

Jane Mulligan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Performance evaluation of color correction approaches for automatic multi-view image and video stitching. , 2010, , .		116
2	Estimation of individual-specific progression to impending cardiovascular instability using arterial waveforms. Journal of Applied Physiology, 2013, 115, 1196-1202.	2.5	92
3	Running on empty? The compensatory reserve index. Journal of Trauma and Acute Care Surgery, 2013, 75, 1053-1059.	2.1	88
4	Individual-Specific, Beat-to-beat Trending of Significant Human Blood Loss. Shock, 2015, 44, 27-32.	2.1	64
5	Detection of low-volume blood loss. Journal of Trauma and Acute Care Surgery, 2014, 77, 892-898.	2.1	57
6	Trinocular Stereo: A Real-Time Algorithm and its Evaluation. International Journal of Computer Vision, 2002, 47, 51-61.	15.6	44
7	The Compensatory Reserve Index Following Injury. Shock, 2016, 46, 61-67.	2.1	34
8	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
9	A Sensitive Shock Index for Real-Time Patient Assessment During Simulated Hemorrhage. Aviation, Space, and Environmental Medicine, 2013, 84, 907-912.	0.5	31
10	Panoramic video stitching from commodity HDTV cameras. Multimedia Systems, 2013, 19, 407-426.	4.7	22
11	Respiratory pump contributes to increased physiological reserve for compensation during simulated haemorrhage. Experimental Physiology, 2014, 99, 1421-1426.	2.0	20
12	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
13	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
14	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
15	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
16	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
17	A Noninvasive Computational Method for Fluid Resuscitation Monitoring in Pediatric Burns. Journal of Burn Care and Research, 2015, 36, 145-150.	0.4	10
18	Coping with imbalanced training data for improved terrain prediction in autonomous outdoor robot navigation. , 2010, , .		8

#	ARTICLE	IF	CITATIONS
19	A segmentation guided label propagation scheme for autonomous navigation. , 2010, , .		6
20	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
21	Detecting and classifying blurred image regions. , 2013, , .		3
22	Augmenting Exercise Systems with Virtual Exercise Environment. Lecture Notes in Computer Science, 2009, , 490-499.	1.3	2
23	The compensatory reserve index predicts recurrent shock in patients with severe dengue. BMC Medicine, 2022, 20, 109.	5.5	2
24	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
25	Stereo Analysis. , 2006, , 115-132.		0
26	A fast multi-channel edge detection algorithm for vision-based autonomous spacecraft docking. , 2009, , .		0
27	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