Emilie Bollache

List of Publications by Year
in descending order

27 papers	214 citations
1307594 7 h-index	1474206 9 g-index
27 all docs	27 docs citations
27 times ranked	233 citing authors

#	Article	IF	Citations
1	Multispectral Remote Sensing Image Matching via Image Transfer by Regularized Conditional Generative Adversarial Networks and Local Feature. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 351-355.	3.1	15
2	Geometric calibration for LiDAR-camera system fusing 3D-2D and 3D-3D point correspondences. Optics Express, 2020, 28, 2122.	3.4	46
3	LiDAR-camera system extrinsic calibration by establishing virtual point correspondences from pseudo calibration objects. Optics Express, 2020, 28, 18261.	3.4	7
4	Multimodal Remote Sensing Image Registration Based on Image Transfer and Local Features. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1210-1214.	3.1	44
5	A Pipeline Neural Network for Low-Light Image Enhancement. IEEE Access, 2019, 7, 13737-13744.	4.2	37
6	The improvement of VIBE foreground detection algorithm. , 2018, , .		3
7	The method for froth floatation condition recognition based on adaptive feature weighted. , 2018, , .		0
8	Method of segmenting river from remote sensing image. , 2018, , .		0
9	The selection of the optimal baseline in the front-view monocular vision system. , 2018, , .		1
10	A localization algorithm of adaptively determining the ROI of the reference circle in image. , 2018, , .		0
11	Method for pan-tilt camera calibration using single control point. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2015, 32, 156.	1.5	15
12	An image localization system based on gradient Hough transform. , 2015, , .		6
13	LiveWire interactive boundary extraction algorithm based on Haar wavelet transform and control point set direction search. , 2015, , .		0
14	A line detection algorithm based on direction filter and regional growth. , 2015, , .		1
15	Solving the depth of the repeated texture areas based on the clustering algorithm. Proceedings of SPIE, 2015, , .	0.8	0
16	Error analysis in stereo vision for location measurement of 3D point. Proceedings of SPIE, 2015, , .	0.8	1
17	Laboratory calibration of star sensor with installation error using a nonlinear distortion model. Applied Physics B: Lasers and Optics, 2014, 115, 561-570.	2.2	21
18	Image mosaic at pixel level. Proceedings of SPIE, 2013, , .	0.8	0

#	Article	IF	Citations
19	An image rectification method on image sequence of monocular motion vision. Proceedings of SPIE, 2013, , .	0.8	0
20	Livewire based single still image segmentation. , 2011, , .		0
21	Laser-beam-based calibration. Proceedings of SPIE, 2011, , .	0.8	0
22	Relevance Units Latent Variable Model and Nonlinear Dimensionality Reduction. IEEE Transactions on Neural Networks, 2010, 21, 123-135.	4.2	13
23	Relevance units machine based on Akaike's information criterion. , 2009, , .		1
24	New image distance and its application in object recognition. , 2007, , .		0
25	The Kernelized Geometrical Bisection Methods. Lecture Notes in Computer Science, 2007, , 680-688.	1.3	0
26	Simulation method of radar height meter for a flying machine above sea. , 2001, , .		0
27	<title>SVM-based ultrasonic medicine image diagnosis</title>. , 2001, , .		3