257.	2.5	105
24	Mildly elevated lactate levels are associated with microcirculatory flow abnormalities and increased mortality: a microSOAP post hoc analysis. Critical Care, 2017, 21, 255.	2.5	29
25	The Endothelium in Sepsis. Shock, 2016, 45, 259-270.	1.0	453
26	Sepsis-induced acute kidney injury. Current Opinion in Critical Care, 2016, 22, 546-553.	1.6	213
27	Mitochondrial Function in Sepsis. Shock, 2016, 45, 271-281.	1.0	142
28	Sepsis results in an altered renal metabolic and osmolyte profile. Journal of Surgical Research, 2016, 202, 8-12.	0.8	45
29	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
30	Real-time visual analysis of microvascular blood flow for critical care. , 2015, , .		3
31	The Role of Energy Regulation in the Tubular Epithelial Cell Response to Sepsis. Nephron, 2015, 131, 255-258.	0.9	11
32	Postoperative Albumin. Critical Care Medicine, 2015, 43, 2680-2681.	0.4	2
33	Inhaled Carbon Monoxide Protects against the Development of Shock and Mitochondrial Injury following Hemorrhage and Resuscitation. PLoS ONE, 2015, 10, e0135032.	1.1	17
34	Lactate in Sepsis. JAMA - Journal of the American Medical Association, 2015, 313, 194.	3.8	24
35	Adenosine monophosphate-activated protein kinase activation protects against sepsis-induced organ injury and inflammation. Journal of Surgical Research, 2015, 194, 262-272.	0.8	91
36	Effects of inhalation of low-dose nitrite or carbon monoxide on post-reperfusion mitochondrial function and tissue injury in hemorrhagic shock swine. Critical Care, 2015, 19, 184.	2.5	10

#	ARTICLE	IF	CITATIONS
37	Inhaled, nebulized sodium nitrite protects in murine and porcine experimental models of hemorrhagic shock and resuscitation by limiting mitochondrial injury. Nitric Oxide - Biology and Chemistry, 2015, 51, 7-18.	1.2	8
38	Understanding Acid Base Disorders. Critical Care Clinics, 2015, 31, 849-860.	1.0	33
39	A Unified Theory of Sepsis-Induced Acute Kidney Injury. Shock, 2014, 41, 3-11.	1.0	602
40	Polymicrobial sepsis is associated with decreased hepatic oxidative phosphorylation and an altered metabolic profile. Journal of Surgical Research, 2014, 186, 297-303.	0.8	28
41	Augmenting Autophagy to Treat Acute Kidney Injury during Endotoxemia in Mice. PLoS ONE, 2013, 8, e69520.	1.1	96
42	Physiologic responses to severe hemorrhagic shock and theÂgenesis of cardiovascular collapse: Can irreversibility beÂanticipated?. Journal of Surgical Research, 2012, 178, 358-369.	0.8	27
43	Characterization of tissue oxygen saturation and the vascular occlusion test: influence of measurement sites, probe sizes and deflation thresholds. Critical Care, 2009, 13, S3.	2.5	77
44	Use of non-invasive NIRS during a vascular occlusion test to assess dynamic tissue O2 saturation response. Intensive Care Medicine, 2008, 34, 1600-1607.	3.9	176