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Unsupervised segmentation of color-texture regions in images and video

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IEEE Transactions on Pattern Analysis and Machine Intelligence, 2001, 23, 800-810.

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1036	A divergence operator to segment urban texture.		1
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1034	Advances in color image segmentation.		8
1033	Color segmentation and figure-ground segregation of natural images. <b>2000</b> ,		
1032	Image segmentation using clustering with saddle point detection.		11
1031	Unsupervised color image segmentation.		0
1030	.		1
1029	The hierarchical cluster model for image region segmentation.		1
1028	Multiple objects segmentation based on maximum-likelihood estimation and optimum entropy-distribution (MLE-OED).		
1027	Naked people retrieval based on Adaboost learning.		1
1026	Content-based image retrieval system with new low-level features, new similarity metric, and novel feedback learning.		1
1025	Equal-intensity map texture modeling for natural scene segmentation.		
1024	Adaptive image segmentation based on color and texture.		10
1023	. <b>2002</b> , 4, 509-516		18
1022	Color image retrieval using multispectral random field texture model and color content features. <b>2003</b> , 36, 1679-1694		11
1021	Color active shape models for tracking non-rigid objects. <b>2003</b> , 24, 1751-1765		36
1020	Image retrieval based on perceptive weighted color blocks. <b>2003</b> , 24, 1935-1941		34

1019	A modular approach to facial feature segmentation on real sequences. <b>2003</b> , 18, 67-89		6
1018	A spatial constrained K-means approach to image segmentation.		3
1017	Web image mining: can we gather visual knowledge for image recognition from the Web?.		
1016	Natural color image segmentation.		0
1015	A common set of perceptual observables for grouping, figure-ground discrimination, and texture classification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2003</b> , 25, 458-474	13.3	15
1014	Image repairing: robust image synthesis by adaptive ND tensor voting.		39
1013	Unsupervised image segmentation using local homogeneity analysis.		14
1012	Contour extraction and tracking in video using a joint similarity measure. <b>2003</b> ,		
1011	Extracting video object's motion trajectory by velocity voting.		0
1010	Establishment shot detection using qualitative motion.		
1009	.		
1008	. <b>2003</b> ,		1
1007	Efficient region-based image retrieval. <b>2003</b> ,		15
1006	Generic image classification using visual knowledge on the web. <b>2003</b> ,		25
1005	Color image segmentation using density-based clustering. <b>2003</b> ,		2
1004	Image segmentation by spatially adaptive color and texture features.		8
1003	Pixel Classification by Divergence-Based Integration of Multiple Texture Methods and Its Application to Fabric Defect Detection. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 132-139	0.9	4
1002	An Image Analysis System for Tongue Diagnosis in Traditional Chinese Medicine. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 1181-1186	0.9	13

1001	Parsing and browsing tools for colonoscopy videos. <b>2004</b> ,	11
1000	Grouping web image search result. <b>2004</b> ,	15
999	Image similarity search with compact data structures. <b>2004</b> ,	52
998	Braving the Semantic Gap: Mapping Visual Concepts from Images and Videos. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 50-59	0.9
997	Automatic texture segmentation for texture-based image retrieval.	4
996	Unsupervised image segmentation by combining spatially adaptive color and texture features.	
995	Unsupervised object-based detection of dissolves in video sequences.	
994	An object-based approach for digital video retrieval. <b>2004</b> ,	3
993	Towards unsupervised attention object extraction by integrating visual attention and object growing.	1
992	Sparse representation of images with hybrid linear models.	3
991	Contrast-based color image segmentation. <b>2004</b> , 11, 641-644	21
990	Unsupervised video object segmentation and tracking based on new edge features. <b>2004</b> , 25, 1731-1742	24
989	Image segmentation based on maximum-likelihood estimation and optimum entropy-distribution (MLEDED). <b>2004</b> , 25, 1133-1141	12
988	Automatic segmentation of objects of interest in video: a unified framework.	
987	. <b>2004</b> , 14, 782-795	43
986	Color-texture feature extraction using soft decision from the HSV color space.	2
985	RAGS: Region-aided Geometric Snake. <b>2004</b> , 13, 640-52	63
984	An image retrieval system using multispectral random field models, color, and geometric features.	

983	Data-driven approach for bridging the cognitive gap in image retrieval.		2
982	A learning-based approach for annotating large on-line image collection.		2
981	Automatic visual recognition of deformable objects for grasping and manipulation. <b>2004</b> , 34, 325-333		24
980	Efficient image segmentation by mean shift clustering and MDL-guided region merging.		11
979	Inference of segmented color and texture description by tensor voting. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2004</b> , 26, 771-86	13.3	69
978	Segmentation Using Saturation Thresholding and Its Application in Content-Based Retrieval of Images. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 33-40	0.9	1
977	.		1
976	.		10
975	Channel optimized binary quantizers for distributed sensor networks.		1
974	Unsupervised Color-Texture Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 106-113	0.9	1
973	Integration of human perception for color texture management.		2
972	Seeded region growing: an extensive and comparative study. <b>2005</b> , 26, 1139-1156		146
971	Automatic seeded region growing for color image segmentation. <b>2005</b> , 23, 877-886		234
970	Dynamic programming framework for automatic video object segmentation and vision-assisted video pre-processing. <b>2005</b> , 152, 597		3
969	Semantics-enabled framework for knowledge discovery from Earth observation data archives. <b>2005</b> , 43, 2563-2572		51
968	Seed region selection and homogeneity criterion for doorplate image segmentation in mobile robot navigation. <b>2005</b> , 22, 505-512		
967	Automatic measurement of quality metrics for colonoscopy videos. <b>2005</b> ,		14
966	Image region entropy. <b>2005</b> ,		51

965	Exemplar-based background model initialization. <b>2005,</b>	1
964	Probabilistic web image gathering. <b>2005,</b>	41
963	Semantic image classification with hierarchical feature subset selection. <b>2005,</b>	11
962	Evaluation strategies for image understanding and retrieval. <b>2005,</b>	2
961	Kernel principle component analysis in pixels clustering.	3
960	Region-Based Image Retrieval with High-Level Semantic Color Names.	3
959	ASAP: A Synchronous Approach for Photo Sharing across Multiple Devices.	0
958	Unsupervised texture segmentation using color quantization and color feature distributions. <b>2005,</b>	1
957	. <b>2005, 7, 105-113</b>	56
956	Detecting prominent objects for image retrieval. <b>2005,</b>	6
955	A semi-supervised color image segmentation method. <b>2005,</b>	0
954	Deriving high-level concepts using fuzzy-ID3 decision tree for image retrieval.	
953	Semantics driven framework for coastal zones.	
952	Relevance feedback learning with feature selection in region-based image retrieval.	3
951	Combining multiple precision-boosted classifiers for indoor-outdoor scene classification.	3
950	A method for classification of scenery documentary using MPEG-7 edge histogram descriptor.	0
949	Adaptive perceptual color-texture image segmentation. <b>2005, 14, 1524-36</b>	106
948	A novel interactive object recognition approach for real-time-type video transmission.	0

947	Region-based Pornographic Image Detection. <b>2005,</b>	12
946	Video object segmentation and tracking using /spl psi/-learning classification. <b>2005, 15, 885-899</b>	17
945	Color segmentation for visual attention of mobile robots.	3
944	Unsupervised border detection of skin lesion images. <b>2005,</b>	29
943	A divergence operator to quantify texture from multi-spectral satellite images. <b>2006, 27, 2683-2702</b>	9
942	Image Content Annotation Based on Visual Features. <b>2006,</b>	1
941	Color Texture Segmentation Based on Quaternion-Gabor Features. <i>Lecture Notes in Computer Science, 2006, 345-353</i>	0.9
940	Image Segmentation using Parallel Self Organizing Tree Map. <b>2006,</b>	
939	Color Blob Segmentation by MSER Analysis. <b>2006,</b>	12
938	Minimal stochastic complexity image partitioning with unknown noise model. <b>2006, 15, 3207-12</b>	8
937	Flexible Tracking of Object Contours Using LR-Traversing Algorithm.	
936	A Time-Consistent Video Segmentation Algorithm designed for Real-Time Implementation. <b>2006,</b>	
935	Unsupervised Object-Based Video Segmentation Using Color And Texture.	
934	Human Visual Attention Map for Compressed Video. <b>2006,</b>	5
933	Uni-Modal Versus Joint Segmentation for Region-Based Image Fusion. <b>2006,</b>	13
932	Automatic Skin Segmentation for Gesture Recognition Combining Region and Support Vector Machine Active Learning.	2
931	Novel Noncontrast-Based Edge Descriptor for Image Segmentation. <b>2006, 16, 1086-1095</b>	5
930	Image-based stained glass. <b>2006, 12, 1547-58</b>	7

929	. <b>2006</b> , 14, 111-121	3
928	La transformation en ondelettes pour l'extraction de la texture-couleur. Application à la classification combinée des images (HRV) de SPOT. <b>2006</b> , 27, 3977-3990	6
927	Automatic object extraction over multiscale edge field for multimedia retrieval. <b>2006</b> , 15, 3759-72	22
926	Unsupervised extraction of visual attention objects in color images. <b>2006</b> , 16, 141-145	295
925	Study on texture feature extraction in region-based image retrieval system.	1
924	Ferret. <b>2006</b> , 40, 317-330	14
923	Color image segmentation by analysis of subset connectedness and color homogeneity properties. <b>2006</b> , 102, 105-116	23
922	Hill-manipulation: An effective algorithm for color image segmentation. <b>2006</b> , 24, 894-903	35
921	A Markov random field image segmentation model for color textured images. <b>2006</b> , 24, 1103-1114	118
920	Attention-driven image interpretation with application to image retrieval. <b>2006</b> , 39, 1604-1621	57
919	Unsupervised color texture segmentation based on soft criterion with adaptive mean-shift clustering. <b>2006</b> , 27, 386-392	17
918	Clustering in video data: Dealing with heterogeneous semantics of features. <b>2006</b> , 39, 789-811	4
917	Exploring statistical correlations for image retrieval. <b>2006</b> , 11, 340-351	10
916	Content-based image retrieval by using tree-structured features and multi-layer self-organizing map. <b>2006</b> , 9, 1-20	28
915	Detection of partial occlusions of assembled components to simplify the disassembly tasks. <b>2006</b> , 30, 530-539	9
914	Color texture image segmentation by integrating directional operators into JSEG method. <b>2006</b> , 27, 1983-1990	18
913	Visible colour difference-based quantitative evaluation of colour segmentation. <b>2006</b> , 153, 598	5
912	Unsupervised watershed-driven region-based image retrieval. <b>2006</b> , 153, 313	12



911	A simple set of numerical invariants for the analysis of images. <b>2006</b> , 16, 240-248		1
910	Unsupervised Texture Segmentation Using Multispectral Modelling Approach. <b>2006</b> ,		14
909	Significance of MPEG-7 textural features for improved mass detection in mammography. <b>2006</b> , 2006, 4779-82		1
908	Efficient filtering with sketches in the ferret toolkit. <b>2006</b> ,		7
907	Ferret. <b>2006</b> ,		18
906	Automatic function selection for large scale salient object detection. <b>2006</b> ,		2
905	Perceptual Color Contrast based Watershed for Color Image Segmentation. <b>2006</b> ,		1
904	Nonlinear Multiscale Graph Theory based Segmentation of Color Images. <b>2006</b> ,		1
903	Multiscale Graph Theory Based Color Segmentation. <b>2006</b> ,		1
902	Blind Quality Metric using a Perceptual Importance Map for JPEG-20000 Compressed Images. <b>2006</b> ,		11
901	Automatic classification of images with appendiceal orifice in colonoscopy videos. <b>2006</b> , 2006, 2349-52		11
900	Automatic Recognition of Landforms on Mars Using Terrain Segmentation and Classification. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 255-266	0.9	10
899	Automatic Forest Boundary Delineation in Aerial Images. <b>2006</b> ,		2
898	Visual Object Recognition in Diverse Scenes with Multiple Instance Learning. <b>2006</b> ,		1
897	The Eigen-Transform and Applications. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 70-79	0.9	4
896	Graph-Based Spatio-temporal Region Extraction. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 236-247	0.9	4
895	Hierarchical Classification of Object Images Using Neural Networks. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 322-330	0.9	
894	REGION-BASED AND CONTENT ADAPTIVE SKIN DETECTION IN COLOR IMAGES. <b>2007</b> , 21, 831-853		11

893	PIXEL-BASED TEXTURE CLASSIFICATION BY INTEGRATION OF MULTIPLE FEATURE EXTRACTION METHODS EVALUATED OVER MULTISIZED WINDOWS. <b>2007</b> , 21, 1159-1170	3
892	Pre-classification Module for an All-Season Image Retrieval System. <b>2007</b> ,	2
891	COLOR SEGMENTATION VIA IMPROVED MOUNTAIN CLUSTERING TECHNIQUE. <b>2007</b> , 07, 407-426	3
890	Video diver. <b>2007</b> ,	31
889	Typicality ranking via semi-supervised multiple-instance learning. <b>2007</b> ,	31
888	. <b>2007</b> , 5, 184-191	
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886	. <b>2007</b> ,	14
885	Using Principal Component Analysis and Radial Basis Function Neural Networks for Image Contents Classification. <b>2007</b> ,	0
884	. <b>2007</b> ,	2
883	Correlated Probabilistic Label Propagation for Region-Based Image Retrieval. <b>2007</b> ,	
882	Multi-layer multi-instance kernel for video concept detection. <b>2007</b> ,	6
881	Sizing sketches. <b>2007</b> ,	13
880	Exploiting spatial context constraints for automatic image region annotation. <b>2007</b> ,	42
879	Color Distribution Evenness and its Application to Color-Texture Segmentation. <b>2007</b> ,	
878	Replay Detection Based on Semi-automatic Logo Template Sequence Extraction in Sports Video. <b>2007</b> ,	8
877	Salient Object Detection on Large-Scale Video Data. <b>2007</b> ,	2
876	Classifying Images from Athletics Based on Spatial Relations. <b>2007</b> ,	3

875	Framework for color-texture classification in machine vision inspection of industrial products. <b>2007,</b>	10
874	Body Detection and Tracking with Hierarchical Scheme in Dynamic Scenes. <b>2007,</b>	2
873	Quality Metrics for Object-Based Data Mining Applications. <b>2007,</b>	1
872	Application of the contourlet transform for image information mining in earth observation data archives. <b>2007,</b>	
871	ROI-SEG: Unsupervised Color Segmentation by Combining Differently Focused Sub Results. <b>2007,</b>	17
870	. <b>2007,</b>	5
869	. <b>2007,</b>	
868	Color-Texture Segmentation of Medical Images Based on Local Contrast Information. <b>2007,</b>	0
867	Color Texture Analysis of Rice Leaves Diagnosing Deficiency in the Balance of Mineral Levels towards Improvement of Crop Productivity. <b>2007,</b>	13
866	A Hierarchical Texture Model for Unsupervised Segmentation of Remotely Sensed Images. <b>2007,</b> 303-312	2
865	Soft color segmentation and its applications. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2007,</b> 29, 1520-37	13.3 79
864	Machine learning for tongue diagnosis. <b>2007,</b>	2
863	Comparison of retrieval effectiveness of different region based image representations. <b>2007,</b>	1
862	Soft SVM and Its Application in Video-Object Extraction. <b>2007,</b> 55, 3272-3282	22
861	Supervised tissue classification from color images for a complete wound assessment tool. <b>2007,</b> 2007, 6032-5	30
860	Similarity Measures for Satellite Images with Heterogeneous Contents. <b>2007,</b>	2
859	Automatic Image Annotation Based on Visual Cognitive Theory. <b>2007,</b>	
858	Image-Adaptive Watermarking Using JSEG Segmentation Technique. <b>2007,</b>	

857	IMPROVING GESTURE RECOGNITION IN THE ARABIC SIGN LANGUAGE USING TEXTURE ANALYSIS. <b>2007</b> , 21, 11-33	10
856	Color Image Quantization Using Color Variation Measure. <b>2007</b> ,	3
855	Web Image Clustering. <b>2007</b> ,	
854	Entropy-controlled quadratic markov measure field models for efficient image segmentation. <b>2007</b> , 16, 3047-57	46
853	Multilevel Thresholding Method for Image Segmentation Based on an Adaptive Particle Swarm Optimization Algorithm. <b>2007</b> , 654-658	6
852	Sizing sketches. <b>2007</b> , 35, 157-168	9
851	Segmentation of candidate dark lesions in fundus images based on local thresholding and pixel density. <b>2007</b> , 2007, 6736-9	25
850	A Formal Study of Shot Boundary Detection. <b>2007</b> , 17, 168-186	188
849	Web Image Gathering with Probabilistic Models. <b>2007</b> , 22, 10-18	2
848	A methodological approach to the classification of dermoscopy images. <b>2007</b> , 31, 362-73	419
847	Combining wavelets and watersheds for robust multiscale image segmentation. <b>2007</b> , 25, 24-33	31
846	Supervised texture classification by integration of multiple texture methods and evaluation windows. <b>2007</b> , 25, 1091-1106	29
845	Multiple features data fusion method in color texture analysis. <b>2007</b> , 185, 784-797	4
844	Improved mean shift segmentation approach for natural images. <b>2007</b> , 185, 940-952	13
843	A color image segmentation approach for content-based image retrieval. <b>2007</b> , 40, 1318-1325	40
842	Region partition and feature matching based color recognition of tongue image. <b>2007</b> , 28, 11-19	41
841	Color image segmentation guided by a color gradient network. <b>2007</b> , 28, 1795-1803	12
840	Bio-mimetic learning from images using imprecise expert information. <b>2007</b> , 158, 295-311	1

839	Unsupervised multiscale segmentation of color images. <b>2007</b> , 28, 523-533	33
838	An Integrated Color and Intensity Co-occurrence Matrix. <b>2007</b> , 28, 974-983	60
837	Unsupervised border detection in dermoscopy images. <b>2007</b> , 13, 454-62	153
836	Computational methods for Traditional Chinese Medicine: a survey. <b>2007</b> , 88, 283-94	132
835	A new image classification technique using tree-structured regional features. <b>2007</b> , 70, 1040-1050	26
834	Computer-aided detection of diagnostic and therapeutic operations in colonoscopy videos. <b>2007</b> , 54, 1268-79	32
833	Color- and Texture-Based Image Segmentation for Improved Forest Delineation. <b>2007</b> , 45, 3055-3062	23
832	Local Experts Organization Model for Natural Scene Images Classification. <b>2007</b> , 26, 83-99	1
831	Image block feature vectors based on a singular-value information metric and color-texture description. <b>2007</b> , 11, 205-209	4
830	A survey of content-based image retrieval with high-level semantics. <b>2007</b> , 40, 262-282	1003
829	Globally adaptive region information for automatic color and texture image segmentation. <b>2007</b> , 28, 1946-1956	24
828	Informative frame classification for endoscopy video. <b>2007</b> , 11, 110-27	68
827	Mining user hidden semantics from image content for image retrieval. <b>2008</b> , 19, 145-164	5
826	Region saliency as a measure for colour segmentation stability. <b>2008</b> , 26, 211-227	9
825	FPGA-based System for Real-Time Video Texture Analysis. <b>2008</b> , 53, 419-433	7
824	Fast two-step segmentation of natural color scenes using hierarchical region-growing and a Color-Gradient Network. <b>2008</b> , 14, 29-40	6
823	Unsupervised color-texture image segmentation. <b>2008</b> , 13, 71-75	4
822	Region-based image retrieval with high-level semantics using decision tree learning. <b>2008</b> , 41, 2554-2570	83

821	LBP-guided active contours. <b>2008</b> , 29, 1404-1415	35
820	Segmentation of color images via reversible jump MCMC sampling. <b>2008</b> , 26, 361-371	29
819	Automatic detection of salient objects and spatial relations in videos for a video database system. <b>2008</b> , 26, 1384-1396	16
818	Evolving neurocomputing systems for horticulture applications. <b>2008</b> , 8, 564-578	3
817	Applying the multi-category learning to multiple video object extraction. <b>2008</b> , 41, 2777-2788	2
816	KPCA for semantic object extraction in images. <b>2008</b> , 41, 3244-3250	41
815	Image retrieval. <b>2008</b> , 40, 1-60	1792
814	Independent histogram pursuit for segmentation of skin lesions. <b>2008</b> , 55, 157-61	83
813	The HCM for perceptual image segmentation. <b>2008</b> , 71, 1966-1979	3
812	CTex--an adaptive unsupervised segmentation algorithm based on color-texture coherence. <b>2008</b> , 17, 1926-39	59
811	Modeling Background and Segmenting Moving Objects from Compressed Video. <b>2008</b> , 18, 670-681	61
810	Unsupervised mammograms segmentation. <b>2008</b> ,	0
809	A novel region-based image retrieval technique using spacial color distribution feature. <b>2008</b> ,	
808	. <b>2008</b> , 10, 1605-1616	17
807	Automatic extraction of important objects for an MPEG-7 compliant video database system. <b>2008</b> ,	
806	Synchronization of Vision Based Sensor Networks with Variable Frame Rates. <b>2008</b> ,	
805	Scene segmentation based on video structure and spectral methods. <b>2008</b> ,	3
804	A complete 3D wound assessment tool for accurate tissue classification and measurement. <b>2008</b> ,	13

803	Constrained compound Markov random Field Model for segmentation of color texture and scene images. <b>2008,</b>	1
802	. <b>2008,</b> 10, 832-845	20
801	Constrained Markov Random Field Model for Color and Texture Image Segmentation. <b>2008,</b>	4
800	Image retrieval based on semantics of intra-region color properties. <b>2008,</b>	1
799	A volume image foreground identification method by dual multi-scale morphological operations. <b>2008,</b>	
798	Individual Tree Crown Delineation Techniques for Vegetation Management in Power Line Corridor. <b>2008,</b>	8
797	Web Image Clustering Based on Multi-instance. <b>2008,</b>	1
796	Video Analysis Using Region Validation. <b>2008,</b>	
795	Color Image Segmentation Using Multilevel Clustering Approach. <b>2008,</b>	3
794	Detection of slow moving video objects using compound Markov random Field model. <b>2008,</b>	1
793	Joint multi-label multi-instance learning for image classification. <b>2008,</b>	8
792	Spatial-color pixel classification by spectral clustering for color image segmentation. <b>2008,</b>	1
791	Digital Image Retrieval Using Intermediate Semantic Features and Multistep Search. <b>2008,</b>	0
790	Clustering with K-Harmonic Means Applied to Colour Image Quantization. <b>2008,</b>	5
789	An Evolutionary Based Slow and Fast Moving Video Object Detection Scheme Using Compound Markov Random Field Model. <b>2008,</b>	0
788	Texture segmentation benchmark. <b>2008,</b>	18
787	An improved image segmentation algorithm for salient object detection. <b>2008,</b>	1
786	Lumen detection for capsule endoscopy. <b>2008,</b>	13

785	A Semantic Retrieval Approach by Color and Spatial Location of Image Regions. <b>2008,</b>	2
784	Volumetric Modeling with Multiple Cameras for Markerless Motion Capture in Complex Scenes. <b>2008,</b>	1
783	Feature Extraction for Forest Inventory. <b>2008,</b>	
782	Segmentation of Multi-spectral Satellite Images Based on Watershed Algorithm. <b>2008,</b>	4
781	Effective segmentation for move objects in video. <b>2008,</b>	
780	Automatic color image segmentation by dynamic region growth and multimodal merging of color and texture information. <b>2008,</b>	5
779	Watershed framework to region-based image segmentation. <b>2008,</b>	12
778	Texture amendment. <b>2008,</b>	1
777	Pattern recognition method to detect two diseases in rice plants. <b>2008,</b> 56, 319-325	33
776	Modeling LSH for performance tuning. <b>2008,</b>	74
775	Efficiently matching sets of features with random histograms. <b>2008,</b>	34
774	Integrated graph-based semi-supervised multiple/single instance learning framework for image annotation. <b>2008,</b>	12
773	Human action analysis, annotation and modeling in video streams based on implicit user interaction. <b>2008,</b>	1
772	A Fast Watershed-Based Image Segmentation Algorithm Using Local Merging Strategy. <b>2008,</b>	2
771	Segmentation-based extraction of important objects from video for object-based indexing. <b>2008,</b>	3
770	Color image segmentation using constrained compound Markov Random Field model and homotopy continuation method. <b>2008,</b>	0
769	Block-diagonal form of distance matrix for region-based image retrieval. <b>2008,</b>	
768	Background Removal of Microscopy Gray-Level Images. <b>2008,</b>	1



767	Aerial image registration based on joint feature-spatial spaces, curve and template matching. <b>2008,</b>	2
766	Mapping Classification Results on 3D model: a Solution for Measuring the Real Areas Covered by Skin Wound Tissues. <b>2008,</b>	
765	Scene understanding with discriminative structured prediction. <b>2008,</b>	
764	Anisotropic Diffusion with Morphological Reconstruction and Automatic Seeded Region Growing for Color Image Segmentation. <b>2008,</b>	2
763	Image segmentation by convex quadratic programming. <b>2008,</b>	10
762	A Texture and Color Based Method for Color Image Segmentation. <b>2008,</b>	
761	Automatic Categorization of Image Regions Using Dominant Color Based Vector Quantization. <b>2008,</b>	11
760	Efficient Indexing and Storage Algorithm for Visual Databases. <b>2008,</b>	
759	Fuzzy Mode Enhancement and Detection for Color Image Segmentation. <b>2008,</b> 2008, 1-19	1
758	Flicker Compensation for Archived Film Sequences Using a Segmentation-Based Nonlinear Model. <b>2008,</b> 2008,	2
757	Texture amendment. <b>2008,</b> 27, 1-6	6
756	A Time-Consistent Video Segmentation Algorithm Designed for Real-Time Implementation. <b>2008,</b> 2008, 1-12	6
755	. <b>2009,</b>	1
754	Saliency driven total variation segmentation. <b>2009,</b>	137
753	Web image gathering with region-based bag-of-features and multiple instance learning. <b>2009,</b>	1
752	An analysis of the relation between visual concepts and geo-locations using geotagged images on the web. <b>2009,</b>	
751	An improved approach for image segmentation based on color and local homogeneity features. <b>2009,</b>	2
750	Volume Image Segmentaton by Dual Multi-Scale Morphological Reconstructions. <b>2009,</b>	0

749	Towards automatic tree crown detection and delineation in spectral feature space using PCNN and morphological reconstruction. <b>2009,</b>	7
748	A Bayesian approach integrating regional and global features for image semantic learning. <b>2009,</b>	1
747	Salient region extraction based on intensity mapping for image retrieval. <b>2009,</b>	
746	Hierarchical multiple Markov chain model for unsupervised texture segmentation. <b>2009, 18, 1830-43</b>	44
745	. <b>2009,</b>	1
744	Extracting salient visual attention regions by color contrast and wavelet transformation. <b>2009,</b>	
743	Two-phase Fuzzy-ART with Independent Component Analysis for Semantic Image Classification. <b>2009,</b>	
742	Tree structures with attentive objects for image classification using a neural network. <b>2009,</b>	1
741	Concept-dependent image annotation via existence-based multiple-instance learning. <b>2009,</b>	2
740	Segmentation of Natural Image Based on Symmetry Features. <b>2009,</b>	1
739	Color Spaces and Image Segmentation. <b>2009, 151, 65-168</b>	41
738	An adaptive and progressive approach for efficient Gradient-based multiresolution color image segmentation. <b>2009,</b>	0
737	High-level feature extraction using SVM with walk-based graph kernel. <b>2009,</b>	1
736	Efficient human pose estimation via parsing a tree structure based human model. <b>2009,</b>	1
735	Classifying Images of Classical Architectures: Chinese vs. European. <b>2009,</b>	
734	Contextual decomposition of multi-label images. <b>2009,</b>	5
733	Tera-scale performance machine learning SoC with dual stream processor architecture for multimedia content analysis. <b>2009,</b>	0
732	Automatic Central Object Extraction from Color Image. <b>2009,</b>	3

731	Image Segmentation Scheme Based on Graph-Cut for the Paint Bubbles. <b>2009,</b>	
730	A Novel Region-Based Image Retrieval Algorithm Using Hybrid Feature. <b>2009,</b>	1
729	Evolution-based virtual content insertion. <b>2009,</b>	3
728	Information-theoretic identification of content pages for analyzing user information needs and actions on the multimedia web. <b>2009,</b>	3
727	A visual analysis of the relationship between word concepts and geographical locations. <b>2009,</b>	21
726	Segment Tracking via a Spatiotemporal Linking Process including Feedback Stabilization in an n-D Lattice Model. <b>2009, 9, 9355-79</b>	9
725	Short-term audio-visual atoms for generic video concept classification. <b>2009,</b>	38
724	Texture map. <b>2009,</b>	2
723	Unsupervised foreground segmentation using background elimination and graph cut techniques. <b>2009, 45, 1025</b>	2
722	Merging toward natural clusters. <b>2009, 48, 077202</b>	
721	Automatic skin segmentation and tracking in sign language recognition. <i>IET Computer Vision</i> , <b>2009, 3, 24</b>	1.4 37
720	Color-Texture segmentation using unsupervised graph cuts. <b>2009, 42, 735-750</b>	47
719	Learning a color distance metric for region-based image segmentation. <b>2009, 30, 1496-1506</b>	8
718	Semantic object classes in video: A high-definition ground truth database. <b>2009, 30, 88-97</b>	566
717	Color image segmentation using morphological clustering and fusion with automatic scale selection. <b>2009, 30, 397-406</b>	31
716	Color image segmentation using an enhanced Gradient Network Method. <b>2009, 30, 1404-1412</b>	10
715	Combining global, regional and contextual features for automatic image annotation. <b>2009, 42, 259-266</b>	53
714	An efficient algorithm for attention-driven image interpretation from segments. <b>2009, 42, 126-140</b>	14

713	Object-oriented texture analysis for the unsupervised segmentation of biopsy images for cancer detection. <b>2009</b> , 42, 1104-1112	61
712	Textual description of shapes. <b>2009</b> , 20, 563-584	1
711	Robustness of noisy and blurry images segmentation. <b>2009</b> , 19, 484-490	1
710	A Novel Generalized SVM Algorithm with Application to Region-Based Image Retrieval. <b>2009</b> ,	2
709	Fuzzy based seeded region growing for image segmentation. <b>2009</b> ,	5
708	Fast color quantization using weighted sort-means clustering. <b>2009</b> , 26, 2434-43	9
707	. <b>2009</b> , 11, 624-633	60
706	On the Influence of Region Mismatch at Training and Testing in Region-Related Concept Detection. <b>2009</b> ,	
705	Hierarchical Texture-Based Segmentation of Multiresolution Remote-Sensing Images. <b>2009</b> , 47, 2129-2141	56
704	Stochastic contour approach for automatic image segmentation. <b>2009</b> , 18, 043004	
703	Spine curve modeling for quantitative analysis of spinal curvature. <b>2009</b> , 2009, 6356-9	3
702	Multiple Viewpoints a Strategy for Multi-Step Queries Based EMD in CBIR System. <b>2009</b> ,	
701	Classification of Movies and Television Shows Using Motion. <b>2009</b> ,	2
700	Unsupervised learning of human body parts from video footage. <b>2009</b> ,	4
699	Cellular learning automata-based color image segmentation using adaptive chains. <b>2009</b> ,	3
698	Fractal-JSEG: JSEG Using an Homogeneity Measurement Based on Local Fractal Descriptor. <b>2009</b> ,	5
697	Tera-scale performance image stream processor with SoC architecture for multimedia content analysis. <b>2009</b> ,	
696	Semantic Image Retrieval Using Region Based Inverted File. <b>2009</b> ,	10

695	Relevance tuning in content-based retrieval of structurally-modeled images using Particle Swarm Optimization. <b>2009</b> ,	5
694	. <b>2009</b> ,	
693	Color texture segmentation based on the modal energy of deformable surfaces. <b>2009</b> , 18, 1613-22	50
692	Automatic image segmentation by dynamic region growth and multiresolution merging. <b>2009</b> , 18, 2275-88	112
691	Object segmentation from consumer videos: a unified framework based on visual attention. <b>2009</b> , 55, 1597-1605	9
690	Automatic image annotation based on decision tree machine learning. <b>2009</b> ,	3
689	An adaptive segmentation method using MRF model for suburban aerial images. <b>2009</b> , 34, 235	
688	Adaptive Non-linear Intensity Mapping Based Salient Region Extraction. <b>2009</b> , E92-D, 753-756	
687	An improved GMM-based method for supervised semantic image annotation. <b>2009</b> ,	2
686	. <b>2010</b> ,	3
685	A Conditional Random Field Approach to Unsupervised Texture Image Segmentation. <b>2010</b> , 2010,	4
684	Automatic Segmentation and Inpainting of Specular Highlights for Endoscopic Imaging. <b>2010</b> , 2010, 1-12	37
683	Synchronisation of vision-based sensor networks with variable frame rates. <b>2010</b> , 39, 153	2
682	Texture Based Infrared Military Target Extraction. <b>2010</b> , 44-47, 2489-2493	
681	Image Segmentation. <b>2010</b> , 119-178	1
680	A new real-time method for description and generalized segmentation of color images. <b>2010</b> , 20, 169-178	9
679	Feature Identification via a Combined ICAWavelet Method for Image Information Mining. <b>2010</b> , 7, 18-22	18
678	Topological SLAM Using Omnidirectional Images: Merging Feature Detectors and Graph-Matching. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 464-475	0.9 8

677	Testing Image Segmentation for Topological SLAM with Omnidirectional Images. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 266-277	0.9
676	Unsupervised detection and localization of structural textures using projection profiles. <b>2010</b> , 43, 3324-3337	13
675	Image segmentation algorithms based on the machine learning of features. <b>2010</b> , 31, 2325-2336	16
674	Fast segmentation of porcelain images based on texture features. <b>2010</b> , 21, 707-721	10
673	A segmentation method of lung cavities using region aided geometric snakes. <b>2010</b> , 34, 419-33	20
672	Exploit camera metadata for enhancing interesting region detection and photo retrieval. <b>2010</b> , 46, 207-233	3
671	Human action annotation, modeling and analysis based on implicit user interaction. <b>2010</b> , 50, 199-225	9
670	Dynamic content-page identification for media-rich websites. <b>2010</b> , 50, 491-507	1
669	Segmentation and Edge Detection Based on Spiking Neural Network Model. <b>2010</b> , 32, 131-146	39
668	Color graphs for automated cancer diagnosis and grading. <b>2010</b> , 57, 665-74	69
667	A Novel Texture-Preceded Segmentation Algorithm for High-Resolution Imagery. <b>2010</b> , 48, 2818-2828	28
666	Evaluation of Aerial Remote Sensing Techniques for Vegetation Management in Power-Line Corridors. <b>2010</b> , 48, 3379-3390	52
665	Wrapper-Based Feature Subset Selection for Rapid Image Information Mining. <b>2010</b> , 7, 43-47	15
664	Dark-spot detection from SAR intensity imagery with spatial density thresholding for oil-spill monitoring. <b>2010</b> , 114, 2026-2035	56
663	Attention-driven salient edge(s) and region(s) extraction with application to CBIR. <b>2010</b> , 90, 1-15	62
662	Wavelet-based multiscale texture segmentation: Application to stromal compartment characterization on virtual slides. <b>2010</b> , 90, 2412-2422	14
661	Recognition of attentive objects with a concept association network for image annotation. <b>2010</b> , 43, 3539-3547	8
660	A method for extracting the internal structure of biomedical images based on SRG and texture gradient. <b>2010</b> , 51, 1357-1362	2

659	Registration and interactive planar segmentation for stereo images of polyhedral scenes. <b>2010</b> , 43, 494-505	4
658	Unsupervised colour image segmentation using dual-tree complex wavelet transform. <b>2010</b> , 114, 813-826	19
657	Adaptive fuzzy color segmentation with neural network for road detections. <b>2010</b> , 23, 400-410	14
656	Colour, texture, and motion in level set based segmentation and tracking. <b>2010</b> , 28, 376-390	66
655	Watershed segmentation of dermoscopy images using a watershed technique. <b>2010</b> , 16, 378-84	25
654	Digital Image Splicing Using Edges. <b>2010</b> , 2, 63-75	1
653	Robust tissue classification for reproducible wound assessment in telemedicine environments. <b>2010</b> , 19, 023002	29
652	Generating the Depth Map from the Motion Information of H.264-Encoded 2D Video Sequence. <b>2010</b> , 2010, 1-13	10
651	Multiresolution adaptive and progressive gradient-based color-image segmentation. <b>2010</b> , 19, 013001	2
650	An adaptive clustering and chrominance-based merging approach for image segmentation and abstraction. <b>2010</b> ,	5
649	A Subjective Method for Image Segmentation Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 53-64.9	4
648	. <b>2010</b> ,	21
647	Learning full pairwise affinities for spectral segmentation. <b>2010</b> ,	37
646	Network-dependent kernels for image ranking. <b>2010</b> ,	2
645	A Semi-supervised Gaussian Mixture Model for Image Segmentation. <b>2010</b> ,	13
644	Color-Based Semantic Image Retrieval with Fuzzy-ART. <b>2010</b> ,	1
643	An automatic color textured image segmentation algorithm using mean histogram features. <b>2010</b> ,	1
642	Refining a region based attention model using eye tracking data. <b>2010</b> ,	9

641	Unsupervised color image segmentation based on local fractal descriptor and J-images. <b>2010,</b>	3
640	Using FCM for Color Texture Segmentation Based Multiscale Image Fusion. <b>2010,</b>	2
639	Color texture segmentation using quaternion-wavelet filters and SOM. <b>2010,</b>	
638	Moving targets detection algorithm based on the temporal-spatial segmentation algorithm. <b>2010,</b>	
637	An efficient data-scalable algorithm for image orientation detection. <b>2010,</b>	0
636	Unsupervised Tissue Image Segmentation through Object-Oriented Texture. <b>2010,</b>	5
635	Modelling semantic context for novelty detection in wildlife scenes. <b>2010,</b>	5
634	Approach to Object-Based Embedded Coding with Optimized Truncation. <b>2010,</b>	
633	Edge-adaptive image segmentation based on seam processing and K-Means clustering. <b>2010,</b>	3
632	Region-based automatic web image selection. <b>2010,</b>	1
631	A parallel framework for texture substitution coding. <b>2010,</b>	4
630	. <b>2010,</b>	
629	Audio-visual atoms for generic video concept classification. <b>2010,</b> 6, 1-19	7
628	A three-level clustering algorithm for color texture segmentation. <b>2010,</b>	
627	Parallel multi-regions image restoration system and its implementation. <b>2010,</b>	
626	Attacks and design of image recognition CAPTCHAs. <b>2010,</b>	59
625	Semantic information extraction from multispectral geospatial imagery via a flexible framework. <b>2010,</b>	10
624	Multi-level Thresholding Algorithm for Color Image Segmentation. <b>2010,</b>	6



623	. 2010, 12, 131-141	75
622	Semantic image retrieval with fuzzy-ART. 2010,	
621	Application of rectangular features for the localization of fertile material in plant images. 2010,	0
620	Edge based technique to estimate number of clusters in k-means color image segmentation. 2010,	16
619	A label field fusion bayesian model and its penalized maximum rand estimator for image segmentation. 2010, 19, 1610-24	56
618	Image resolution dependency of Local Texture Patterns in classification of color images. 2010,	2
617	Automatic Image Annotation Using Multi-object Identification. 2010,	4
616	Real-time multi-colourspace hand segmentation. 2010,	13
615	Tera-Scale Performance Machine Learning SoC (MLSoC) With Dual Stream Processor Architecture for Multimedia Content Analysis. 2010,	4
614	Statistical image modeling for semantic segmentation. 2010, 56, 777-782	3
613	Color image segmentation by seeded region growing and region merging. 2010,	8
612	A neural network model with adaptive structure for image annotation. 2010,	3
611	An improved level set evolution without re-initialization for vector-valued image segmentation. 2010,	
610	Motion segmentation in compressed video using Markov Random Fields. 2010,	6
609	Saliency based joint topic discovery for object categorization. 2010,	
608	Target Extraction from the Military Infrared Image with Complex Texture Background. <i>Lecture Notes in Computer Science</i> , 2010, 115-122	0.9
607	Beyond tag relevance. 2010,	14
606	. 2010, 48, 175-185	19

605	A Markov Random Field description of fuzzy color segmentation. <b>2010,</b>		1
604	. <b>2010,</b>		
603	Modeling semantic context for key-frame extraction in wildlife video. <b>2010,</b>		2
602	Region Based Color Image Retrieval Using Curvelet Transform. <i>Lecture Notes in Computer Science,</i> <b>2010,</b> 448-457	0.9	6
601	Region-based high-level semantics extraction with CEDD. <b>2010,</b>		11
600	Semantic analysis of skin lesions using radial basis function neural networks. <b>2010,</b>		2
599	Analysis of Sporting Events Using Softbots. <b>2010,</b>		
598	Effect of region filtering on the performance of segmentation based CBIR system. <b>2010,</b>		2
597	An automatic tongue detection and segmentation framework for computer-aided tongue image analysis. <b>2011,</b>		
596	Saliency detection based on proto-objects and topic model. <b>2011,</b>		4
595	An unsupervised natural image segmentation algorithm using mean histogram features. <b>2011,</b>		
594	Semantic image segmentation using oriented pattern analysis. <b>2011,</b>		
593	A multi-feature fusion method for tongue image matching in traditional chinese medicine. <b>2011,</b>		
592	Exploiting automatic image segmentation to human detection and depth estimation. <b>2011,</b>		0
591	A Relevancy Classification System for Web Search Results in Mobile Devices. <b>2011,</b>		
590	A Strategy for Boundary Detection Combining Region and Edge Information. <b>2011,</b>		1
589	Effects of texture on color perception. <b>2011,</b>		2
588	A Joint Approach to Global Motion Estimation and Motion Segmentation From a Coarsely Sampled Motion Vector Field. <b>2011,</b> 21, 1316-1328		28

587	Quantitative Comparison of Segmentation Results from ADS40 Images in Swiss NFI. <b>2011,</b>		
586	RSEM: An Accelerated Algorithm on Repeated EM. <b>2011,</b>		4
585	Classification of image based on semantic features and Bayesian networks. <b>2011,</b>		0
584	Computer-aided detection of retroflexion in colonoscopy. <b>2011,</b>		5
583	Unsupervised segmentation of live cell images using Gaussian modeling. <b>2011,</b>		
582	Web Horror Image Recognition Based on Context-Aware Multi-instance Learning. <b>2011,</b>		8
581	A Time Delay Neural Network model for simulating eye gaze data. <b>2011, 23, 111-126</b>		5
580	Real-Time, Adaptive, and Locality-Based Graph Partitioning Method for Video Scene Clustering. <b>2011, 21, 1747-1759</b>		1
579	. <b>2011,</b>		
578	Evaluation of Unsupervised Segmentation Algorithms for Silhouette Extraction in Human Action Video Sequences. <i>Lecture Notes in Computer Science, 2011, 13-22</i>	0.9	1
577	MDS-based multiresolution nonlinear dimensionality reduction model for color image segmentation. <b>2011, 22, 447-60</b>		21
576	Image Segmentation Using Normalized Cuts and Efficient Graph-Based Segmentation. <i>Lecture Notes in Computer Science, 2011, 229-240</i>	0.9	4
575	. <b>2011, 13, 421-431</b>		30
574	Color Image Segmentation Based on Blocks Clustering and Region Growing. <i>Lecture Notes in Computer Science, 2011, 459-466</i>	0.9	
573	A Change Information Based Fast Algorithm for Video Object Detection and Tracking. <b>2011, 21, 993-1004</b>		27
572	Detection of Disease Using Block-Based Unsupervised Natural Plant Leaf Color Image Segmentation. <i>Lecture Notes in Computer Science, 2011, 399-406</i>	0.9	6
571	Image Annotation Using the SimpleDecisionTree. <b>2011,</b>		2
570	Correlative multi-label multi-instance image annotation. <b>2011,</b>		6

569	A new approach of color image quantization based on Normalized Cut algorithm. <b>2011,</b>		1
568	Describing reflectances for color segmentation robust to shadows, highlights, and textures. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2011</b> , 33, 917-30	13,3	24
567	Self-Organizing Map-Based Color Image Segmentation with k-Means Clustering and Saliency Map. <b>2011</b> , 2011, 1-18		11
566	A Novel Saliency-Based Graph Learning Framework with Application to CBIR. <b>2011</b> , E94-D, 1353-1356		1
565	Index-guided natural image segmentation. <b>2011,</b>		
564	An Automatic Surface Extraction for Volume Visualization. <b>2011,</b>		1
563	Shape Independent Coding Using NURBS and B-spline Approximation and Interpolation Curves. <b>2011,</b> 57,		
562	Multiple scale neural architecture for enhancing regions in the colour image segmentation process. <b>2011</b> , 28, 70-96		3
561	Combining visual attention model with multi-instance learning for tag ranking. <b>2011</b> , 74, 3619-3627		2
560	Entropy based region selection for moving object detection. <b>2011</b> , 32, 2097-2108		15
559	Content-Based Image Retrieval Research. <b>2011</b> , 22, 471-477		20
558	Fast two-step histogram-based image segmentation. <b>2011</b> , 5, 63		22
557	KSS: Using Region and Edge Maps to Detect Image Boundaries. <b>2011</b> , 13, 46-52		3
556	Structured max-margin learning for inter-related classifier training and multilabel image annotation. <b>2011</b> , 20, 837-54		21
555	Proto-object based rate control for JPEG2000: an approach to content-based scalability. <b>2011</b> , 20, 1177-84		16
554	Image decomposition with multilabel context: algorithms and applications. <b>2011</b> , 20, 2301-14		10
553	Enhanced assessment of the wound-healing process by accurate multiview tissue classification. <b>2011</b> , 30, 315-26		62
552	Graph run-length matrices for histopathological image segmentation. <b>2011</b> , 30, 721-32		56

551	A performance estimator for digital image processing algorithms. <b>2011</b> , 84, 753-755	
550	Region-based supervised annotation for semantic image retrieval. <b>2011</b> , 65, 929-936	8
549	Segmentation of Natural Images by Texture and Boundary Compression. <b>2011</b> , 95, 86-98	84
548	Detection and correction of specular reflections for automatic surgical tool segmentation in thoroscopic images. <b>2011</b> , 22, 171-180	38
547	Complementary texture and intensity gradient estimation and fusion for watershed segmentation. <b>2011</b> , 22, 1027-1045	2
546	Image segmentation based on the integration of colour texture descriptors: A review. <b>2011</b> , 44, 2479-2501	145
545	Hard versus fuzzy c-means clustering for color quantization. <b>2011</b> , 2011,	22
544	Improving the performance of k-means for color quantization. <b>2011</b> , 29, 260-271	104
543	Learning a nonlinear distance metric for supervised region-merging image segmentation. <b>2011</b> , 115, 127-139	8
542	Parametric models of linear prediction error distribution for color texture and satellite image segmentation. <b>2011</b> , 115, 1245-1262	6
541	Color texture image segmentation based on neutrosophic set and wavelet transformation. <b>2011</b> , 115, 1134-1144	91
540	Region Contextual Visual Words for scene categorization. <b>2011</b> , 38, 11591-11597	5
539	Color image segmentation using histogram thresholding: Fuzzy C-means hybrid approach. <b>2011</b> , 44, 1-15	149
538	A de-texturing and spatially constrained K-means approach for image segmentation. <b>2011</b> , 32, 359-367	44
537	Integrating hierarchical feature selection and classifier training for multi-label image annotation. <b>2011</b> ,	3
536	Tap-to-search: Interactive and contextual visual search on mobile devices. <b>2011</b> ,	2
535	Bloodstain Segmentation in Color Images. <b>2011</b> ,	
534	A Fast Fuzzy-C means based marker controlled watershed segmentation of clustered nuclei. <b>2011</b> ,	1

533	Autonomous learning of a human body model. <b>2011</b> ,		
532	Moving object detection based on temporal and spatial resolution mosaic. <b>2011</b> ,		
531	An adaptive bayesian clustering and multivariate region merging based technique for efficient segmentation of color images. <b>2011</b> ,		3
530	A new information fusion approach for image segmentation. <b>2011</b> ,		1
529	Spatiotemporal Closure. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 369-382	0.9	7
528	Automatic foreground extraction by background elimination based on multiscale segmentation. <b>2011</b> , 50, 067004		2
527	Image segmentation by optimizing a homogeneity measure in a variational framework. <b>2011</b> , 20, 013009		1
526	Tissue object patterns for segmentation in histopathological images. <b>2011</b> ,		
525	A Region-Based Image Segmentation by Watershed Partition and DCT Energy Compaction. <b>2011</b> ,		4
524	The improved algorithm for color-texture image segmentation. <b>2011</b> ,		
523	Who Blocks Who: Simultaneous clothing segmentation for grouping images. <b>2011</b> ,		45
522	Measuring Bitrate and Quality Trade-Off in a Fast Region-of-Interest Based Video Coding. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 442-453	0.9	1
521	Exploitation of image coherency and topology preservation to accelerate the pixel mapping stage of SOM-based image quantisation. <b>2011</b> , 59, 348-362		
520	Image stylisation. <b>2012</b> , 60, 248-255		
519	A Stereo Matching Algorithm with Support Regions Based on Color and Texture Estimate. <b>2012</b> , 433-440, 3656-3661		
518	Classifying scaled and rotated textures using a region-matched algorithm. <b>2012</b> , 51, 077005		
517	Improving color correction across camera and illumination changes by contextual sample selection. <b>2012</b> , 21, 023015		15
516	Scaring or pleasing. <b>2012</b> ,		22

515	Reduction of over segmentation in JSEG using canny edge detector. <b>2012,</b>	2
514	Unsupervised video leap segmentation for fast detection of salient segment transformations in mobile sequences. <b>2012,</b>	2
513	Robust object finding vision system based on saliency map analysis. <b>2012,</b>	1
512	Image segmentation using seeded region growing. <b>2012,</b>	6
511	Color image segmentation by a genetic algorithm based clustering and Connected Component Labeling. <b>2012,</b>	2
510	Geometric constraints for robot navigation using omnidirectional camera. <b>2012,</b>	4
509	Affinity learning via self-diffusion for image segmentation and clustering. <b>2012,</b>	23
508	Forest delineation of aerial images with Gabor wavelets. <b>2012, 33, 2196-2213</b>	6
507	Recognition of Multiple-Food Images by Detecting Candidate Regions. <b>2012,</b>	154
506	LOCAL INSTABILITY PROBLEM OF IMAGE SEGMENTATION ALGORITHMS: SYSTEMATIC STUDY AND AN ENSEMBLE-BASED SOLUTION. <b>2012, 26, 1265004</b>	2
505	Region-based Image Segmentation by Watershed Partition and DCT Energy Compaction. <b>2012, 5, 53-64</b>	3
504	Combination of Prior Relations with Visual Information by Random Walk Model for Object Recognition. <b>2012,</b>	
503	Hypergraph-based saliency map generation with potential region-of-interest approximation and validation. <b>2012, 21, 013012</b>	
502	The Hybrid Approach of Image Segmentation Using MeanShift and Saliency Maps. <b>2012,</b>	
501	Stitching line and deformation propagation for seamless image stitching. <b>2012,</b>	
500	A novel fuzzy visual object classification approach. <b>2012,</b>	0
499	A spectral and texture-based unsupervised segmentation algorithm for human settlements land-cover extraction. <b>2012, 18, 299-305</b>	
498	Semantic real-world image classification for image retrieval with fuzzy-ART neural network. <b>2012, 21, 2137-2151</b>	3

497	An embedded software-reconfigurable color segmentation architecture for image processing systems. <b>2012</b> , 36, 215-231	0
496	Novelty detection in wildlife scenes through semantic context modelling. <b>2012</b> , 45, 3439-3450	20
495	Assessing Local Low-level Features with Segmentation. <b>2012</b> , 41, 405-411	
494	Color image segmentation using visible color difference and canny edge detector. <b>2012</b> ,	0
493	Edge-Enhancing of Color Segmented Images. <b>2012</b> ,	
492	Scaling and rotating texture classification based on JSEG algorithm. <b>2012</b> ,	0
491	Depth-supported real-time video segmentation with the Kinect. <b>2012</b> ,	28
490	Motion-based easy initialization of online foreground segmentation. <b>2012</b> ,	
489	Development of building segmentation algorithm for dense urban areas from aerial photograph. <b>2012</b> ,	0
488	Measurement of micro-bathymetry with a GOPRO underwater stereo camera pair. <b>2012</b> ,	8
487	Key-frame extraction of wildlife video based on semantic context modeling. <b>2012</b> ,	2
486	Segmentation using superpixels: A bipartite graph partitioning approach. <b>2012</b> ,	12
485	Image segmentation with complicated background by using seeded region growing. <b>2012</b> , 66, 767-771	26
484	A computer program (TSecSoft) to determine mineral percentages using photographs obtained from thin sections. <b>2012</b> , 46, 310-316	24
483	MDS-based segmentation model for the fusion of contour and texture cues in natural images. <b>2012</b> , 116, 981-990	17
482	Remotely sensed image retrieval based on region-level semantic mining. <b>2012</b> , 2012,	18
481	Object Detection From Videos Captured by Moving Camera by Fuzzy Edge Incorporated Markov Random Field and Local Histogram Matching. <b>2012</b> , 22, 1127-1135	32
480	References. <b>2012</b> , 425-460	



479	ESVC-based extraction and segmentation of texture features. <b>2012</b> , 49, 238-247	4
478	On multi-view video segmentation for object-based coding. <b>2012</b> , 22, 954-960	4
477	A new automatic identification system of insect images at the order level. <b>2012</b> , 33, 102-110	90
476	An Adaptive Recognition Model for Image Annotation. <b>2012</b> , 42, 1120-1127	7
475	Segmentation of Shadowed Buildings in Dense Urban Areas from Aerial Photographs. <i>Remote Sensing</i> , <b>2012</b> , 4, 911-933	5 9
474	Quantification and clustering of phenotypic screening data using time-series analysis for chemotherapy of schistosomiasis. <b>2012</b> , 13 Suppl 1, S4	33
473	Toward automated power line corridor monitoring using advanced aircraft control and multisource feature fusion. <b>2012</b> , 29, 4-24	28
472	Topological visual mapping in robotics. <b>2012</b> , 13 Suppl 1, S305-8	5
471	Video composition by optimized 3D mean-value coordinates. <b>2012</b> , 23, 179-190	6
470	Rotation Invariant Curvelet Features for Region Based Image Retrieval. <b>2012</b> , 98, 187-201	65
469	Optimal Image and Video Closure by Superpixel Grouping. <b>2012</b> , 100, 99-119	23
468	A simple and effective texture characterization for image segmentation. <b>2012</b> , 6, 231-245	4
467	A fully unsupervised color textured image segmentation algorithm using weighted mean histograms features. <b>2012</b> , 6, 197-209	4
466	A hybrid algorithm for automatic segmentation of slowly moving objects. <b>2012</b> , 66, 249-254	5
465	Skin tumor area extraction using an improved dynamic programming approach. <b>2012</b> , 18, 133-42	34
464	Construction of seafloor thematic maps from multibeam acoustic backscatter angular response data. <b>2012</b> , 41, 181-187	32
463	Spatial color image segmentation based on finite non-Gaussian mixture models. <b>2012</b> , 39, 8993-9001	32
462	Saliency-directed color image segmentation using modified particle swarm optimization. <b>2012</b> , 92, 1-18	56

461	Multispectral MR images segmentation based on fuzzy knowledge and modified seeded region growing. <b>2012</b> , 30, 230-46	45
460	A review on automatic image annotation techniques. <b>2012</b> , 45, 346-362	283
459	Salient object detection using content-sensitive hypergraph representation and partitioning. <b>2012</b> , 45, 3886-3901	26
458	Color image segmentation using tensor voting based color clustering. <b>2012</b> , 33, 605-614	13
457	An annotation rule extraction algorithm for image retrieval. <b>2012</b> , 33, 1257-1268	12
456	A resampling-based Markovian model for automated colon cancer diagnosis. <b>2012</b> , 59, 281-9	8
455	Multilevel segmentation of histopathological images using cooccurrence of tissue objects. <b>2012</b> , 59, 1681-90	22
454	Multichannel Pulse-Coupled-Neural-Network-Based Color Image Segmentation for Object Detection. <b>2012</b> , 59, 3299-3308	54
453	Object segmentation of database images by dual multiscale morphological reconstructions and retrieval applications. <b>2012</b> , 21, 828-43	38
452	Effective image retrieval techniques based on novel salient region segmentation and relevance feedback. <b>2012</b> , 57, 501-525	5
451	Vision system for tracking handball players using fuzzy color processing. <b>2013</b> , 24, 1055-1074	5
450	A hybrid classification model for digital pathology using structural and statistical pattern recognition. <b>2013</b> , 32, 474-83	48
449	Structural image retrieval using automatic image annotation and region based inverted file. <b>2013</b> , 24, 1087-1098	18
448	Adaptive all-season image tag ranking by saliency-driven image pre-classification. <b>2013</b> , 24, 1031-1039	4
447	Towards optimizing human labeling for interactive image tagging. <b>2013</b> , 9, 1-18	15
446	A Novel Color Image Segmentation Approach Based on Neutrosophic Set and Modified Fuzzy c-Means. <b>2013</b> , 32, 1699-1723	50
445	SLEDGE: Sequential Labeling of Image Edges for Boundary Detection. <b>2013</b> , 104, 15-37	11
444	Colorization by Example Using Dual-tree Complex Wavelet Transform and Jseg. <b>2013</b> , 4, 261-267	

443	Statistical analysis of tongue images for feature extraction and diagnostics. <b>2013</b> , 22, 5336-47	57
442	Unsupervised colour image segmentation by low-level perceptual grouping. <b>2013</b> , 16, 581-594	3
441	Who Blocks Who: Simultaneous Segmentation of Occluded Objects. <b>2013</b> , 28, 890-906	
440	Image segmentation using improved JSEG. <b>2013</b> ,	6
439	. <b>2013</b> ,	0
438	Prediction of minerals in rock images using Markov logic. <b>2013</b> ,	
437	Optimizing boundary maps for image segmentation. <b>2013</b> ,	
436	Melanoma Classification Using Dermoscopy Imaging and Ensemble Learning. <b>2013</b> ,	2
435	Near real-time retroflexion detection in colonoscopy. <b>2013</b> , 17, 143-52	7
434	Variational Formulation and Multilayer Graph Based Color-Texture Image Segmentation in Multiphase. <b>2013</b> ,	
433	Wildlife video key-frame extraction based on novelty detection in semantic context. <b>2013</b> , 62, 359-376	27
432	Region-of-interest extraction in low depth of field images using ensemble clustering and difference of Gaussian approaches. <b>2013</b> , 46, 2685-2699	23
431	Marginalized multi-layer multi-instance kernel for video concept detection. <b>2013</b> , 93, 2119-2125	2
430	Multispectral image segmentation using Gabor filtering and local homogeneity analysis with application to MSG. <b>2013</b> ,	2
429	Recognition, segmentation and retrieval of gang graffiti images on a mobile device. <b>2013</b> ,	6
428	Color segmentation by fuzzy co-clustering of chrominance color features. <b>2013</b> , 120, 235-249	29
427	Multi-nature hierarchical approach for natural image segmentation with pattern refinement feedback. <b>2013</b> , 99, 325-338	1
426	Unsupervised color-texture segmentation based on multiscale quaternion Gabor filters and splitting strategy. <b>2013</b> , 93, 2559-2572	17

425	Prediction of Extreme Ultraviolet Variability Experiment (EVE)/Extreme Ultraviolet Spectro-Photometer (ESP) Irradiance from Solar Dynamics Observatory (SDO)/Atmospheric Imaging Assembly (AIA) Images Using Fuzzy Image Processing and Machine Learning. <b>2013</b> , 283, 143-156	11
424	Boundary-constrained multi-scale segmentation method for remote sensing images. <b>2013</b> , 78, 15-25	42
423	Visual tracking by proto-objects. <b>2013</b> , 46, 2187-2201	8
422	Color Quantization of Dermoscopy Images Using the K-Means Clustering Algorithm. <b>2013</b> , 87-107	4
421	A Spatially-Constrained Color-Texture Model for Hierarchical VHR Image Segmentation. <b>2013</b> , 10, 120-124	29
420	Color Image Segmentation. <b>2013</b> , 219-277	4
419	Multi-instance multi-label image classification: A neural approach. <b>2013</b> , 99, 298-306	34
418	Colour Quantisation as a Preprocessing Step for Image Segmentation. <b>2013</b> , 119-138	1
417	Multilayer graph cuts based unsupervised color-texture image segmentation using multivariate mixed student's t-distribution and regional credibility merging. <b>2013</b> , 46, 1101-1124	28
416	Ocular Biometric Measurements to Diagnose Neurological Disorders Due to Wilson Disease. <b>2013</b> , 13, 3203-3210	5
415	Image-based detection of Kayser-Fleischer ring in patient with Wilson Disease. <b>2013</b> ,	6
414	Segmentation and recognition of multi-food meal images for carbohydrate counting. <b>2013</b> ,	28
413	Texture Region Merging with Histogram Feature for Color Image Segmentation. <b>2013</b> ,	
412	A novel color image segmentation algorithm based on JSEG and Normalized Cuts. <b>2013</b> ,	1
411	Systematic Benchmarking of Aerial Image Segmentation. <b>2013</b> , 10, 1527-1531	11
410	Efficient image segmentation algorithm using SLIC superpixels and boundary-focused region merging. <b>2013</b> ,	4
409	Automatic object extraction based on quantum mechanics. <b>2013</b> ,	
408	Using contour information for image segmentation. <b>2013</b> ,	1

407	Object segmentation based on location information for level set method. <b>2013,</b>	1
406	Detecting Tower Cranes in Images. <b>2013,</b> 433-435, 353-357	
405	Painting Scene Recognition Using Homogenous Shapes. <i>Lecture Notes in Computer Science</i> , <b>2013,</b> 262-273.9	4
404	. <b>2013,</b>	4
403	Illumination Estimation Based on Bilayer Sparse Coding. <b>2013,</b>	4
402	Quantum mechanics in computer vision: Automatic object extraction. <b>2013,</b>	24
401	A graph-cut approach to image segmentation using an affinity graph based on $\mathbb{D}$ -sparse representation of features. <b>2013,</b>	10
400	An Object-Oriented Visual Saliency Detection Framework Based on Sparse Coding Representations. <b>2013,</b> 23, 2009-2021	85
399	Graph-based image segmentation using weighted color patch. <b>2013,</b>	5
398	Natural scene segmentation based on a stochastic texture region merging approach. <b>2013,</b>	3
397	Region Segmentation. <b>2013,</b> 149-191	
396	Cluster Ensemble-Based Image Segmentation. <b>2013,</b> 10, 297	5
395	Robust Object Detection in Military Infrared Image. <b>2013,</b> 5, 30-36	
394	New Brodatz-Based Image Databases for Grayscale Color and Multiband Texture Analysis. <b>2013,</b> 2013, 1-14	39
393	A computer-based automated algorithm for assessing acinar cell loss after experimental pancreatitis. <b>2014,</b> 9, e110220	7
392	Color image segmentation based on seeded region growing with Canny edge detection. <b>2014,</b>	3
391	PYRAMID MATCH KERNEL AND CLASSIFIER ENSEMBLE-BASED MIL ALGORITHM FOR PORNOGRAPHIC IMAGES FILTERING. <b>2014,</b> 28, 1450002	0
390	Direct testing of methods for computer image processing. <b>2014,</b> 24, 418-424	1

389	Hybrid Color Segmentation Method Using a Customized Nonlinear Similarity Function. <b>2014</b> , 14, 1450005	2
388	Self-Optimal Clustering Technique Using Optimized Threshold Function. <b>2014</b> , 8, 1213-1226	14
387	A WEB SERVICE-BASED MOBILE APPLICATION FOR DETECTING KAYSER-FLEISCHER RING IN EYE CORNEA. <b>2014</b> , 42, 95-108	2
386	Fast Partitioning of Vector-Valued Images. <b>2014</b> , 7, 1826-1852	51
385	. <b>2014</b> ,	0
384	Unsupervised Texture Segmentation Using Active Contour Model and Oscillating Information. <b>2014</b> , 2014, 1-11	4
383	A novel method for boundary detection in low contrast images. <b>2014</b> ,	
382	Image annotation by multiple-instance learning with discriminative feature mapping and selection. <b>2014</b> , 44, 669-80	155
381	An ensemble classification approach for melanoma diagnosis. <b>2014</b> , 6, 233-240	72
380	Evaluation of a computer-aided skin cancer diagnosis system for conventional digital photography with manual segmentation. <b>2014</b> ,	
379	WISECODE: wise image segmentation based on community detection. <b>2014</b> , 62, 327-336	2
378	Topological simultaneous localization and mapping: a survey. <b>2014</b> , 32, 803-821	23
377	KmsGC: An Unsupervised Color Image Segmentation Algorithm Based on K-Means Clustering and Graph Cut. <b>2014</b> , 2014, 1-13	3
376	Region Similarity Measures for Automatic Detection of Building Roofs from Orthophotoplans. <b>2014</b> ,	
375	Automatic recognizing of vocal fold disorders from glottis images. <b>2014</b> , 228, 952-61	8
374	Colour quantisation using the adaptive distributing units algorithm. <b>2014</b> , 62, 80-91	12
373	A label field fusion model with a variation of information estimator for image segmentation. <b>2014</b> , 20, 7-20	30
372	A multimedia information fusion framework for web image categorization. <b>2014</b> , 70, 1453-1486	0

371	Salient object detection based on regions. <b>2014</b> , 68, 517-544	9
370	Unsupervised multiphase color texture image segmentation based on variational formulation and multilayer graph. <b>2014</b> , 32, 87-106	6
369	Images as occlusions of textures: a framework for segmentation. <b>2014</b> , 23, 2033-46	28
368	Part-based object extraction for complex objects. <b>2014</b> ,	
367	Combining motion and appearance for scene segmentation. <b>2014</b> ,	2
366	Semi-supervised learning for refining image annotation based on random walk model. <b>2014</b> , 72, 72-80	6
365	Human Pose Estimation and Tracking via Parsing a Tree Structure Based Human Model. <b>2014</b> , 44, 580-592	20
364	Finding suits in images of people in unconstrained environments. <b>2014</b> , 25, 1588-1594	
363	A non-stationary MRF model for image segmentation from a soft boundary map. <b>2014</b> , 17, 129-139	15
362	Multiple instance learning based on positive instance selection and bag structure construction. <b>2014</b> , 40, 19-26	7
361	Local object patterns for the representation and classification of colon tissue images. <b>2014</b> , 18, 1390-6	14
360	Encoder combined video moving object detection. <b>2014</b> , 139, 150-162	11
359	A novel multi-scale segmentation algorithm for high resolution remote sensing images based on wavelet transform and improved JSEG algorithm. <b>2014</b> , 125, 5588-5595	14
358	Recognition of Hand-Printed Characters on Mobile Devices. <b>2014</b> ,	
357	TouchCut: Fast image and video segmentation using single-touch interaction. <b>2014</b> , 120, 14-30	50
356	Efficient highlight removal of metal surfaces. <b>2014</b> , 103, 367-379	5
355	Image segmentation using modified SLIC and Nyström based spectral clustering. <b>2014</b> , 125, 4302-4307	7
354	A Graph-Based Framework for Video Object Segmentation and Extraction in Feature Space. <b>2015</b> ,	1

353	An object segmentation method based on saliency map and spectral clustering. <b>2015,</b>	2
352	Identification and delineation of individual tree crowns using Lidar and multispectral data fusion. <b>2015,</b>	
351	A Kinect-based oral rehabilitation system. <b>2015,</b>	3
350	A Novel Sports Video Background Segmentation Algorithm Based on Graph Partition. <b>2015,</b>	1
349	A new image segmentation approach using community detection algorithms. <b>2015,</b>	5
348	Image Segmentation by Edge Partitioning over a Nonsubmodular Markov Random Field. <b>2015,</b> 2015, 1-9	1
347	Content Based Image Retrieval Using Embedded Neural Networks with Bandletized Regions. <b>2015,</b> 17, 3552-3580	43
346	An effective use of adaptive combination of visual features to retrieve image semantics from a hierarchical image database. <b>2015,</b> 30, 136-152	4
345	Weakly Supervised Graph Based Semantic Segmentation by Learning Communities of Image-Parts. <b>2015,</b>	17
344	A component-based object detection method extended with a fuzzy inference engine. <b>2015,</b>	
343	The feasibility of using manual segmentation in a multifeature computer-aided diagnosis system for classification of skin lesions: a retrospective comparative study. <b>2015,</b> 5, e007823	2
342	Seismic remote sensing image segmentation based on spectral histogram and dynamic region merging. <b>2015,</b>	1
341	An optimization-based approach for restoring missing structures and textures in images. <b>2015,</b>	
340	Melanoma Detection Using Delaunay Triangulation. <b>2015,</b>	5
339	Image segmentation with texture clustering based JSEG. <b>2015,</b>	2
338	A novel image annotation model based on content representation with multi-layer segmentation. <b>2015,</b> 26, 1407-1422	7
337	. <b>2015,</b> 17, 3-15	44
336	Consistent depth video segmentation using adaptive surface models. <b>2015,</b> 45, 266-78	13



335	A global/local affinity graph for image segmentation. <b>2015</b> , 24, 1399-411	72
334	ROI image retrieval based on multiple features of mean shift and expectation maximisation. <b>2015</b> , 40, 117-130	1
333	Texture classification and discrimination for region-based image retrieval. <b>2015</b> , 26, 305-316	52
332	Marker Hiding Methods: Applications in Augmented Reality. <b>2015</b> , 29, 101-118	0
331	Image Completion: Survey and Comparative Study. <b>2015</b> , 29, 1554001	2
330	TapTell: Interactive visual search for mobile task recommendation. <b>2015</b> , 29, 114-124	2
329	Intelligent Mobile Application for Traffic Monitoring. <b>2015</b> ,	1
328	Supervised classification and segmentation of textured scene images. <b>2015</b> ,	0
327	Robust tongue segmentation by fusing region-based and edge-based approaches. <b>2015</b> , 42, 8027-8038	20
326	Segmentation and detection of contrast objects and their application in robot navigation. <b>2015</b> , 25, 338-346	8
325	Building roof segmentation from aerial images using a line and region-based watershed segmentation technique. <b>2015</b> , 15, 3172-203	15
324	Graph-based segmentation for RGB-D data using 3-D geometry enhanced superpixels. <b>2015</b> , 45, 913-26	45
323	A statistical modeling approach to computer-aided quantification of dental biofilm. <b>2015</b> , 19, 358-66	11
322	. <b>2015</b> , 17, 616-625	8
321	Pornographic images recognition based on spatial pyramid partition and multi-instance ensemble learning. <b>2015</b> , 84, 214-223	23
320	Image segmentation framework based on multiple feature spaces. <b>2015</b> , 9, 271-279	5
319	Feature fusion in part-based object detection. <b>2015</b> ,	
318	Horror Image Recognition Based on Context-Aware Multi-Instance Learning. <b>2015</b> , 24, 5193-205	14

317	Virtual touchpad: Hand gesture recognition for smartphone with depth camera. <b>2015,</b>		2
316	Improving Graph-Based Image Segmentation Using Nonlinear Color Similarity Metrics. <b>2015, 15, 1550018</b>		2
315	Retrieval of Images with Objects of Specific Size, Location, and Spatial Configuration. <b>2015,</b>		
314	Maximally Visual-Homogeneous Region Detector for Large Scale Image Retrieval. <b>2015,</b>		
313	Detection of malignant tissues: Analysis on segmentation of histology images. <b>2015,</b>		1
312	The Delaunay Document Layout Descriptor. <b>2015,</b>		4
311	Dish Detection and Segmentation for Dietary Assessment on Smartphones. <i>Lecture Notes in Computer Science</i> , <b>2015, 433-440</b>	0.9	7
310	Image Categorization Using Color G-SURF Invariant to Light Intensity. <b>2015, 60, 681-690</b>		2
309	An Intensity-Texture model based level set method for image segmentation. <b>2015, 48, 1547-1562</b>		68
308	An effective real-time color quantization method based on divisive hierarchical clustering. <b>2015, 10, 329-344</b>		18
307	Image completion by structure reconstruction and texture synthesis. <b>2015, 18, 333-350</b>		3
306	An efficient bi-convex fuzzy variational image segmentation method. <i>Information Sciences</i> , <b>2015, 293, 351-369</b>	7.7	28
305	Video object segmentation by integrating trajectories from points and regions. <b>2015, 74, 9665-9696</b>		4
304	Texture-Based Automatic Separation of Echoes from Distributed Moving Targets in UWB Radar Signals. <b>2015, 53, 352-361</b>		13
303	FoodCam: A real-time food recognition system on a smartphone. <b>2015, 74, 5263-5287</b>		80
302	Objectness Supervised Merging Algorithm for Color Image Segmentation. <b>2016, 2016, 1-11</b>		1
301	The Segmentation of Wear Particles Images Using J-Segmentation Algorithm. <b>2016, 2016, 1-10</b>		4
300	Unsupervised Clustering of Natural Images in Automatic Image Annotation Systems. <b>2016, 123-155</b>		4

299	Analysis and segmentation of images in case of solving problems of detecting and tracing objects on real-time video. <b>2016,</b>	
298	Privacy-friendly photo capturing and sharing system. <b>2016,</b>	15
297	A Comparative Study on EM Algorithms for Color-Texture Image Segmentation. <b>2016,</b>	
296	Food Image Segmentation for Dietary Assessment. <b>2016,</b>	18
295	Automatic Content Description and Annotation of Sport Images using Classification Techniques. <b>2016,</b>	1
294	Adaptive growing and merging algorithm for image segmentation. <b>2016,</b>	2
293	Colour-texture image segmentation based on graph cut using student's t distribution. <b>2016,</b>	
292	Multitask Low-Rank Affinity Graph for Image Segmentation and Image Annotation. <b>2016, 7, 1-18</b>	9
291	Statistical modeling for automatic image indexing and retrieval. <b>2016, 207, 105-119</b>	3
290	Skin lesion image segmentation using Delaunay Triangulation for melanoma detection. <b>2016, 52, 89-103</b>	106
289	Identifying crown areas in an undulating area planted with eucalyptus using unmanned aerial vehicle near-infrared imagery. <b>2016, 7, 561-570</b>	5
288	Spectral Methods. <b>2016, 267-289</b>	
287	An unsupervised multi-scale segmentation method based on automated parameterization. <b>2016, 9, 1</b>	4
286	Segmentation directed inpainting. <b>2016,</b>	2
285	Tumor or abnormality identification from magnetic resonance images using statistical region fusion based segmentation. <b>2016, 34, 1292-1304</b>	18
284	Adaptive enhancement of compressed SAR images. <b>2016, 10, 1335-1342</b>	2
283	Foodness Proposal for Multiple Food Detection by Training of Single Food Images. <b>2016,</b>	10
282	Learning with only multiple instance positive bags. <b>2016,</b>	0

281	Retrieval and classification of food images. <b>2016</b> , 77, 23-39		53
280	Image Segmentation. <b>2016</b> , 377-400		
279	Introduction. <b>2016</b> , 1-21		1
278	Evaluation of the Stability of Four Document Segmentation Algorithms. <b>2016</b> ,		2
277	An empirical study on image bag generators for multi-instance learning. <b>2016</b> , 105, 155-198		17
276	Ensembling over-segmentations: From weak evidence to strong segmentation. <b>2016</b> , 207, 416-427		17
275	Spatial contextual superpixel model for natural roadside vegetation classification. <b>2016</b> , 60, 444-457		10
274	Ontology-Based Semantic Image Segmentation Using Mixture Models and Multiple CRFs. <b>2016</b> , 25, 3233-3248		16
273	An integrated similarity metric for graph-based color image segmentation. <b>2016</b> , 75, 2969-2987		4
272	Fog effect for photography using stereo vision. <b>2016</b> , 32, 99-109		5
271	A Novel Fusion Approach Based on the Global Consistency Criterion to Fusing Multiple Segmentations. <b>2016</b> , 1-14		13
270	A competition in unsupervised color image segmentation. <b>2016</b> , 57, 136-151		11
269	New quartile-based region merging algorithm for unsupervised image segmentation using color-alone feature. <i>Information Sciences</i> , <b>2016</b> , 342, 24-36	7.7	12
268	METU-MMDS: An Intelligent Multimedia Database System for Multimodal Content Extraction and Querying. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 354-360	0.9	1
267	Unsupervised Texture Segmentation of Natural Scene Images Using Region-based Markov Random Field. <b>2016</b> , 83, 423-436		1
266	A Two-Phase Algorithm Based on Kurtosis Curvelet Energy and Unsupervised Spectral Regression for Segmentation of SAR Images. <b>2016</b> , 9, 1244-1264		105
265	A bag-of-regions representation for video classification. <b>2016</b> , 75, 2453-2472		1
264	Image segmentation via multi-scale stochastic regional texture appearance models. <b>2016</b> , 142, 23-36		9

263	Automatic tag saliency ranking for stereo images. <b>2016</b> , 172, 9-18	2
262	JCLMM: A finite mixture model for clustering of circular-linear data and its application to psoriatic plaque segmentation. <b>2017</b> , 66, 160-173	22
261	Automatic image annotation based on Gaussian mixture model considering cross-modal correlations. <b>2017</b> , 44, 50-60	9
260	A novel approach for color image segmentation based on region growing. <b>2017</b> , 39, 123-139	2
259	Unsupervised segmentation of natural images based on statistical modeling. <b>2017</b> , 252, 95-101	7
258	Superpixel-based class-semantic texton occurrences for natural roadside vegetation segmentation. <b>2017</b> , 28, 293-311	3
257	A Multi-Objective Decision Making Approach for Solving the Image Segmentation Fusion Problem. <b>2017</b> , 26, 3831-3845	6
256	An Image Segmentation Algorithm based on Community Detection. <b>2017</b> , 821-830	5
255	Color texture segmentation based on active contour model with multichannel nonlocal and Tikhonov regularization. <b>2017</b> , 76, 24515-24526	7
254	Area Determination of Diabetic Foot Ulcer Images Using a Cascaded Two-Stage SVM-Based Classification. <b>2017</b> , 64, 2098-2109	64
253	Maximal similarity based region classification method through local image region descriptors and Bhattacharyya coefficient-based distance: Application to horizon line detection using wide-angle camera. <b>2017</b> , 265, 28-41	7
252	Spatial Statistics for Segmenting Histological Structures in H&E Stained Tissue Images. <b>2017</b> , 36, 1522-1532	17
251	EFA-BMFM: A multi-criteria framework for the fusion of colour image segmentation. <b>2017</b> , 38, 104-121	18
250	Food Recognition: A New Dataset, Experiments, and Results. <b>2017</b> , 21, 588-598	92
249	Localisation of topological features using 3D object representations. <b>2017</b> , 11, 578-586	1
248	Optimized Automatic Seeded Region Growing Algorithm with Application to ROI Extraction. <b>2017</b> , 17, 1750024	6
247	Improving the measurement accuracy of an absolute imaging position encoder via a new edge detection method. <b>2017</b> , 11, 406-413	6
246	Hierarchical image segmentation via recursive superpixel with adaptive regularity. <b>2017</b> , 26, 061602	4

245	Moving object detection using spatio-temporal multilayer compound Markov Random Field and histogram thresholding based change detection. <b>2017</b> , 76, 13511-13543		8
244	Identifying tree crown areas in undulating eucalyptus plantations using JSEG multi-scale segmentation and unmanned aerial vehicle near-infrared imagery. <b>2017</b> , 38, 2296-2312		15
243	Quantifying Disaster Physical Damage Using Remote Sensing Data: A Technical Work Flow and Case Study of the 2014 Ludian Earthquake in China. <b>2017</b> , 8, 471-488		28
242	On Comparing Color Spaces for Food Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 435-443	0.9	4
241	Semi automatic image inpainting using partial JSEG segmentation. <b>2017</b> ,		0
240	Valley based multiclass thresholding for color image segmentation. <b>2017</b> ,		
239	Dominant peak-means clustering for color image segmentation. <b>2017</b> ,		
238	Image segmentation using contour, surface, and depth cues. <b>2017</b> ,		1
237	Flow-Process Foreground Region of Interest Detection Method for Video Codecs. <b>2017</b> , 5, 16263-16276		6
236	Lesion Segmentation in Dermoscopy Images Using Particle Swarm Optimization and Markov Random Field. <b>2017</b> ,		6
235	Image Tactile Perception with an Improved JSEG Algorithm. <b>2017</b> ,		1
234	Visual Sensor Based Image Segmentation by Fuzzy Classification and Subregion Merge. <b>2017</b> , 2017, 1-15		
233	A Clustering Method for Data in Cylindrical Coordinates. <b>2017</b> , 2017, 1-11		3
232	Real-Time Recognition of Cattle Using Fisher Locality Preserving Projection Method. <b>2017</b> , 197-221		
231	Dynamic Post-Earthquake Image Segmentation with an Adaptive Spectral-Spatial Descriptor. <i>Remote Sensing</i> , <b>2017</b> , 9, 899	5	8
230	ASSESSING THE CANOPY INTEGRITY USING CANOPY DIGITAL IMAGES IN SEMIDECIDUOUS FOREST FRAGMENT IN SÃO CARLOS - SP- BRAZIL. <b>2017</b> , 41,		
229	Tree2Vector: Learning a Vectorial Representation for Tree-Structured Data. <b>2018</b> , 29, 5304-5318		54
228	Assessment of Segmentation Techniques for Chronic Wound Surface Area Detection. <b>2018</b> , 707-716		0

227	A fast valley-based segmentation for detection of slowly moving objects. <b>2018</b> , 12, 1265-1272	4
226	An effective color texture image segmentation algorithm based on hermite transform. <b>2018</b> , 67, 494-504	12
225	Bottom-Up Merging Segmentation for Color Images With Complex Areas. <b>2018</b> , 48, 354-365	14
224	An intelligent multimedia information system for multimodal content extraction and querying. <b>2018</b> , 77, 2225-2260	7
223	. <b>2018</b> , 28, 601-615	0
222	Novel hybrid object-based non-parametric clustering approach for grouping similar objects in specific visual domains. <b>2018</b> , 62, 667-701	8
221	Improving Automated Classification of Diabetic Retinopathy Lesions. <b>2018</b> ,	0
220	Enhanced Colour Image Retrieval with Cuboid Segmentation. <b>2018</b> ,	4
219	An Improved Method for Image Segmentation Using K-Means Clustering with Neutrosophic Logic. <b>2018</b> , 132, 534-540	16
218	JOINT IMAGE SEGMENTATION AND CLASSIFICATION WITH APPLICATION TO CLUTTERED CORAL IMAGES. <b>2018</b> ,	
217	An image segmentation method using logarithmic kbest gravitational search algorithm based superpixel clustering. <b>2018</b> , 14, 1293	7
216	Unsupervised segmentation of wear particle image using local texture feature. <b>2018</b> , 70, 1601-1607	5
215	Selective Feature Fusion Based Adaptive Image Segmentation Algorithm. <b>2018</b> , 2018, 1-10	1
214	Artificial ants and fireflies can perform colour quantisation. <b>2018</b> , 73, 153-177	7
213	Oil Spill Detection in Terra-Side-Looking Airborne Radar Images Using Image Features and Region Segmentation. <b>2018</b> , 18,	6
212	Segmentation of Oil Spills on Side-Looking Airborne Radar Imagery with Autoencoders. <b>2018</b> , 18,	19
211	Unsupervised color image segmentation with color-alone feature using region growing pulse coupled neural network. <b>2018</b> , 306, 1-16	17
210	Image region annotation based on segmentation and semantic correlation analysis. <b>2018</b> , 12, 1331-1337	8

209	Multi-scale segmentation algorithm for pattern-based partitioning of large categorical rasters. <b>2018</b> , 118, 122-130	10
208	. <b>2018</b> , 20, 3266-3275	47
207	. <b>2019</b> , 21, 1-14	8
206	Classification of Post-earthquake High Resolution Image Using Adaptive Dynamic Region Merging and Gravitational Self-Organizing Maps. <b>2019</b> , 33-56	2
205	Image segmentation via multi dimensional color transform and consensus based region merging. <b>2019</b> , 78, 31347-31364	2
204	Bag of ARSRG Words (BoAW). <b>2019</b> , 1, 871-882	5
203	Multi-Scale Adaptive Level Set Segmentation Method Based on Saliency. <b>2019</b> , 7, 153031-153040	0
202	PFCO-based Automatic Annotation on Cultural Relic Images. <b>2019</b> ,	
201	An Enhanced Affinity Graph for Image Segmentation. <b>2019</b> , E102.D, 1073-1080	1
200	A Hybrid Color Quantization Algorithm That Combines the Greedy Orthogonal Bi-Partitioning Method With Artificial Ants. <b>2019</b> , 7, 128714-128734	3
199	Registering georeferenced photos to a building information model to extract structures of interest. <b>2019</b> , 42, 100937	10
198	Cloak of Invisibility: Privacy-Friendly Photo Capturing and Sharing System. <b>2019</b> , 18, 2488-2501	7
197	Segmentation of high-resolution remote sensing image combining phase congruency with local homogeneity. <b>2019</b> , 12, 1	1
196	Evaluating CNN-Based Semantic Food Segmentation Across Illuminants. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 247-259	0.9 7
195	Segmentation for Object-Based Image Analysis (OBIA): A review of algorithms and challenges from remote sensing perspective. <b>2019</b> , 150, 115-134	188
194	The color quantization problem solved by swarm-based operations. <b>2019</b> , 49, 2482-2514	7
193	Tensor Decomposition for Colour Image Segmentation of Burn Wounds. <b>2019</b> , 9, 3291	11
192	Using Adapted JSEG Algorithm with Fuzzy C Mean for Segmentation and Counting of White Blood Cell and Nucleus Images. <b>2019</b> ,	2



191	Webly-Supervised Food Detection with Foodness Proposal. <b>2019</b> , E102.D, 1230-1239	
190	Region Growing Algorithm Combined With Fast Peak Detection for Segmenting Colloidal Gold Immunochromatographic Strip Images. <b>2019</b> , 7, 169715-169723	2
189	Incremental Class Discovery for Semantic Segmentation With RGBD Sensing. <b>2019</b> ,	5
188	A Novel Color-Texture Descriptor Based on Local Histograms for Image Segmentation. <b>2019</b> , 7, 160683-160695	
187	A Deep Learning Based Approach to Skin Lesion Border Extraction With a Novel Edge Detector in Dermoscopy Images. <b>2019</b> ,	10
186	Content based image retrieval using fusion of multilevel bag of visual words. <b>2019</b> , 1, 1	1
185	Color-Texture Image Segmentation in View of Graph Utilizing Student Dispersion. <b>2019</b> , 691-701	
184	Automatic skin lesions segmentation based on a new morphological approach via geodesic active contour. <b>2019</b> , 55, 44-59	22
183	Global biotic cross-pollination algorithm enhanced with evolutionary strategies for color image segmentation. <b>2019</b> , 23, 2545-2559	2
182	Advances in automated tongue diagnosis techniques. <b>2019</b> , 8, 42-56	14
181	Importance-Aware Semantic Segmentation for Autonomous Vehicles. <b>2019</b> , 20, 137-148	35
180	A novel semi supervised learning algorithm for thyroid and ulcer classification in tongue image. <b>2019</b> , 22, 11537-11549	0
179	DFU_QUTNet: diabetic foot ulcer classification using novel deep convolutional neural network. <b>2020</b> , 79, 15655-15677	46
178	Multi-instance multi-label learning for surgical image annotation. <b>2020</b> , 16, e2058	3
177	Sea Ice Classification via Deep Neural Network Semantic Segmentation. <b>2020</b> , 1-1	10
176	A Mixed Method with Effective Color Reduction. <b>2020</b> , 10, 7819	1
175	Unsupervised Segmentation of Images using CNN. <b>2020</b> ,	1
174	Effects of Color Quantization on JPEG Compression. <b>2020</b> , 20, 2050026	1

173	Image retrieval based on AND/OR-construction models. <b>2020</b> , 79, 27293-27320		
172	Edge-Based Color Image Segmentation Using Particle Motion in a Vector Image Field Derived from Local Color Distance Images. <i>Journal of Imaging</i> , <b>2020</b> , 6,	3.1	3
171	Spatial-color mode detection in UV pairwise projection of the CIE LUV color space. <b>2020</b> ,		
170	Attributed Relational SIFT-Based Regions Graph: Concepts and Applications. <b>2020</b> , 2, 233-255		5
169	An Automatic Image Segmentation Algorithm Based on Three-Way Decisions. <b>2020</b> ,		
168	Image Segmentation Based on Weakly Supervised MKL on Mixed Visual Features. <b>2020</b> , 8, 137658-137671		
167	Learning to Structure an Image With Few Colors. <b>2020</b> ,		2
166	A U-Net Based Approach for Automating Tribological Experiments. <b>2020</b> , 20,		1
165	Weakly-Supervised Plate And Food Region Segmentation. <b>2020</b> ,		1
164	DIC: Deep Image Clustering for Unsupervised Image Segmentation. <b>2020</b> , 8, 34481-34491		9
163	Bottom-up unsupervised image segmentation using FC-Dense u-net based deep representation clustering and multidimensional feature fusion based region merging. <b>2020</b> , 94, 103871		7
162	Color Image Complexity versus Over-Segmentation: A Preliminary Study on the Correlation between Complexity Measures and Number of Segments. <i>Journal of Imaging</i> , <b>2020</b> , 6,	3.1	5
161	Automatic lecture video skimming using shot categorization and contrast based features. <b>2020</b> , 149, 113341		1
160	Localization and segmentation of metal cracks using deep learning. <b>2021</b> , 12, 4205-4213		15
159	Entropy feature and peak-means clustering based slowly moving object detection in head and shoulder video sequences. <b>2021</b> ,		0
158	Texture Segmentation Benchmark. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , PP,	13.3	2
157	An Ensemble Deep Neural Network for Footprint Image Retrieval Based on Transfer Learning. <b>2021</b> , 2021, 1-9		0
156	FastGCN + ARSRGemb: a novel framework for object recognition. <b>2021</b> , 30,		3

155	Self-adaptive analysis scale determination for terrain features in seafloor substrate classification. <b>2021</b> , 254, 107359		3
154	Deep neural networks for automatic grain-matrix segmentation in plane and cross-polarized sandstone photomicrographs. 1		0
153	Salient region growing based on Gaussian pyramid. <b>2021</b> , 15, 3142		0
152	Prediction of Uniaxial Compressive Strength and Elastic Modulus of Migmatites by Microstructural Characteristics Using Artificial Neural Networks. <b>2021</b> , 54, 5617		0
151	Individual Tree Segmentation Method Based on Mobile Backpack LiDAR Point Clouds. <b>2021</b> , 21,		6
150	Performance Improvement in Brain Tumor Detection in MRI Images Using a Combination of Evolutionary Algorithms and Active Contour Method. <b>2021</b> , 34, 1209-1224		3
149	Morphological Cross Entropy Loss for Improved Semantic Segmentation of Small and Thin Objects. <b>2021</b> , 192, 582-591		1
148	Color Texture Image Segmentation Using Histogram-Based CV Model Driven by Local Contrast Pattern. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 455-466	0.9	
147	Quantitative High-Content Screening-Based Drug Discovery against Helminthic Diseases. 159-179		2
146	Confidence Based Active Learning for Whole Object Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 753-760	0.9	3
145	A Hybrid Segmentation Method Applied to Color Images and 3D Information. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 789-799	0.9	1
144	Cross Modal Disambiguation. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 238-257	0.9	2
143	Segmentation of Laparoscopic Images for Computer Assisted Surgery. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 587-594	0.9	2
142	Analysis of Usage Patterns in Large Multimedia Websites. <b>2010</b> , 301-320		1
141	Image Segmentation with Use of Cross-Entropy Clustering. <b>2013</b> , 403-409		5
140	Unsupervised Segmentation for Transmission Imaging of Carbon Black. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 516-525	0.9	1
139	Color Texture Image Segmentation Based on Neutrosophic Set and Nonsubsampling Contourlet Transformation. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 164-173	0.9	4
138	Stereo Refinement for Photo Editing. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 391-399	0.9	0

137	Melanoma Classification Based on Ensemble Classification of Dermoscopy Image Features. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 291-298	0.3	3
136	CNN-Based Food Image Segmentation Without Pixel-Wise Annotation. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 449-457	0.9	25
135	Unsupervised Segmentation on Image with JSEG Using Soft Class Map. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 197-202	0.9	3
134	JSEG Based Color Separation of Tongue Image in Traditional Chinese Medicine. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 503-508	0.9	5
133	Deterministic Annealing EM and Its Application in Natural Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 639-644	0.9	3
132	Discovering User Information Goals with Semantic Website Media Modeling. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 364-375	0.9	2
131	Unsupervised Evolutionary Segmentation Algorithm Based on Texture Analysis. <b>2007</b> , 407-414		2
130	Color-Texture Image Segmentation by Combining Region and Photometric Invariant Edge Information. <b>2007</b> , 286-294		4
129	A New Supervised Evaluation Criterion for Region Based Segmentation Methods. <b>2007</b> , 439-448		14
128	Unsupervised Detection of Mammogram Regions of Interest. <b>2007</b> , 33-40		2
127	MILC2: A Multi-Layer Multi-Instance Learning Approach to Video Concept Detection. <b>2008</b> , 24-34		4
126	Fusion of Multi-view Tissue Classification Based on Wound 3D Model. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 924-935	0.9	1
125	Weakly Supervised Object Localization with Stable Segmentations. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 193-207	0.9	41
124	A Markov Random Field Approach to Outline Lesions in Fundus Images. <b>2009</b> , 472-475		4
123	Satellite Image Segmentation Using Wavelet Transforms Based on Color and Texture Features. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 113-122	0.9	3
122	Web-Scale Image Annotation. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 663-674	0.9	3
121	Texture Image Segmentation Using an Interactive Evolutionary Approach. <b>2009</b> , 3-19		1
120	Unsupervised Hierarchical Weighted Multi-segmenter. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 272-282	0.9	9

119	Meiji University at ImageCLEF2008 Photo Retrieval Task: Evaluation of Image Retrieval Methods Integrating Different Media. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 551-559	0.9	1
118	Fast Computation of Similarity Based on Jaccard Coefficient for Composition-Based Image Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 949-955	0.9	7
117	Exploiting Intensity Inhomogeneity to Extract Textured Objects from Natural Scenes. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 1-10	0.9	3
116	Object Distance Estimation Based on Stereo Vision and Color Segmentation with Region Matching. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 368-376	0.9	0
115	A Compositional Exemplar-Based Model for Hair Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 171-184	0.9	6
114	Moving Objects Detection from Video Sequences Using Fuzzy Edge Incorporated Markov Random Field Modeling and Local Histogram Matching. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 173-179	0.9	1
113	A Decision Support System Based on the Semantic Analysis of Melanoma Images Using Multi-elitist PSO and SVM. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 362-374	0.9	3
112	Alternating Scheme for Supervised Parameter Learning with Application to Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 118-125	0.9	3
111	Spot Detection in Images with Noisy Background. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 575-584	0.9	1
110	Statistical Multisensor Image Segmentation in Complex Wavelet Domains. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 60-68	0.9	1
109	Color Quantization Using Modified Artificial Fish Swarm Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 382-391	0.9	9
108	Finding Suits in Images of People. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 485-494	0.9	4
107	A Spatio-Temporal Framework for Moving Object Detection in Outdoor Scene. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 494-502	0.3	2
106	KM and KHM Clustering Techniques for Colour Image Quantisation. <b>2011</b> , 161-174		7
105	Segmentation of Forest to Tree Objects. <b>2014</b> , 89-112		17
104	Utilizing Deep Learning Technology to Segment Pectoral Muscle in Mediolateral Oblique View Mammograms. <b>2020</b> ,		1
103	Automatic gang graffiti recognition and interpretation. <b>2017</b> , 26, 1		2
102	Food items detection and recognition via multiple deep models. <b>2019</b> , 28, 1		2

101	Boundary determination of foot ulcer images by applying the associative hierarchical random field framework. <b>2019</b> , 6, 024002	4
100	Fuzzy Color Image Segmentation using Watershed Transform. <b>2013</b> , 157-160	0
99	A Garment Image Segmentation Method Based on Salient Region and JSEG. <b>2015</b> , 10, 1274-1282	1
98	Color image segmentation algorithm based on K-means clustering and region merging. <b>2010</b> , 30, 354-358	8
97	An Image Segmentation Algorithm Research Based on Region Growth. <b>2015</b> , 9, 673-679	6
96	Framework for Integration of Medical Image and Text-Based Report Retrieval to Support Radiological Diagnosis. <b>2018</b> , 86-122	0
95	Semantic Video Analysis and Understanding. <b>2009</b> , 3419-3425	3
94	Image Segmentation Utilizing Color-Space Feature. <b>2015</b> , 6, 39-53	1
93	An Innovative Multiple-Object Image Retrieval Framework Using Hierarchical Region Tree. <b>2013</b> , 4, 1-23	1
92	Moving Object Segmentation Using Level Set Method with Shape Prior, Color and Texture. <b>2013</b> , 8,	1
91	Hybridizing Differential Evolution with a Genetic Algorithm for Color Image Segmentation. <b>2016</b> , 6, 1182-1186	4
90	Segmentation of foreground apple targets by fusing visual attention mechanism and growth rules of seed points. <b>2015</b> , 13, e0214	1
89	Simultaneous Monitoring of CD and OSNR Based on Delay-Tap Sampling and Image Processing. <b>2021</b> ,	
88	Analyzing and Recognizing Food in Constrained and Unconstrained Environments. <b>2021</b> ,	
87	Synergism in Color Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 751-759	0.9 3
86	Fast Training of SVM via Morphological Clustering for Color Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 263-271	0.9 2
85	A Color Image Segmentation Algorithm by Using Region and Edge Information. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 1237-1240	0.9
84	Combined Color and Texture Segmentation Based on Fibonacci Lattice Sampling and Mean Shift. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 24-31	0.9

83	A Scalable Bootstrapping Framework for Auto-Annotation of Large Image Collections. <b>2005</b> , 75-90		
82	An Efficient Automatic Video Shot Size Annotation Scheme. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 649-658	0.9	1
81	Edge Detection and Geometric Feature Extraction of A Burner Jet in FNBZ Images Using Seeded Region Growing Algorithm. <b>2007</b> , 639-643		
80	Extraction of Perceptual Hue Feature Set for Color Image/Video Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 875-878	0.9	2
79	On Semantic Object Detection with Salient Feature. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 782-791	0.9	1
78	Encyclopedia of Multimedia. <b>2008</b> , 797-798		
77	Image Restoration Using Piecewise Iterative Curve Fitting and Texture Synthesis. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 1056-1063	0.9	0
76	Fuzzy ART for Relatively Fast Unsupervised Image Color Quantization. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 147-156	0.9	
75	SemanGist: A Local Semantic Image Representation. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 625-634	0.9	0
74	An Instability Problem of Region Growing Segmentation Algorithms and Its Set Median Solution. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 737-746	0.9	
73	Digital Image Splicing Using Edges. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 697-707	0.9	
72	Detecting In-Play Photos in Sports News Photo Database. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 268-279	0.9	
71	Multiple-Instance Active Learning for Image Categorization. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 239-249	0.9	3
70	A Novel Approach in Melanoma Identification. <b>2009</b> , 1438-1441		
69	Image Filling-In: A Gestalt Approach. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 707-714	0.9	
68	Hybrid Framework to Image Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 657-666	0.9	
67	Content-Based Image Retrieval. <b>2009</b> , 115-144		1
66	Significance Tests and Statistical Inequalities for Segmentation by Region Growing on Graph. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 939-946	0.9	

65	Evolving virtual contents with interactions in videos. <b>2009</b> ,		3
64	Learning Generic Human Body Models. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 98-107	0.9	1
63	Evolution-based Virtual Content Insertion with Visually Virtual Interactions in Videos. <b>2010</b> , 163-184		
62	Study on Image Color Stealing in Log-Polar Space. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 221-230	0.9	
61	Learning to Look at Humans. <b>2011</b> , 309-322		1
60	Contextual Information Guided Image Categorization Algorithm. <b>2011</b> , 315-322		
59	Digital Image Splicing Using Edges. <b>2012</b> , 176-187		
58	Area Measurement Method of Paint Bubble Based on Computer Vision. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 205-213	0.9	
57	A Bio-inspired System for Boundary Detection in Color Natural Scenes. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 739-752	0.9	0
56	Parametric Stochastic Modeling for Color Image Segmentation and Texture Characterization. <b>2013</b> , 279-325		
55	Novel Scheme for Object-based Embedded Image Coding. <b>2012</b> , 7,		
54	Proximity Based Object Segmentation in Natural Color Images Using the Level Set Method. <b>2013</b> , E96.A, 1744-1751		
53	A Review of Registration Methods on Mobile Robots. <b>2013</b> , 140-153		
52	Similarity Measures of Satellite Images Using an Adaptive Feature Contrast Model. <b>2013</b> , 04, 329-343		1
51	Overview of Process Fault Diagnosis. <b>2013</b> , 17-70		
50	Visual Analysis of Tag Co-occurrence on Nouns and Adjectives. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 47-57	0.9	
49	Segmentation of Mango Region from Mango Tree Image. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 201-211		0
48	Hybrid MPI-OpenMP Parallelization of Image Reconstruction. <b>2013</b> , 8,		



47	Object Recognition Algorithm Utilizing Graph Cuts Based Image Segmentation. <b>2014</b> , 9,		1
46	A Novel Graph Embedding Framework for Object Recognition. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 341-352	0.9	1
45	Unsupervised Surface Reflectance Field Multi-segmenter. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 261-273		6
44	Segmentation of Video Image Using Changing Detection and Block Based Approach. <b>2016</b> , 269-275		
43	Toward the Labeled Segmentation of Natural Images Using Rough-Set Rules. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 74-83	0.9	
42	Non-deep Learning Techniques for Roadside Video Data Analysis. <b>2017</b> , 41-118		
41	Generative Multi-region Segmentation by Utilizing Saliency Information. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 700-707	0.9	
40	Statistical Analysis of Tongue Color and Its Applications in Diagnosis. <b>2017</b> , 225-250		
39	Tongue Segmentation by Fusing Region-Based and Edge-Based Approaches. <b>2017</b> , 115-131		0
38	A Swarm Optimization-Based Kmedoids Clustering Technique for Extracting Melanoma Cancer Features. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 307-316	0.9	0
37	Color Image Segmentation: Selected Techniques. <b>2018</b> , 123-148		
36	Hierarchical Colour Image Segmentation by Leveraging RGB Channels Independently. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 197-210	0.9	
35	Video Authentication using Shot Boundary Detection Technique-An Overview. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1358, 012061	0.3	
34	Two Efficient Image Bag Generators for Multi-instance Multi-label Learning. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 407-418	0.3	
33	Study of Content Based Image Retrieval Using Data Mining Techniques. <i>International Journal of Scientific Research in Computer Science Engineering and Information Technology</i> , <b>2020</b> , 397-403	0.1	
32	Deep quantised portrait matting. <i>IET Computer Vision</i> , <b>2020</b> , 14, 339-349	1.4	2
31	Hybrid Between Ontology and Quantum Particle Swarm Optimization for Segmenting Noisy Plant Disease Image. <i>International Journal of Systems Applications Engineering &amp; Development</i> , <b>2020</b> , 14, 71-80	0.1	0
30	An Enhanced Louvain Based Image Segmentation Approach Using Color Properties and Histogram of Oriented Gradients. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 543-565	0.3	1

29	Classification vs Deep Learning in Cancer Degree on Limited Histopathology Datasets. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 175-194	0.9	
28	A Chinese Dish Detector with Modified YOLO v3. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 174-183	0.3	
27	A Review of Registration Methods on Mobile Robots. 562-574		
26	Content-Based Video Scene Clustering and Segmentation. 166-179		
25	Watershed-Driven Region-Based Image Retrieval. <b>2005</b> , 207-216		1
24	On the use of spatial relations between objects for image classification. <b>2007</b> , 347-356		
23	Extracted Structural Features for Image Comparison. <b>2007</b> , 13-17		
22	Unsupervised Texture Segmentation Using Multiple Segmenters Strategy. <b>2007</b> , 210-219		5
21	A Variational Framework for Adaptive Satellite Images Segmentation. <b>2007</b> , 675-686		1
20	A Novel SVM-Based Method for Moving Video Objects Recognition. <b>2007</b> , 136-145		
19	News Video Retrieval by Learning Multimodal Semantic Information. <b>2007</b> , 403-414		
18	Region Based Image Retrieval Incorporated with Camera Metadata. <b>2007</b> , 84-92		
17	Video Segmentation for Markerless Motion Capture in Unconstrained Environments. <b>2007</b> , 791-800		1
16	An unsupervised segmentation method based on dynamic threshold neural P systems for color images. <i>Information Sciences</i> , <b>2022</b> , 587, 473-484	7.7	1
15	Desert landform detection and mapping using a semi-automated object-based image analysis approach. <i>Journal of Arid Environments</i> , <b>2022</b> , 199, 104721	2.5	1
14	The Effect of Metric Space on the Results of Graph Based Colour Image Segmentation. <b>2012</b> , 14, 68-72		2
13	Automated Delineation of Microstands in Hemiboreal Mixed Forests Using Stereo GeoEye-1 Data. <i>Remote Sensing</i> , <b>2022</b> , 14, 1471	5	0
12	Graphical Image Region Extraction with K-Means Clustering and Watershed. <i>Journal of Imaging</i> , <b>2022</b> , 8, 163	3.1	1

11	Color and Texture Segmentation Using an Unified MRF Model. <i>Journal of Computer and Communications</i> , <b>2022</b> , 10, 139-164	o.8
10	Scalable Color Quantization for Task-Centric Image Compression.	
9	Memristive competitive hopfield neural network for image segmentation application.	o
8	Image Segmentation and Recognition for Multi-Class Chinese Food. <b>2022</b> ,	o
7	A Hybrid Approach for Large-Scale Image Classification. <b>2015</b> ,	o
6	Superpixel-Based PSO Algorithms for Color Image Quantization. <b>2023</b> , 23, 1108	o
5	Design of Fatigue Driving Behavior Detection Based on Circle Hough Transform. <b>2023</b> , 11, 1-17	o
4	The segmented UEC Food-100 dataset with benchmark experiment on food detection.	o
3	Enhancing Wireless Capsule Endoscopy images from intense illumination specular reflections using the homomorphic filter. <b>2023</b> , 84, 104723	o
2	Fully densely linked and strongly correlated instance segmentation for street-level images. <b>2023</b> , 20,	o
1	A Machine Learning Model for Content-Based Image Retrieval. <b>2023</b> ,	o