

Jaime Riera Guasp

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

226
citations

1039406

9
h-index

1058022

14
g-index

25
all docs

25
docs citations

25
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Comments on "SPICE Model of Photomultiplier Tube Under Different Bias Conditions" IEEE Sensors Journal, 2021, 21, 17395-17402.	2.4	5
2	Effectiveness of flip teaching on engineering students' performance in the physics lab. Computers and Education, 2020, 144, 103708.	5.1	26
3	Data set on the effectiveness of flip teaching on engineering students' performance in the physics lab compared to Traditional Methodology. Data in Brief, 2020, 28, 104915.	0.5	10
4	A Ciliary Motility Index for Activity Measurement in Cell Cultures With Respiratory Syncytial Virus. American Journal of Rhinology and Allergy, 2019, 33, 121-128.	1.0	1
5	Validation of Student Peer Assessment of Effective Oral Communication in Engineering Degrees. Revista Iberoamericana De Tecnologías Del Aprendizaje, 2018, 13, 11-16.	0.7	3
6	STUDENTS' PERCEPTION OF AUTO-SCORED ONLINE EXAMS IN BLENDED ASSESSMENT: FEEDBACK FOR IMPROVEMENT. Educaci3n XXI, 2018, 21, .	0.3	2
7	Local deformation in a hydrogel induced by an external magnetic field. Journal of Materials Science, 2016, 51, 9979-9990.	1.7	6
8	Online exams for blended assessment. Study of different application methodologies. Computers and Education, 2015, 81, 296-303.	5.1	39
9	Primary ciliary dyskinesia assessment by means of optical flow analysis of phase-contrast microscopy images. Computerized Medical Imaging and Graphics, 2014, 38, 163-170.	3.5	8
10	Some learning objects to explain Kepler's laws. Computer Applications in Engineering Education, 2013, 21, 1-7.	2.2	2
11	Design and use of a learning object for finding complex polynomial roots. International Journal of Mathematical Education in Science and Technology, 2013, 44, 365-376.	0.8	0
12	Ciliary motility activity measurement using a dense optical flow algorithm. , 2013, 2013, 4446-9.		2
13	Optical flow method in phase-contrast microscopy images for the diagnosis of primary ciliary dyskinesia through measurement of ciliary beat frequency. Preliminary results. , 2012, , .		4
14	Fuzzy Control System to Solve Coupling Between Tracking and Predictive Algorithms. , 2011, , .		0
15	Fuzzy control for obstacle detection in stereo video sequences. Mathematical and Computer Modelling, 2011, 54, 1813-1817.	2.0	7
16	Fuzzy control for obstacle detection in object tracking. Mathematical and Computer Modelling, 2010, 52, 1228-1236.	2.0	6
17	Handling occlusion in object tracking in stereoscopic video sequences. Mathematical and Computer Modelling, 2009, 50, 823-830.	2.0	12
18	Handling occlusion in optical flow algorithms for object tracking. Computers and Mathematics With Applications, 2008, 56, 733-742.	1.4	15

#	ARTICLE	IF	CITATIONS
19	Testing theoretical models of magnetic damping using an air track. European Journal of Physics, 2008, 29, 335-343.	0.3	12
20	Measuring coupled oscillations using an automated video analysis technique based on image recognition. European Journal of Physics, 2005, 26, 1149-1155.	0.3	26
21	Using image recognition to automate video analysis of physical processes. American Journal of Physics, 2003, 71, 1075-1079.	0.3	14
22	Contribution of digital simulation in visualizing physics processes. Computer Applications in Engineering Education, 2002, 10, 45-49.	2.2	19
23	Digital simulation of wave motion. Computer Applications in Engineering Education, 2002, 10, 161-166.	2.2	7
24	El flujo óptico como herramienta para el video-análisis de fenómenos físicos. Modelling in Science Education and Learning, 0, 6, 97.	0.1	0
25	Mirando la Piedra Celta. Modelling in Science Education and Learning, 0, 7, 103.	0.1	0