Jane Mulligan

List of Publications by Year
in descending order

27 papers	718 citations	687363 13 h-index	713466 21 g-index
28 all docs	28 docs citations	28 times ranked	467 citing authors

#	Article	IF	Citations
1	The compensatory reserve index predicts recurrent shock in patients with severe dengue. BMC Medicine, 2022, 20, 109.	5.5	2
2	Low postnatal CRI values are associated with the need for ECMO in newborns with CDH. Journal of Pediatric Surgery, 2020, 55, 39-44.	1.6	4
3	Validation of a noninvasive monitor to continuously trend individual responses to hypovolemia. Russian Journal of Pediatric Surgery Anesthesia and Intensive Care, 2020, 9, 11-25.	0.1	0
4	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
5	Noninvasive monitoring of physiologic compromise in acute appendicitis: New insight into an old disease. Journal of Pediatric Surgery, 2018, 53, 241-246.	1.6	11
6	Validation of a noninvasive monitor to continuously trend individual responses to hypovolemia. Journal of Trauma and Acute Care Surgery, 2017, 83, S104-S111.	2.1	11
7	The Compensatory Reserve Index Following Injury. Shock, 2016, 46, 61-67.	2.1	34
8	The Effect of Passive Heat Stress and Exercise-Induced Dehydration on the Compensatory Reserve During Simulated Hemorrhage. Shock, 2016, 46, 74-82.	2.1	15
9	State-of-the-art monitoring in treatment of dengue shock syndrome: a case series. Journal of Medical Case Reports, 2016, 10, 233.	0.8	19
10	Comparison of compensatory reserve during lower-body negative pressure and hemorrhage in nonhuman primates. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R1154-R1159.	1.8	32
11	Individual-Specific, Beat-to-beat Trending of Significant Human Blood Loss. Shock, 2015, 44, 27-32.	2.1	64
12	A Noninvasive Computational Method for Fluid Resuscitation Monitoring in Pediatric Burns. Journal of Burn Care and Research, 2015, 36, 145-150.	0.4	10
13	Detection of low-volume blood loss. Journal of Trauma and Acute Care Surgery, 2014, 77, 892-898.	2.1	57
14	Respiratory pump contributes to increased physiological reserve for compensation during simulated haemorrhage. Experimental Physiology, 2014, 99, 1421-1426.	2.0	20
15	Panoramic video stitching from commodity HDTV cameras. Multimedia Systems, 2013, 19, 407-426.	4.7	22
16	Estimation of individual-specific progression to impending cardiovascular instability using arterial waveforms. Journal of Applied Physiology, 2013, 115, 1196-1202.	2.5	92
17	Detecting and classifying blurred image regions. , 2013, , .		3
18	Running on empty? The compensatory reserve index. Journal of Trauma and Acute Care Surgery, 2013, 75, 1053-1059.	2.1	88

#	Article	IF	Citations
19	A Sensitive Shock Index for Real-Time Patient Assessment During Simulated Hemorrhage. Aviation, Space, and Environmental Medicine, 2013, 84, 907-912.	0.5	31
20	Promoting early diagnosis of hemodynamic instability during simulated hemorrhage with the use of a real-time decision-assist algorithm. Journal of Trauma and Acute Care Surgery, 2013, 75, S184-S189.	2.1	19
21	A segmentation guided label propagation scheme for autonomous navigation. , 2010, , .		6
22	Coping with imbalanced training data for improved terrain prediction in autonomous outdoor robot navigation. , 2010, , .		8
23	Performance evaluation of color correction approaches for automatic multi-view image and video stitching. , 2010, , .		116
24	A fast multi-channel edge detection algorithm for vision-based autonomous spacecraft docking. , 2009, , .		0
25	Augmenting Exercise Systems with Virtual Exercise Environment. Lecture Notes in Computer Science, 2009, , 490-499.	1.3	2
26	Stereo Analysis. , 2006, , 115-132.		0
27	Trinocular Stereo: A Real-Time Algorithm and its Evaluation. International Journal of Computer Vision, 2002, 47, 51-61.	15.6	44