Michel Herbin

List of Publications by Year
in descending order

21 papers	360 citations	1040056 9 h-index	1058476 14 g-index
22 all docs	22 docs citations	22 times ranked	222 citing authors

#	Article	IF	Citations
1	Assessment of healing kinetics through true color image processing. IEEE Transactions on Medical Imaging, 1993, 12, 39-43.	8.9	73
2	A clustering method based on the estimation of the probability density function and on the skeleton by influence zones. Application to image processing. Pattern Recognition Letters, 1996, 17, 1141-1150.	4.2	46
3	Color quantitation through image processing in dermatology. IEEE Transactions on Medical Imaging, 1990, 9, 262-269.	8.9	42
4	An automated system for the registration and comparison of photographic images in medicine. IEEE Transactions on Medical Imaging, 1988, 7, 298-303.	8.9	39
5	A 'no-threshold' histogram-based image segmentation method. Pattern Recognition, 2002, 35, 2319-2322.	8.1	39
6	Estimation of the number of clusters and influence zones. Pattern Recognition Letters, 2001, 22, 1557-1568.	4.2	30
7	Unsupervised Visual Data Mining Using Self-organizing Maps and a Data-driven Color Mapping. , 2012, , .		20
8	Are existing procedures enough? Image and video quality assessment: review of subjective and objective metrics. Proceedings of SPIE, 2008, , .	0.8	12
9	Extension of the scatterplot approach to multiple images. Ultramicroscopy, 1995, 60, 349-355.	1.9	11
10	Advances in the segmentation of multi-component microanalytical images. Ultramicroscopy, 2005, 103, 141-152.	1.9	11
11	Anteriority index for managing fuzzy dates in archÃ¦ological GIS. Soft Computing, 2010, 14, 339-344.	3.6	7
12	A New Pixel-Oriented Visualization Technique Through Color Image. Information Visualization, 2005, 4, 257-265.	1.9	6
13	Visual instance-based recommendation system for medical data mining. Procedia Computer Science, 2017, 112, 1747-1754.	2.0	5
14	No-reference Image Semantic Quality Approach using Neural Network. , 2011, , .		4
15	Adaptive-neighborhood best mean rank vector filter for impulsive noise removal. , 2008, , .		3
16	Effects of digital dewaxing methods on K-means-clusterized IR images collected on formalin-fixed paraffin-embedded samples of skin carcinoma. , 2008, , .		2
17	Study of Insulin Requirement Modeling in Hospitalized Elderly Patients with Type 2 Diabetes at a Late Stage of Stepwise Escalation Therapy. Diabetes Technology and Therapeutics, 2016, 18, 308-315.	4.4	2
18	Big Data: An incoming challenge for vehicular adâ€hoc networking. Internet Technology Letters, 2019, 2, e82.	1.9	1

#	ARTICLE	IF	CITATIONS
19	Reconstruct street network from imprecise excavation data using fuzzy Hough transforms. GeoInformatica, 2014, 18, 253.	2.7	0
20	Singular profile of diabetics. , 2014, , .		0
21	Structuring complex data using representativeness graphs. , 2014, , .		0