Anja Metzger

List of Publications by Year
in descending order

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	Intrathoracic Pressure Regulator During Continuous-Chest-Compression Advanced Cardiac Resuscitation Improves Vital Organ Perfusion Pressures in a Porcine Model of Cardiac Arrest. Circulation, 2005, 112, 803-811.	1.6	75
2	Optimizing the Respiratory Pump: Harnessing Inspiratory Resistance to Treat Systemic Hypotension. Respiratory Care, 2011, 56, 846-857.	1.6	56
3	Inspiratory resistance maintains arterial pressure during central hypovolemia: Implications for treatment of patients with severe hemorrhage. Critical Care Medicine, 2007, 35, 1145-1152.	0.9	54
4	Tilting for perfusion: Head-up position during cardiopulmonary resuscitation improves brain flow in a porcine model of cardiac arrest. Resuscitation, 2015, 87, 38-43.	3.0	52
5	Intrathoracic pressure regulation improves vital organ perfusion pressures in normovolemic and hypovolemic pigs. Resuscitation, 2006, 70, 445-453.	3.0	51
6	Intrathoracic pressure regulation for intracranial pressure management in normovolemic and hypovolemic pigs. Critical Care Medicine, 2006, 34, S495-S500.	0.9	47
7	The Effect of Head Up Cardiopulmonary Resuscitation on Cerebral and Systemic Hemodynamics. Resuscitation, 2016, 102, 29-34.	3.0	47
8	Intrathoracic Pressure Regulation Improves 24-Hour Survival in a Porcine Model of Hypovolemic Shock. Anesthesia and Analgesia, 2007, 104, 157-162.	2.2	36
9	Effect of regulating airway pressure on intrathoracic pressure and vital organ perfusion pressure during cardiopulmonary resuscitation: a non-randomized interventional cross-over study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 83.	2.6	22
10	Intrathoracic Pressure Regulation Improves Cerebral Perfusion and Cerebral Blood Flow in a Porcine Model of Brain Injury. Shock, 2015, 44, 96-102.	2.1	18
11	Enhanced Perfusion During Advanced Life Support Improves Survival With Favorable Neurologic Function in a Porcine Model of Refractory Cardiac Arrest. Critical Care Medicine, 2015, 43, 1087-1095.	0.9	12
12	Use of respiratory impedance in prehospital care of hypotensive patients associated with hemorrhage and trauma. Journal of Trauma and Acute Care Surgery, 2012, 73, S54-S59.	2.1	11
13	â€œFluidlessâ€•resuscitation with permissive hypotension via impedance threshold device therapy compared with normal saline resuscitation in a porcine model of severe hemorrhage. Journal of Trauma and Acute Care Surgery, 2013, 75, S203-S209.	2.1	8
14	Reperfusion injury protection during Basic Life Support improves circulation and survival outcomes in a porcine model of prolonged cardiac arrest. Resuscitation, 2016, 105, 29-35.	3.0	8
15	Improving microcirculation with therapeutic intrathoracic pressure regulation in a porcine model of hemorrhage. Resuscitation, 2011, 82, S16-S22.	3.0	6
16	Intrathoracic Pressure Regulation Improves 24-Hour Survival in a Pediatric Porcine Model of Hemorrhagic Shock. Pediatric Research, 2011, 70, 267-271.	2.3	5
17	Biphasic intra-thoracic pressure regulation augments cardiac index during porcine peritonitis: a feasibility study. Journal of Medical Engineering and Technology, 2014, 38, 49-54.	1.4	2
18	Evaluation of Zoll Medicalâ€™s ResQCPR System for cardiopulmonary resuscitation. Expert Review of Medical Devices, 2015, 12, 505-516.	2.8	1

#	Article	IF	Citations
19	Development of a Non-invasive Cerebrovascular Status Algorithm to Estimate Cerebral Perfusion Pressure and Intracranial Pressure in a Porcine Model of Focal Brain Injury. Military Medicine, 2018, 183, 119-123.	0.8	1
20	Harnessing Cardiopulmonary Interactions to Improve Circulation and Outcomes After Cardiac Arrest and Other States of Low Blood Pressure. , 2009, , 583-604.		0
21	Harnessing Cardiopulmonary Interactions to Improve Circulation and Outcomes After Cardiac Arrest and Other States of Low Blood Pressure. , 2015, , 699-723.		0