Luisa F SÃ¡nchez-Peralta

List of Publications by Year
in descending order

20 papers	318 citations	933264 10 h-index	839398 18 g-index
21 all docs	21 docs citations	21 times ranked	318 citing authors

#	Article	IF	Citations
1	Artificial Intelligence for Colorectal Polyps in Colonoscopy. , 2022, , 967-981.		2
2	Novel Pixelwise Co-Registered Hematoxylin-Eosin and Multiphoton Microscopy Image Dataset for Human Colon Lesion Diagnosis. Journal of Pathology Informatics, 2022, 13, 100012.	0.8	5
3	Medical needs related to the endoscopic technology and colonoscopy for colorectal cancer diagnosis. BMC Cancer, 2021, 21, 467.	1.1	6
4	Autofluorescence Image Reconstruction and Virtual Staining for In-Vivo Optical Biopsying. IEEE Access, 2021, 9, 32081-32093.	2.6	12
5	Artificial Intelligence for Colorectal Polyps in Colonoscopy. , 2021, , 1-15.		2
6	Deep learning to find colorectal polyps in colonoscopy: A systematic literature review. Artificial Intelligence in Medicine, 2020, 108, 101923.	3.8	92
7	Unravelling the effect of data augmentation transformations in polyp segmentation. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1975-1988.	1.7	23
8	Eigenloss: Combined PCA-Based Loss Function for Polyp Segmentation. Mathematics, 2020, 8, 1316.	1.1	12
9	PICCOLO White-Light and Narrow-Band Imaging Colonoscopic Dataset: A Performance Comparative of Models and Datasets. Applied Sciences (Switzerland), 2020, 10, 8501.	1.3	41
10	Can effective pedagogy be ensured in minimally invasive surgery e-learning?. Minimally Invasive Therapy and Allied Technologies, 2020, , 1-11.	0.6	3
11	Validation of the three web quality dimensions of a minimally invasive surgery e-learning platform. International Journal of Medical Informatics, 2017, 107, 1-10.	1.6	12
12	Approaches towards training in human risk management of surgical technology. Biomedizinische Technik, 2016, 61, 221-31.	0.9	1
13	TELMA: Technology-enhanced learning environment for minimally invasive surgery. Journal of Surgical Research, 2013, 182, 21-29.	0.8	7
14	E-Learning and Multimedia Contents for Minimally Invasive Surgery Learning. International Journal of E-Health and Medical Communications, 2013, 4, 80-93.	1.4	0
15	Learning curves of basic laparoscopic psychomotor skills in SINERGIA VR simulator. International Journal of Computer Assisted Radiology and Surgery, 2012, 7, 881-889.	1.7	12
16	Effects of pneumoperitoneum and body position on the morphology of abdominal vascular structures analyzed in MRI. Journal of Magnetic Resonance Imaging, 2012, 36, 177-182.	1.9	5
17	Decomposition and analysis of laparoscopic suturing task using tool-motion analysis (TMA): improving the objective assessment. International Journal of Computer Assisted Radiology and Surgery, 2012, 7, 305-313.	1.7	25
18	Anatomical changes due to pneumoperitoneum analyzed by MRI: an experimental study in pigs. Surgical and Radiologic Anatomy, 2011, 33, 389-396.	0.6	39

#	Article	IF	Citations
19	Validation of SINERGIA as training tool: a randomized study to test the transfer of acquired basic psychomotor skills to LapMentor. International Journal of Computer Assisted Radiology and Surgery, 2011, 6, 839-846.	1.7	5
20	Construct and face validity of SINERGIA laparoscopic virtual reality simulator. International Journal of Computer Assisted Radiology and Surgery, 2010, 5, 307-315.	1.7	13