J Blas Pagador

List of Publications by Year
in descending order

43	698	759233	580821
papers	citations	12 h-index	25 g-index

47	47	47	760
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cardiovascular Circulatory System and Left Carotid Model: A Fractional Approach to Disease Modeling. Fractal and Fractional, 2022, 6, 64.	3.3	9
2	Artificial Intelligence for Colorectal Polyps in Colonoscopy. , 2022, , 967-981.		2
3	Improving Cell Viability and Velocity in Î¼-Extrusion Bioprinting with a Novel Pre-Incubator Bioprinter and a Standard FDM 3D Printing Nozzle. Materials, 2021, 14, 3100.	2.9	7
4	Lapnurseâ€"A Blended Learning Course for Nursing Education in Minimally Invasive Surgery: Design and Expertsâ€™ Preliminary Validation of Its Online Theoretical Module. Healthcare (Switzerland), 2021, 9, 951.	2.0	0
5	Artificial Intelligence for Colorectal Polyps in Colonoscopy. , 2021, , 1-15.		2
6	Temperature and Humidity PID Controller for a Bioprinter Atmospheric Enclosure System. Micromachines, 2020, 11, 999.	2.9	11
7	Bioink Temperature Influence on Shear Stress, Pressure and Velocity Using Computational Simulation. Processes, 2020, 8, 865.	2.8	15
8	Deep learning to find colorectal polyps in colonoscopy: A systematic literature review. Artificial Intelligence in Medicine, 2020, 108, 101923.	6.5	92
9	Hydrogels for Bioprinting: A Systematic Review of Hydrogels Synthesis, Bioprinting Parameters, and Bioprinted Structures Behavior. Frontiers in Bioengineering and Biotechnology, 2020, 8, 776.	4.1	93
10	Unravelling the effect of data augmentation transformations in polyp segmentation. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1975-1988.	2.8	23
11	Eigenloss: Combined PCA-Based Loss Function for Polyp Segmentation. Mathematics, 2020, 8, 1316.	2.2	12
12	PICCOLO White-Light and Narrow-Band Imaging Colonoscopic Dataset: A Performance Comparative of Models and Datasets. Applied Sciences (Switzerland), 2020, 10, 8501.	2.5	41
13	Can effective pedagogy be ensured in minimally invasive surgery e-learning?. Minimally Invasive Therapy and Allied Technologies, 2020, , 1-11.	1.2	3
14	Comparative Study of the Use of Different Sizes of an Ergonomic Instrument Handle for Laparoscopic Surgery. Applied Sciences (Switzerland), 2020, 10, 1526.	2.5	12
15	Validation of the online theoretical module of a minimally invasive surgery blended learning course for nurses: A quantitative research study. Nurse Education Today, 2020, 89, 104406.	3.3	9
16	Computational Fluid Dynamics Study of Inlet Velocity on Extrusion-Based Bioprinting. IFMBE Proceedings, 2020, , 531-540.	0.3	2
17	Using Eye Tracking to Analyze Surgeonsâ€™ Cognitive Workload During an Advanced Laparoscopic Procedure. IFMBE Proceedings, 2020, , 3-12.	0.3	1
18	Validation of the three web quality dimensions of a minimally invasive surgery e-learning platform. International Journal of Medical Informatics, 2017, 107, 1-10.	3.3	12

#	Article	IF	Citations
19	Preoperative and Intraoperative Spatial Reasoning Support with 3D Organ and Vascular Models. , 2017, , 1911-1934.		0
20	Fluid Structural Analysis of Urine Flow in a Stented Ureter. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-7.	1.3	14
21	Approaches towards training in human risk management of surgical technology. Biomedizinische Technik, 2016, 61, 221-31.	0.8	1
22	Validation of a simulator for temporomandibular joint arthroscopy. International Journal of Oral and Maxillofacial Surgery, 2016, 45, 836-841.	1.5	10
23	Preoperative and Intraoperative Spatial Reasoning Support with 3D Organ and Vascular Models. International Journal of Creative Interfaces and Computer Graphics, 2015, 6, 56-82.	0.1	2
24	A method to assess upper-body postural variability in laparoscopic surgery. , 2014, , .		1
25	Usefulness of an Optical Tracking System in Laparoscopic Surgery for Motor Skills Assessment. CirugÃa EspaÃ±ola (English Edition), 2014, 92, 421-428.	0.1	13
26	Utilidad de un sistema de seguimiento Ã³ptico de instrumental en cirugÃa laparoscÃ³pica para evaluaciÃ³n de destrezas motoras. CirugÃa EspaÃ±ola, 2014, 92, 421-428.	0.2	14
27	Ergonomics Problems Due to the Use and Design of Dissector and Needle Holder. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2014, 24, e170-e177.	0.8	11
28	Technical Evaluation of a Third Generation Optical Pose Tracker for Motion Analysis and Image-Guided Surgery. Lecture Notes in Computer Science, 2013, , 75-82.	1.3	3
29	E-Learning and Multimedia Contents for Minimally Invasive Surgery Learning. International Journal of E-Health and Medical Communications, 2013, 4, 80-93.	1.6	0
30	Learning curves of basic laparoscopic psychomotor skills in SINERGIA VR simulator. International Journal of Computer Assisted Radiology and Surgery, 2012, 7, 881-889.	2.8	12
31	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.	3.4	5
32	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.	2.8	25
33	Methods and Tools for Objective Assessment of Psychomotor Skills in Laparoscopic Surgery. Journal of Surgical Research, 2011, 171, e81-e95.	1.6	124
34	Anatomical changes due to pneumoperitoneum analyzed by MRI: an experimental study in pigs. Surgical and Radiologic Anatomy, 2011, 33, 389-396.	1.2	39
35	Augmented reality haptic (ARH): an approach of electromagnetic tracking in minimally invasive surgery. International Journal of Computer Assisted Radiology and Surgery, 2011, 6, 257-263.	2.8	18
36	Electronic device for endosurgical skills training (EDEST): study of reliability. International Journal of Computer Assisted Radiology and Surgery, 2011, 6, 367-374.	2.8	1

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37	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.	2.8	5
38	Video-based assistance system for training in minimally invasive surgery. Minimally Invasive Therapy and Allied Technologies, 2011, 20, 197-205.	1.2	17
39	Construct and face validity of SINERGIA laparoscopic virtual reality simulator. International Journal of Computer Assisted Radiology and Surgery, 2010, 5, 307-315.	2.8	13
40	Ergonomic Assessment of Hand Movements in Laparoscopic Surgery Using the CyberGloveÂ®. , 2010, , 121-128.		15
41	Virtual reality thread simulation for laparoscopic suturing training. Studies in Health Technology and Informatics, 2006, 119, 144-9.	0.3	3
42	Active contour on the basis of inertia. , 2004, , .		1
43	Analysis of tissue consistency perception for laparoscopic simulator design. International Congress Series, 2004, 1268, 401-406.	0.2	2