Fabio Bellavia

List of Publications by Year
in descending order

36	427	840776	794594
papers	citations	11	19
		h-index	g-index

37	37	37	364
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Harris corner selection strategy. IET Computer Vision, 2011, 5, 87.	2.0	62
2	The ARROWS project: adapting and developing robotics technologies for underwater archaeology. IFAC-PapersOnLine, 2015, 48, 194-199.	0.9	46
3	Dissecting and Reassembling Color Correction Algorithms for Image Stitching. IEEE Transactions on Image Processing, 2018, 27, 735-748.	9.8	34
4	Selective visual odometry for accurate AUV localization. Autonomous Robots, 2017, 41, 133-143.	4.8	33
5	Keypoint descriptor matching with context-based orientation estimation. Image and Vision Computing, 2014, 32, 559-567.	4.5	25
6	Accurate keyframe selection and keypoint tracking for robust visual odometry. Machine Vision and Applications, 2016, 27, 833-844.	2.7	22
7	Rethinking the sGLOH Descriptor. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 931-944.	13.9	22
8	Is There Anything New to Say About SIFT Matching?. International Journal of Computer Vision, 2020, 128, 1847-1866.	15.6	21
9	Robust Selective Stereo SLAM without Loop Closure and Bundle Adjustment. Lecture Notes in Computer Science, 2013, , 462-471.	1.3	20
10	Design of a modular Autonomous Underwater Vehicle for archaeological investigations. , 2015, , .		19
11	Improving SIFT-based Descriptors Stability to Rotations. , 2010, , .		18
12	A non-parametric segmentation methodology for oral videocapillaroscopic images. Computer Methods and Programs in Biomedicine, 2014, 114, 240-246.	4.7	15
13	A vision-based fully automated approach to robust image cropping detection. Signal Processing: Image Communication, 2020, 80, 115629.	3.2	13
14	Experiencing with electronic image stabilization and PRNU through scene content image registration. Pattern Recognition Letters, 2021, 145, 8-15.	4.2	12
15	HarrisZ+: Harris corner selection for next-gen image matching pipelines. Pattern Recognition Letters, 2022, 158, 141-147.	4.2	12
16	Semi-automatic registration of retinal images based on line matching approach. , 2013, , .		8
17	Approximated Overlap Error for the Evaluation of Feature Descriptors on 3D Scenes. Lecture Notes in Computer Science, 2013, , 270-279.	1.3	6
18	A non-parametric scale-based corner detector. , 2008, , .		5

#	Article	IF	Citations
19	FISH: Face intensity-shape histogram representation for automatic face splicing detection. Journal of Visual Communication and Image Representation, 2019, 63, 102586.	2.8	5
20	noRANSAC for fundamental matrix estimation. , 2011, , .		4
21	Which Is Which? Evaluation of Local Descriptors for Image Matching in Real-World Scenarios. Lecture Notes in Computer Science, 2019, , 299-310.	1.3	3
22	Estimating the Best Reference Homography for Planar Mosaics From Videos. , 2015, , .		3
23	Flow evaluation of red blood cells in capillaroscopic videos. , 2013, , .		2
24	3D Map Computation from Historical Stereo Photographs of Florence. IOP Conference Series: Materials Science and Engineering, 2018, 364, 012044.	0.6	2
25	New Error Measures to Evaluate Features on Three-Dimensional Scenes. Lecture Notes in Computer Science, 2011, , 524-533.	1.3	2
26	Color Correction for Image Stitching by Monotone Cubic Spline Interpolation. Lecture Notes in Computer Science, 2015, , 165-172.	1.3	2
27	RootsGLOH2: embedding RootSIFT â€˜square rootingâ€™ in sGLOH2. IET Computer Vision, 2020, 14, 138-143.	2.0	2
28	An Evolution of the Non-Parameter Harris Affine Corner Detector: A Distributed Approach. , 2009, , .		1
29	Piecewise planar underwater mosaicing. , 2015, , .		1
30	An Evaluation of Recent Local Image Descriptors for Real-World Applications of Image Matching. , 2019, , .		1
31	Restoration and Enhancement of Historical Stereo Photos. Journal of Imaging, 2021, 7, 103.	3.0	1
32	Fast Adaptive Frame Preprocessing for 3D Reconstruction. , 2015, , .		1
33	Extending the sGLOH Descriptor. Lecture Notes in Computer Science, 2015, , 354-363.	1.3	1
34	Restoration and Enhancement of Historical Stereo Photos Through Optical Flow. Lecture Notes in Computer Science, 2021, , 643-656.	1.3	0
35	Editorial for Special Issue â€œFine Art Pattern Extraction and Recognitionâ€. Journal of Imaging, 2021, 7, 195.	3.0	0
36	An Automatic Three-Dimensional Fuzzy Edge Detector. Lecture Notes in Computer Science, 2009, , 221-228.	1.3	0