

Juan A Juanes

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

734

citations

14

h-index

25

g-index

100

ext. papers

1,008

ext. citations

3.9

avg, IF

4.42

L-index

#	Paper	IF	Citations
67	Nursing Students' Perceptions on Healthcare-Associated Infection Control and Prevention Teaching and Learning Experience: Development and Validation of a Scale in Four European Countries. <i>Frontiers in Psychology</i> , 2021 , 12, 701208	3.4	1
66	App Design and Implementation for Learning Human Anatomy Through Virtual and Augmented Reality. <i>Advances in Human and Social Aspects of Technology Book Series</i> , 2021 , 72-87	0.2	1
65	Nextmed: Automatic Imaging Segmentation, 3D Reconstruction, and 3D Model Visualization Platform Using Augmented and Virtual Reality. <i>Sensors</i> , 2020 , 20,	3.8	15
64	Development of a Smart Splint to Monitor Different Parameters during the Treatment Process. <i>Sensors</i> , 2020 , 20,	3.8	2
63	Review of the main surgical and angiographic-oriented classifications of the course of the internal carotid artery through a novel interactive 3D model. <i>Neurosurgical Review</i> , 2020 , 43, 473-482	3.9	2
62	Application of PDF Software with 3D Functionalities in Radiological Models of the Skull Base: Characteristics, Experience and Solutions. <i>Journal of Medical Systems</i> , 2019 , 43, 103	5.1	1
61	Monitoring an Analysis of Perturbations in Fusion Deposition Modelling (FDM) Processes for the Use of Biomaterials. <i>Journal of Medical Systems</i> , 2019 , 43, 109	5.1	6
60	Computer Application of Ultrasound and Nuclear Magnetic Resonance Images for the Anatomical Learning of the Pelvis and the Female Pelvic Floor. <i>Journal of Medical Systems</i> , 2019 , 43, 110	5.1	3
59	Advances in the Visualization and the Study of the Pyramidal Tract with Magnetic Resonance Tractography. <i>Journal of Medical Systems</i> , 2019 , 43, 106	5.1	
58	Design of a Functional Splint for Rehabilitation of Achilles Tendon Injury Using Advanced Manufacturing (AM) Techniques. Implementation Study. <i>Journal of Medical Systems</i> , 2019 , 43, 122	5.1	4
57	Geometric Model for the Postural Characterization in the Sagittal Plane of Lumbar Raquis. <i>Journal of Medical Systems</i> , 2019 , 43, 130	5.1	1
56	Novel Technique Based on Fused Filament Fabrication (FFF) and Robocasting to Create Composite Medical Parts. <i>Journal of Medical Systems</i> , 2019 , 43, 120	5.1	3
55	Fostering Student's Engagement and Active Learning in Neuroscience Education. <i>Journal of Medical Systems</i> , 2019 , 43, 66	5.1	6
54	Design of Thermoplastic Oral Appliance With Mouth Opening Control to Treat Obstructive Sleep Apnea 2019 ,		1
53	NextMed, Augmented and Virtual Reality platform for 3D medical imaging visualization 2019 ,		3
52	A Virtual Learning Environment for the spasticity treatment techniques improvement 2019 ,		1
51	Analysis and Fem Simulation Methodology of Dynamic Behavior of Human Rotator Cuff in Repetitive Routines: Musician Case Study. <i>Journal of Medical Systems</i> , 2018 , 42, 55	5.1	5

50	Virtual Reality as an Educational and Training Tool for Medicine. <i>Journal of Medical Systems</i> , 2018 , 42, 50	5.1	76
49	Design of an Orthopedic Product by Using Additive Manufacturing Technology: The Arm Splint. <i>Journal of Medical Systems</i> , 2018 , 42, 54	5.1	36
48	Advances in the Study of the Middle Cranial Fossa through Cutting Edge Neuroimaging Techniques. <i>Journal of Medical Systems</i> , 2018 , 42, 38	5.1	1
47	3D Models of Female Pelvis Structures Reconstructed and Represented in Combination with Anatomical and Radiological Sections. <i>Journal of Medical Systems</i> , 2018 , 42, 37	5.1	5
46	Different Digitalization Techniques for 3D Printing of Anatomical Pieces. <i>Journal of Medical Systems</i> , 2018 , 42, 46	5.1	3
45	Advantages and Disadvantages in Image Processing with Free Software in Radiology. <i>Journal of Medical Systems</i> , 2018 , 42, 36	5.1	9
44	Neuronavigation Software to visualize and surgically approach brain structures 2018 ,		1
43	Design and prototyping by additive manufacturing of a functional splint for rehabilitation of Achilles tendon intrasubstance rupture 2018 ,		4
42	Finite Element Simulation and Analysis of the behavior under load of a human shoulder 2018 ,		1
41	Learning with mobile technologies [Students]behavior. <i>Computers in Human Behavior</i> , 2017 , 72, 612-620	7.7	142
40	3D Digitization and Prototyping of the Skull for Practical Use in the Teaching of Human Anatomy. <i>Journal of Medical Systems</i> , 2017 , 41, 83	5.1	6
39	New Generation of Three-Dimensional Tools to Learn Anatomy. <i>Journal of Medical Systems</i> , 2017 , 41, 88	5.1	5
38	Use of Information and Communication Technologies in Clinical Practice Related to the Treatment of Pain. Influence on the Professional Activity and the Doctor-Patient Relationship. <i>Journal of Medical Systems</i> , 2017 , 41, 77	5.1	5
37	Virtual Reality Educational Tool for Human Anatomy. <i>Journal of Medical Systems</i> , 2017 , 41, 76	5.1	43
36	Computerized-Aid Medical Training 2017 , 434-450		
35	Virtual reality medical training system 2016 ,		11
34	Anatomical-Ultrasound Visor for Regional Anaesthesia. <i>Journal of Medical Systems</i> , 2016 , 40, 158	5.1	2
33	Digital Environment for Movement Control in Surgical Skill Training. <i>Journal of Medical Systems</i> , 2016 , 40, 133	5.1	9

32	Effects of Mobile Learning in Medical Education: A Counterfactual Evaluation. <i>Journal of Medical Systems</i> , 2016 , 40, 136	5.1	54
31	Acquisition of Competencies by Medical Students in Neurological Emergency Simulation Environments Using High Fidelity Patient Simulators. <i>Journal of Medical Systems</i> , 2016 , 40, 139	5.1	6
30	Building Computer-Based Experiments in Psychology without Programming Skills. <i>Journal of Medical Systems</i> , 2016 , 40, 148	5.1	1
29	Morphological and Volumetric Assessment of Cerebral Ventricular System with 3D Slicer Software. <i>Journal of Medical Systems</i> , 2016 , 40, 154	5.1	14
28	Computer Applications in Health Science Education. <i>Journal of Medical Systems</i> , 2015 , 39, 97	5.1	11
27	Computer-Based Visualization System for the Study of Deep Brain Structures Involved in Parkinson's Disease. <i>Journal of Medical Systems</i> , 2015 , 39, 151	5.1	3
26	Synopsis of discussion session on defining a new quality protocol for medical apps 2015 ,		7
25	Mobile Devices and Apps, Characteristics and Current Potential on Learning. <i>Journal of Information Technology Research</i> , 2015 , 8, 26-37	0.7	17
24	Practical applications of movement control technology in the acquisition of clinical skills 2015 ,		2
23	Analysis of the oculus rift device as a technological resource in medical training through clinical practice 2015 ,		4
22	A simulation environment using a simulator mannequin for the acquisition of skills by medical students in traumatic brain injury 2015 ,		1
21	3D interactive model of lumbar spinal structures of anesthetic interest. <i>Clinical Anatomy</i> , 2015 , 28, 205-225		20
20	Enhancing neuroanatomy education using computer-based instructional material. <i>Computers in Human Behavior</i> , 2014 , 31, 446-452	7.7	22
19	Computed anatomical modelling of the optic pathway and oculomotor system using magnetic resonance imaging. <i>Journal of Neuroradiology</i> , 2014 , 41, 168-76	3.1	5
18	Technological Advances and Teaching Innovation Applied to Health Science Education. <i>Journal of Information Technology Research</i> , 2014 , 7, 1-6	0.7	1
17	A systematic review of using mobile devices in medical education 2014 ,		7
16	Augmented reality techniques, using mobile devices, for learning human anatomy 2014 ,		11
15	Open Source Applications for Image Visualization and Processing in Neuroimaging Training. <i>Journal of Information Technology Research</i> , 2014 , 7, 75-87	0.7	1

14	An Update on Health Information Technology. <i>Journal of Information Technology Research</i> , 2014 , 7, 63-74.	0.7	4
13	Computerized-Aid Medical Training. <i>Journal of Information Technology Research</i> , 2014 , 7, 36-51	0.7	
12	Technological advances and teaching innovation applied to health science education 2013 ,		4
11	Cerebrospinal fluid volume and nerve root vulnerability during lumbar puncture or spinal anaesthesia at different vertebral levels. <i>Anaesthesia and Intensive Care</i> , 2012 , 40, 643-7	1.1	15
10	Experimental evidence for improved neuroimaging interpretation using three-dimensional graphic models. <i>Anatomical Sciences Education</i> , 2012 , 5, 132-7	6.8	57
9	Teaching of the physical and technical bases of imaging diagnosis using a multimedia application (Macromedia Director): the opinion of the students. <i>British Journal of Educational Technology</i> , 2005 , 36, 107-109	4.3	
8	Variations in the cellular proliferation of prolactin cells from late pregnancy to lactation in rats. <i>Annals of Anatomy</i> , 2003 , 185, 97-101	2.9	9
7	Cell proliferation and apoptosis of thyroid follicular cells are involved in the involution of experimental non-tumoral hyperplastic goiter. <i>Anatomy and Embryology</i> , 1998 , 198, 439-50		16
6	Coexistence of NADPH-diaphorase with tyrosine hydroxylase in hypothalamic magnocellular neurons of the rat. <i>Neuropeptides</i> , 1997 , 31, 227-30	3.3	14
5	Adrenalectomy increases the glial fibrillary acidic immunoreactive-elements in the ventricular ependyma and adjacent neuropil of the rat third ventricle. <i>Acta Histochemica</i> , 1995 , 97, 141-9	2	
4	Morphometric analysis of GH-immunoreactive cells after GH release induced by treatment with estrogen in adult male rats. <i>Acta Histochemica</i> , 1992 , 93, 271-6	2	1
3	Morphometrical variations of prolactin cells in response to prolonged and systemic administration of Met-enkephalin in female rats. <i>Anatomy and Embryology</i> , 1992 , 186, 99-105		4
2	Morphometric changes of specific located vasopressin-reacting parvicellular neurons in the paraventricular nucleus of the rat after adrenalectomy. <i>Neuropeptides</i> , 1990 , 17, 127-34	3.3	7
1	Technological Advances and Teaching Innovation Applied to Health Science Education	95-100	