

Emilie Bollache

List of Publications by Year in descending order

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papers

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docs citations

27
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric calibration for LiDAR-camera system fusing 3D-2D and 3D-3D point correspondences. Optics Express, 2020, 28, 2122.	3.4	46
2	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
3	A Pipeline Neural Network for Low-Light Image Enhancement. IEEE Access, 2019, 7, 13737-13744.	4.2	37
4	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
5	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
6	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
7	Relevance Units Latent Variable Model and Nonlinear Dimensionality Reduction. IEEE Transactions on Neural Networks, 2010, 21, 123-135.	4.2	13
8	LiDAR-camera system extrinsic calibration by establishing virtual point correspondences from pseudo calibration objects. Optics Express, 2020, 28, 18261.	3.4	7
9	An image localization system based on gradient Hough transform. , 2015, , .		6
10	<title>SVM-based ultrasonic medicine image diagnosis</title>. , 2001, , .		3
11	The improvement of VIBE foreground detection algorithm. , 2018, , .		3
12	Relevance units machine based on Akaike's information criterion. , 2009, , .		1
13	A line detection algorithm based on direction filter and regional growth. , 2015, , .		1
14	Error analysis in stereo vision for location measurement of 3D point. Proceedings of SPIE, 2015, , .	0.8	1
15	The selection of the optimal baseline in the front-view monocular vision system. , 2018, , .		1
16	Simulation method of radar height meter for a flying machine above sea. , 2001, , .		0
17	New image distance and its application in object recognition. , 2007, , .		0
18	Livewire based single still image segmentation. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Laser-beam-based calibration. Proceedings of SPIE, 2011, , .	0.8	0
20	Image mosaic at pixel level. Proceedings of SPIE, 2013, , .	0.8	0
21	An image rectification method on image sequence of monocular motion vision. Proceedings of SPIE, 2013, , .	0.8	0
22	LiveWire interactive boundary extraction algorithm based on Haar wavelet transform and control point set direction search. , 2015, , .		0
23	Solving the depth of the repeated texture areas based on the clustering algorithm. Proceedings of SPIE, 2015, , .	0.8	0
24	The method for froth floatation condition recognition based on adaptive feature weighted. , 2018, , .		0
25	Method of segmenting river from remote sensing image. , 2018, , .		0
26	A localization algorithm of adaptively determining the ROI of the reference circle in image. , 2018, , .		0
27	The Kernelized Geometrical Bisection Methods. Lecture Notes in Computer Science, 2007, , 680-688.	1.3	0