

Anja Metzger

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

512
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Non-invasive Cerebrovascular Status Algorithm to Estimate Cerebral Perfusion Pressure and Intracranial Pressure in a Porcine Model of Focal Brain Injury. <i>Military Medicine</i> , 2018, 183, 119-123.	0.8	1
2	Reperfusion injury protection during Basic Life Support improves circulation and survival outcomes in a porcine model of prolonged cardiac arrest. <i>Resuscitation</i> , 2016, 105, 29-35.	3.0	8
3	The Effect of Head Up Cardiopulmonary Resuscitation on Cerebral and Systemic Hemodynamics. <i>Resuscitation</i> , 2016, 102, 29-34.	3.0	47
4	Effect of regulating airway pressure on intrathoracic pressure and vital organ perfusion pressure during cardiopulmonary resuscitation: a non-randomized interventional cross-over study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2015, 23, 83.	2.6	22
5	Intrathoracic Pressure Regulation Improves Cerebral Perfusion and Cerebral Blood Flow in a Porcine Model of Brain Injury. <i>Shock</i> , 2015, 44, 96-102.	2.1	18
6	Evaluation of Zoll Medical's ResQ CPR System for cardiopulmonary resuscitation. <i>Expert Review of Medical Devices</i> , 2015, 12, 505-516.	2.8	1
7	Enhanced Perfusion During Advanced Life Support Improves Survival With Favorable Neurologic Function in a Porcine Model of Refractory Cardiac Arrest. <i>Critical Care Medicine</i> , 2015, 43, 1087-1095.	0.9	12
8	Tilting for perfusion: Head-up position during cardiopulmonary resuscitation improves brain flow in a porcine model of cardiac arrest. <i>Resuscitation</i> , 2015, 87, 38-43.	3.0	52
9	Harnessing Cardiopulmonary Interactions to Improve Circulation and Outcomes After Cardiac Arrest and Other States of Low Blood Pressure. , 2015, , 699-723.		0
10	Biphasic intra-thoracic pressure regulation augments cardiac index during porcine peritonitis: a feasibility study. <i>Journal of Medical Engineering and Technology</i> , 2014, 38, 49-54.	1.4	2
11	“Fluidless” resuscitation with permissive hypotension via impedance threshold device therapy compared with normal saline resuscitation in a porcine model of severe hemorrhage. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 75, S203-S209.	2.1	8
12	Use of respiratory impedance in prehospital care of hypotensive patients associated with hemorrhage and trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, S54-S59.	2.1	11
13	Improving microcirculation with therapeutic intrathoracic pressure regulation in a porcine model of hemorrhage. <i>Resuscitation</i> , 2011, 82, S16-S22.	3.0	6
14	Intrathoracic Pressure Regulation Improves 24-Hour Survival in a Pediatric Porcine Model of Hemorrhagic Shock. <i>Pediatric Research</i> , 2011, 70, 267-271.	2.3	5
15	Optimizing the Respiratory Pump: Harnessing Inspiratory Resistance to Treat Systemic Hypotension. <i>Respiratory Care</i> , 2011, 56, 846-857.	1.6	56
16	Harnessing Cardiopulmonary Interactions to Improve Circulation and Outcomes After Cardiac Arrest and Other States of Low Blood Pressure. , 2009, , 583-604.		0
17	Intrathoracic Pressure Regulation Improves 24-Hour Survival in a Porcine Model of Hypovolemic Shock. <i>Anesthesia and Analgesia</i> , 2007, 104, 157-162.	2.2	36
18	Inspiratory resistance maintains arterial pressure during central hypovolemia: Implications for treatment of patients with severe hemorrhage. <i>Critical Care Medicine</i> , 2007, 35, 1145-1152.	0.9	54

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19	Intrathoracic pressure regulation for intracranial pressure management in normovolemic and hypovolemic pigs. <i>Critical Care Medicine</i> , 2006, 34, S495-S500.	0.9	47
20	Intrathoracic pressure regulation improves vital organ perfusion pressures in normovolemic and hypovolemic pigs. <i>Resuscitation</i> , 2006, 70, 445-453.	3.0	51
21	Intrathoracic Pressure Regulator During Continuous-Chest-Compression Advanced Cardiac Resuscitation Improves Vital Organ Perfusion Pressures in a Porcine Model of Cardiac Arrest. <i>Circulation</i> , 2005, 112, 803-811.	1.6	75