

# Fabio Bellavia

## List of Publications by Year in descending order

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36  
papers

427  
citations

840776

11  
h-index

794594

19  
g-index

37  
all docs

37  
docs citations

37  
times ranked

364  
citing authors

#	ARTICLE	IF	CITATIONS
1	HarrisZ+: Harris corner selection for next-gen image matching pipelines. Pattern Recognition Letters, 2022, 158, 141-147.	4.2	12
2	Restoration and Enhancement of Historical Stereo Photos Through Optical Flow. Lecture Notes in Computer Science, 2021, , 643-656.	1.3	0
3	Experiencing with electronic image stabilization and PRNU through scene content image registration. Pattern Recognition Letters, 2021, 145, 8-15.	4.2	12
4	Restoration and Enhancement of Historical Stereo Photos. Journal of Imaging, 2021, 7, 103.	3.0	1
5	Editorial for Special Issue "Fine Art Pattern Extraction and Recognition" Journal of Imaging, 2021, 7, 195.	3.0	0
6	A vision-based fully automated approach to robust image cropping detection. Signal Processing: Image Communication, 2020, 80, 115629.	3.2	13
7	Is There Anything New to Say About SIFT Matching?. International Journal of Computer Vision, 2020, 128, 1847-1866.	15.6	21
8	RootsGLOH2: embedding RootSIFT "square rooting"™ in sGLOH2. IET Computer Vision, 2020, 14, 138-143.	2.0	2
9	FISH: Face intensity-shape histogram representation for automatic face splicing detection. Journal of Visual Communication and Image Representation, 2019, 63, 102586.	2.8	5
10	An Evaluation of Recent Local Image Descriptors for Real-World Applications of Image Matching. , 2019, , .		1
11	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
12	Dissecting and Reassembling Color Correction Algorithms for Image Stitching. IEEE Transactions on Image Processing, 2018, 27, 735-748.	9.8	34
13	Rethinking the sGLOH Descriptor. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 931-944.	13.9	22
14	3D Map Computation from Historical Stereo Photographs of Florence. IOP Conference Series: Materials Science and Engineering, 2018, 364, 012044.	0.6	2
15	Selective visual odometry for accurate AUV localization. Autonomous Robots, 2017, 41, 133-143.	4.8	33
16	Accurate keyframe selection and keypoint tracking for robust visual odometry. Machine Vision and Applications, 2016, 27, 833-844.	2.7	22
17	Design of a modular Autonomous Underwater Vehicle for archaeological investigations. , 2015, , .		19
18	The ARROWS project: adapting and developing robotics technologies for underwater archaeology. IFAC-PapersOnLine, 2015, 48, 194-199.	0.9	46

#	ARTICLE	IF	CITATIONS
19	Piecewise planar underwater mosaicing. , 2015, , .		1
20	Fast Adaptive Frame Preprocessing for 3D Reconstruction. , 2015, , .		1
21	Extending the sGLOH Descriptor. Lecture Notes in Computer Science, 2015, , 354-363.	1.3	1
22	Color Correction for Image Stitching by Monotone Cubic Spline Interpolation. Lecture Notes in Computer Science, 2015, , 165-172.	1.3	2
23	Estimating the Best Reference Homography for Planar Mosaics From Videos. , 2015, , .		3
24	A non-parametric segmentation methodology for oral videocapillaroscopic images. Computer Methods and Programs in Biomedicine, 2014, 114, 240-246.	4.7	15
25	Keypoint descriptor matching with context-based orientation estimation. Image and Vision Computing, 2014, 32, 559-567.	4.5	25
26	Flow evaluation of red blood cells in capillaroscopic videos. , 2013, , .		2
27	Semi-automatic registration of retinal images based on line matching approach. , 2013, , .		8
28	Approximated Overlap Error for the Evaluation of Feature Descriptors on 3D Scenes. Lecture Notes in Computer Science, 2013, , 270-279.	1.3	6
29	Robust Selective Stereo SLAM without Loop Closure and Bundle Adjustment. Lecture Notes in Computer Science, 2013, , 462-471.	1.3	20
30	Improving Harris corner selection strategy. IET Computer Vision, 2011, 5, 87.	2.0	62
31	noRANSAC for fundamental matrix estimation. , 2011, , .		4
32	New Error Measures to Evaluate Features on Three-Dimensional Scenes. Lecture Notes in Computer Science, 2011, , 524-533.	1.3	2
33	Improving SIFT-based Descriptors Stability to Rotations. , 2010, , .		18
34	An Evolution of the Non-Parameter Harris Affine Corner Detector: A Distributed Approach. , 2009, , .		1
35	An Automatic Three-Dimensional Fuzzy Edge Detector. Lecture Notes in Computer Science, 2009, , 221-228.	1.3	0
36	A non-parametric scale-based corner detector. , 2008, , .		5