

Bin Wang

List of Publications by Year in descending order

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papers

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16
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486
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fast and Robust Level Set Method for Image Segmentation Using Fuzzy Clustering and Lattice Boltzmann Method. IEEE Transactions on Cybernetics, 2013, 43, 910-920.	6.2	121
2	A Relay Level Set Method for Automatic Image Segmentation. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 518-525.	5.5	95
3	A Nonlinear Adaptive Level Set for Image Segmentation. IEEE Transactions on Cybernetics, 2014, 44, 418-428.	6.2	85
4	A Unified Tensor Level Set for Image Segmentation. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 857-867.	5.5	83
5	Mammographic mass segmentation: Embedding multiple features in vector-valued level set in ambiguous regions. Pattern Recognition, 2011, 44, 1903-1915.	5.1	36
6	Nonparametric Statistical Active Contour Based on Inclusion Degree of Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2016, 24, 1176-1192.	6.5	27
7	GPU Accelerated Edge-Region Based Level Set Evolution Constrained by 2D Gray-Scale Histogram. IEEE Transactions on Image Processing, 2013, 22, 2688-2698.	6.0	23
8	A Hybrid Level Set With Semantic Shape Constraint for Object Segmentation. IEEE Transactions on Cybernetics, 2019, 49, 1558-1569.	6.2	19
9	Level Set Region Based Image Segmentation Using Lattice Boltzmann Method. , 2011, , .		16
10	Multi-Kernel Implicit Curve Evolution for Selected Texture Region Segmentation in VHR Satellite Images. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5183-5192.	2.7	16
11	A level set method with shape priors by using locality preserving projections. Neurocomputing, 2015, 170, 188-200.	3.5	15
12	Interactive active contour with kernel descriptor. Information Sciences, 2018, 450, 53-72.	4.0	9
13	A Contour Co-Tracking Method for Image Pairs. IEEE Transactions on Image Processing, 2021, 30, 5402-5412.	6.0	3
14	A Level Set with Shape Priors Using Moment-Based Alignment and Locality Preserving Projections. Lecture Notes in Computer Science, 2013, , 697-704.	1.0	3
15	An Intuitionistic Fuzzy Set Driven Stochastic Active Contour Model with Uncertainty Analysis. Mathematics, 2021, 9, 301.	1.1	2
16	Embedded Geometric Active Contour with Shape Constraint for Mass Segmentation. Lecture Notes in Computer Science, 2009, , 995-1002.	1.0	1