Jacqueline Le Moigne

List of Publications by Year
in descending order

25 papers	649 citations	1478505 6 h-index	1588992 8 g-index
25 all docs	25 docs citations	25 times ranked	621 citing authors

#	Article	IF	Citations
1	A FAST IMPLEMENTATION OF THE ISODATA CLUSTERING ALGORITHM. International Journal of Computational Geometry and Applications, 2007, 17, 71-103.	0.5	157
2	Efficient algorithms for robust feature matching. Pattern Recognition, 1999, 32, 17-38.	8.1	137
3	Use of multiresolution wavelet feature pyramids for automatic registration of multisensor imagery. IEEE Transactions on Image Processing, 2005, 14, 770-782.	9.8	91
4	Automatic Image Registration of Multimodal Remotely Sensed Data With Global Shearlet Features. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 1685-1704.	6.3	63
5	Parallel registration of multisensor remotely sensed imagery using wavelet coefficients. , 1994, 2242, 432.		44
6	Automatic Extraction of Ellipsoidal Features for Planetary Image Registration. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 95-99.	3.1	39
7	Tradespace analysis tool for designing constellations (TAT-C). , 2017, , .		27
8	Research issues in image registration for remote sensing. , 2007, , .		16
9	Introduction to remote sensing image registration. , 2017, , .		12
10	Survey of image registration methods. , 2011, , 35-76.		11
11	Crater Detection and Registration of Planetary Images Through Marked Point Processes, Multiscale Decomposition, and Region-Based Analysis. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6039-6058.	6.3	11
12	Shearlet features for registration of remotely sensed multitemporal images. , 2015, , .		9
13	<title>Application of rotation- and translation-invariant overcomplete wavelets to the registration of remotely sensed imagery</title>. , 1999, , .		7
14	New approaches to robust, point-based image registration. , 0, , 179-199.		4
15	On the use of wavelets for image registration. , 0, , 240-264.		4
16	Iterative Pyramid-Based Approach to Subpixel Registration of Multisensor Satellite Imagery. , 2002, , .		3
17	Multitemporal and multisensor image registration. , 0, , 293-338.		3
18	Agile multi-scale decompositions for automatic image registration. Proceedings of SPIE, 2016, , .	0.8	3

#	Article	IF	Citations
19	Registration of multiview images. , 2011, , 153-178.		2
20	IMAGESEER: NASA IMAGEs for Science, Education, Experimentation and Research. IEEE Geoscience and Remote Sensing Magazine, 2013, 1, 44-58.	9.6	2
21	Quantum Assisted Image Registration. , 2020, , .		2
22	Optimization of selected remote sensing algorithms for embedded Nvidia Kepler GPU architecture. , 2015, , .		1
23	Registration of textured remote sensing images using directional Gabor frames. , 2017, , .		1
24	Georegistration of Earth Observing-1 (EO-1) data using Global Land Survey (GLS) maps. , 2014, , .		0
25	Improving the Spatial Resolution of Imaging Instruments Using Software. , 2018, , .		0