

Diego Viejo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

163
citations

1478505

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1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

193
citing authors

#	ARTICLE	IF	CITATIONS
1	Compression and registration of 3D point clouds using GMMs. Pattern Recognition Letters, 2018, 110, 8-15.	4.2	13
2	Color smoothing for RGB-D data using entropy information. Applied Soft Computing Journal, 2016, 46, 361-380.	7.2	39
3	3DCOMET: 3D compression methods test dataset. Robotics and Autonomous Systems, 2016, 75, 550-557.	5.1	5
4	JavaVis: An integrated computer vision library for teaching computer vision. Computer Applications in Engineering Education, 2015, 23, 258-267.	3.4	4
5	A robust and fast method for 6DoF motion estimation from generalized 3D data. Autonomous Robots, 2014, 36, 295-308.	4.8	14
6	Combining visual features and Growing Neural Gas networks for robotic 3D SLAM. Information Sciences, 2014, 276, 174-185.	6.9	18
7	Portable 3D laser-camera calibration system with color fusion for SLAM. International Journal of Automation and Smart Technology, 2013, 3, 29-35.	0.4	2
8	A Review of Registration Methods on Mobile Robots. , 2013, , 140-153.		0
9	A study of a soft computing based method for 3D scenario reconstruction. Applied Soft Computing Journal, 2012, 12, 3158-3164.	7.2	5
10	Using GNG to improve 3D feature extraction – Application to 6DoF egomotion. Neural Networks, 2012, 32, 138-146.	5.9	17
11	GPGPU implementation of growing neural gas: Application to 3D scene reconstruction. Journal of Parallel and Distributed Computing, 2012, 72, 1361-1372.	4.1	9
12	Using 3D GNG-based reconstruction for 6DoF egomotion. , 2011, , .		2
13	3D geological modelling using laser and hyperspectral data. , 2010, , .		18
14	3D plane-based egomotion for SLAM on semi-structured environment. , 2007, , .		17
15	A Review of Registration Methods on Mobile Robots. , 0, , 562-574.		0