

Andres Fuster-Guillo

List of Publications by Citations

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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.

42
papers

255
citations

10
h-index

14
g-index

46
ext. papers

328
ext. citations

2.8
avg, IF

3.45
L-index

#	Paper	IF	Citations
42	A collaborative working model for enhancing the learning process of science & engineering students. <i>Computers in Human Behavior</i> , 2020 , 103, 140-150	7.7	27
41	A comparative study of registration methods for RGB-D video of static scenes. <i>Sensors</i> , 2014 , 14, 8547-76.8	6.8	23
40	A Quantitative Comparison of Calibration Methods for RGB-D Sensors Using Different Technologies. <i>Sensors</i> , 2017 , 17,	3.8	16
39	Evaluating Impact on Motivation and Academic Performance of a Game-Based Learning Experience Using Kahoot. <i>Frontiers in Psychology</i> , 2019 , 10, 2843	3.4	15
38	Three-dimensional planar model estimation using multi-constraint knowledge based on k-means and RANSAC. <i>Applied Soft Computing Journal</i> , 2015 , 34, 572-586	7.5	14
37	A Novel Prediction Method for Early Recognition of Global Human Behaviour in Image Sequences. <i>Neural Processing Letters</i> , 2016 , 43, 363-387	2.4	13
36	A predictive model for recognizing human behaviour based on trajectory representation 2014 ,		13
35	EMAR: Multiplane 3D Marker based Registration for depth-sensing cameras. <i>Expert Systems With Applications</i> , 2015 , 42, 9353-9365	7.8	11
34	Human behaviour recognition based on trajectory analysis using neural networks 2013 ,		11
33	Evaluation of sampling method effects in 3D non-rigid registration. <i>Neural Computing and Applications</i> , 2017 , 28, 953-967	4.8	10
32	When Deep Learning Meets Data Alignment: A Review on Deep Registration Networks (DRNs). <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7524	2.6	10
31	3D non-rigid registration using color: Color Coherent Point Drift. <i>Computer Vision and Image Understanding</i> , 2018 , 169, 119-135	4.3	10
30	Group activity description and recognition based on trajectory analysis and neural networks 2016 ,		9
29	Self-Organizing Activity Description Map to represent and classify human behaviour 2015 ,		8
28	Use of mathematical morphology in real-time path planning. <i>Kybernetes</i> , 2002 , 31, 115-123	2	8
27	The university as an open data ecosystem. <i>International Journal of Design and Nature and Ecodynamics</i> , 2016 , 11, 250-257	2.3	8
26	Adjustable compression method for still JPEG images. <i>Signal Processing: Image Communication</i> , 2015 , 32, 16-32	2.8	6

25	Practical Method of Improving the Teamwork of Engineering Students Using Team Contracts to Minimize Conflict Situations. <i>IEEE Access</i> , 2019 , 7, 65083-65092	3.5	4
24	RGB-D-Based Framework to Acquire, Visualize and Measure the Human Body for Dietetic Treatments. <i>Sensors</i> , 2020 , 20,	3.8	4
23	. <i>IEEE Access</i> , 2021 , 9, 12968-12988	3.5	4
22	Model-Based Multi-view Registration for RGB-D Sensors. <i>Lecture Notes in Computer Science</i> , 2013 , 496-503	3	3
21	Deep Learning Architecture for Group Activity Recognition using Description of Local Motions* 2020 ,		3
20	Constrained self-organizing feature map to preserve feature extraction topology. <i>Neural Computing and Applications</i> , 2017 , 28, 439-459	4.8	2
19	A Novel Active Imaging Model to Design Visual Systems: A Case of Inspection System for Specular Surfaces. <i>Sensors</i> , 2017 , 17,	3.8	2
18	Non-rigid point set registration using color and data downsampling 2015 ,		2
17	Developing a data map for opening public sector information. <i>International Journal of Design and Nature and Ecodynamics</i> , 2016 , 11, 370-375	2.3	2
16	A Survey of 3D Rigid Registration Methods for RGB-D Cameras. <i>Advances in Computer and Electrical Engineering Book Series</i> , 2018 , 74-98	0.3	2
15	A Comparative Study of Downsampling Techniques for Non-rigid Point Set Registration Using Color. <i>Lecture Notes in Computer Science</i> , 2015 , 281-290	0.9	2
14	3D Technologies to Acquire and Visualize the Human Body for Improving Dietetic Treatment. <i>Proceedings (mdpi)</i> , 2019 , 31, 53	0.3	2
13	The DeepFish computer vision dataset for fish instance segmentation, classification, and size estimation. <i>Scientific Data</i> , 2022 , 9,	8.2	2
12	Automatic generation of image acquisition conditions for the quality control of specular surfaces 2007 ,		1
11	Image labelling in real conditions. <i>Kybernetes</i> , 2005 , 34, 1587-1597	2	1
10	Defining a Master Data Management Approach for Increasing Open Data Understandability. <i>Lecture Notes in Computer Science</i> , 2020 , 169-178	0.9	1
9	Topology Preserving Self-Organizing Map of Features in Image Space for Trajectory Classification. <i>Lecture Notes in Computer Science</i> , 2015 , 271-280	0.9	1
8	3D Body Registration from RGB-D Data with Unconstrained Movements and Single Sensor. <i>Lecture Notes in Computer Science</i> , 2017 , 317-329	0.9	1

7	Simulation of Automated Visual Inspection Systems for Specular Surfaces Quality Control. <i>Lecture Notes in Computer Science</i> , 2007 , 749-762	0.9	1
6	Comparative Analysis of Temporal Segmentation Methods of Video Sequences 2013 , 43-58		1
5	IA-CPS: Intelligent architecture for cyber-physical systems management. <i>Journal of Computational Science</i> , 2021 , 53, 101409	3.4	1
4	A non-invasive approach for total cholesterol level prediction using machine learning. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
3	Multidimensional Measurement of Virtual Human Bodies Acquired with Depth Sensors. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 721-730	0.4	
2	An Iterative Method for 3D Body Registration Using a Single RGB-D Sensor. <i>International Journal of Computer Vision and Image Processing</i> , 2017 , 7, 26-39	0.7	
1	Iterative multilinear optimization for planar model fitting under geometric constraints. <i>PeerJ Computer Science</i> , 2021 , 7, e691	2.7	