B S Manjunath

List of Publications by Year
in descending order

272 papers	18,021 citations	61857 43 h-index	29081 104 g-index
279 all docs	279 docs citations	279 times ranked	12363 citing authors

#	Article	IF	Citations
1	Texture features for browsing and retrieval of image data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1996, 18, 837-842.	9.7	2,987
2	Color and texture descriptors. IEEE Transactions on Circuits and Systems for Video Technology, 2001, 11, 703-715.	5.6	1,347
3	Multisensor Image Fusion Using the Wavelet Transform. Graphical Models, 1995, 57, 235-245.	1.4	1,346
4	Unsupervised segmentation of color-texture regions in images and video. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2001, 23, 800-810.	9.7	1,155
5	Multi-sensor image fusion using the wavelet transform. , 0, , .		705
6	Biological imaging software tools. Nature Methods, 2012, 9, 697-710.	9.0	462
7	A contour-based approach to multisensor image registration. IEEE Transactions on Image Processing, 1995, 4, 320-334.	6.0	414
8	The iPlant Collaborative: Cyberinfrastructure for Plant Biology. Frontiers in Plant Science, 2011, 2, 34.	1.7	396
9	NeTra: a toolbox for navigating large image databases. , 0, , .		370
10	Unsupervised texture segmentation using Markov random field models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1991, 13, 478-482.	9.7	315
11	NeTra: A toolbox for navigating large image databases. Multimedia Systems, 1999, 7, 184-198.	3.0	272
12	EdgeFlow: a technique for boundary detection and image segmentation. IEEE Transactions on Image Processing, 2000, 9, 1375-1388.	6.0	267
13	Identification of piRNAs in the central nervous system. Rna, 2011, 17, 1090-1099.	1.6	265
14	Variability in the Control of Cell Division Underlies Sepal Epidermal Patterning in Arabidopsis thaliana. PLoS Biology, 2010, 8, e1000367.	2.6	263
15	Hybrid LSTM and Encoderâ€"Decoder Architecture for Detection of Image Forgeries. IEEE Transactions on Image Processing, 2019, 28, 3286-3300.	6.0	254
16	An efficient color representation for image retrieval. IEEE Transactions on Image Processing, 2001, 10, 140-147.	6.0	243
17	A distributed database for bio-molecular images. SIGMOD Record, 2004, 33, 65-71.	0.7	233
18	An Eigenspace Update Algorithm for Image Analysis. Graphical Models, 1997, 59, 321-332.	1.4	185

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19	The multiRANSAC algorithm and its application to detect planar homographies. , 2005, , .		184
20	Rotation-invariant texture classification using a complete space-frequency model. IEEE Transactions on Image Processing, 1999, 8, 255-269.	6.0	180
21	Bisque: a platform for bioimage analysis and management. Bioinformatics, 2010, 26, 544-552.	1.8	171
22	A feature based approach to face recognition. , 0, , .		169
23	Color image segmentation. , 0, , .		164
24	Texture features and learning similarity. , 1996, , .		160
25	Silencing of CDK5 Reduces Neurofibrillary Tangles in Transgenic Alzheimer's Mice. Journal of Neuroscience, 2010, 30, 13966-13976.	1.7	152
26	YASS: Yet Another Steganographic Scheme That Resists Blind Steganalysis. Lecture Notes in Computer Science, 2007, , 16-31.	1.0	150
27	Edge flow: A framework of boundary detection and image segmentation. , 0, , .		141
28	Peer group image enhancement. IEEE Transactions on Image Processing, 2001, 10, 326-334.	6.0	136
29	Exploiting Spatial Structure for Localizing Manipulated Image Regions. , 2017, , .		136
30	A texture descriptor for browsing and similarity retrieval. Signal Processing: Image Communication, 2000, 16, 33-43.	1.8	133
31	VSGNet: Spatial Attention Network for Detecting Human Object Interactions Using Graph Convolutions. , 2020, , .		123
32	Robust Image-Adaptive Data Hiding Using Erasure and Error Correction. IEEE Transactions on Image Processing, 2004, 13, 1627-1639.	6.0	118
33	A new approach to image feature detection with applications. Pattern Recognition, 1996, 29, 627-640.	5.1	117
34	Shape prior segmentation of multiple objects with graph cuts. , 2008, , .		108
35	Stochastic and deterministic networks for texture segmentation. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 1039-1049.	2.0	102
36	A unified approach to boundary perception: edges, textures, and illusory contours. IEEE Transactions on Neural Networks, 1993, 4, 96-108.	4.8	102

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37	Automated tool for the detection of cell nuclei in digital microscopic images: application to retinal images. Molecular Vision, 2006, 12, 949-60.	1.1	102
38	MPEG-7 Homogeneous Texture Descriptor. ETRI Journal, 2001, 23, 41-51.	1.2	100
39	Detection and Localization of Image Forgeries Using Resampling Features and Deep Learning. , 2017, , .		98
40	Peer group filtering and perceptual color image quantization. , 0, , .		92
41	Modeling and Detection of Geospatial Objects Using Texture Motifs. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 3706-3715.	2.7	91
42	NeTra-V: toward an object-based video representation. IEEE Transactions on Circuits and Systems for Video Technology, 1998, 8, 616-627.	5.6	86
43	A comparison of wavelet transform features for texture image annotation. , 0, , .		84
44	Steganalysis for Markov Cover Data With Applications to Images. IEEE Transactions on Information Forensics and Security, 2006, 1, 275-287.	4.5	82
45	`Print and Scan' Resilient Data Hiding in Images. IEEE Transactions on Information Forensics and Security, 2006, 1, 464-478.	4.5	77
46	Detection of Hiding in the Least Significant Bit. IEEE Transactions on Signal Processing, 2004, 52, 3046-3058.	3.2	71
47	Graph partitioning active contours (GPAC) for image segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 509-521.	9.7	69
48	A biosegmentation benchmark for evaluation of bioimage analysis methods. BMC Bioinformatics, 2009, 10, 368.	1.2	64
49	Content-based search of video using color, texture, and motion. , 0, , .		60
50	Spirittagger. , 2008, , .		60
51	How Do Drivers Allocate Their Potential Attention? Driving Fixation Prediction via Convolutional Neural Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2146-2154.	4.7	60
52	Rotation-invariant texture classification using modified Gabor filters. , 0, , .		59
53	Detection of seam carving and localization of seam insertions in digital images. , 2009, , .		59
54	Automated segmentation of brain MR images. Pattern Recognition, 1995, 28, 1825-1837.	5.1	56

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55	Region of interest extraction and virtual camera control based on panoramic video capturing. IEEE Transactions on Multimedia, 2005, 7, 981-990.	5.2	56
56	A texture thesaurus for browsing large aerial photographs. Journal of the Association for Information Science and Technology, 1998, 49, 633-648.	1.2	54
57	A texture thesaurus for browsing large aerial photographs. Journal of the Association for Information Science and Technology, 1998, 49, 633-648.	1.2	51
58	A Variational Framework for Multiregion Pairwise-Similarity-Based Image Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1400-1414.	9.7	50
59	Video Annotation Through Search and Graph Reinforcement Mining. IEEE Transactions on Multimedia, 2010, 12, 184-193.	5.2	50
60	<title>Tools for texture- and color-based search of images</title>. , 1997, 3016, 496.		49
61	Evaluation and benchmark for biological image segmentation. , 2008, , .		49
62	Improving Patch-Based Convolutional Neural Networks for MRI Brain Tumor Segmentation by Leveraging Location Information. Frontiers in Neuroscience, 2019, 13, 1449.	1.4	48
63	Utility of multispectral imaging for nuclear classification of routine clinical histopathology imagery. BMC Cell Biology, 2007, 8, S8.	3.0	47
64	Data hiding in video. , 0, , .		46
65	Provably Secure Steganography: Achieving Zero K-L Divergence using Statistical Restoration. , 2006, , .		44
66	SPAM: Signal Processing to Analyze Malware [Applications Corner]. IEEE Signal Processing Magazine, 2016, 33, 105-117.	4.6	40
67	A condition number for point matching with application to registration and postregistration error estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 1437-1454.	9.7	39
68	An Axiomatic Approach to Corner Detection. , 0, , .		38
69	<title>Robust embedded data from wavelet coefficients</title>. , 1997, 3312, 308.		37
70	Further study on YASS: steganography based on randomized embedding to resist blind steganalysis. Proceedings of SPIE, 2008, , .	0.8	36
71	Variational image segmentation using boundary functions. IEEE Transactions on Image Processing, 1998, 7, 1269-1282.	6.0	34
72	Weakly Supervised Localization Using Deep Feature Maps. Lecture Notes in Computer Science, 2016, , 714-731.	1.0	34

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73	Combinatorial Tau Pseudophosphorylation. Journal of Biological Chemistry, 2011, 286, 14257-14270.	1.6	32
74	Matrix Embedding With Pseudorandom Coefficient Selection and Error Correction for Robust and Secure Steganography. IEEE Transactions on Information Forensics and Security, 2010, 5, 225-239.	4.5	31
75	SigMal. , 2013, , .		31
76	Statistical restoration for robust and secure steganography. , 2005, , .		30
77	Efficient and Robust Detection of Duplicate Videos in a Large Database. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 870-885.	5.6	30
78	Context-Aware Hypergraph Modeling for Re-identification and Summarization. IEEE Transactions on Multimedia, 2016, 18, 51-63.	5.2	30
79	Tau isoformâ€specific modulation of kinesinâ€driven microtubule gliding rates and trajectories as determined with tauâ€stabilized microtubules. Cytoskeleton, 2011, 68, 44-55.	1.0	29
80	Multi-Label Learning With Fused Multimodal Bi-Relational Graph. IEEE Transactions on Multimedia, 2014, 16, 403-412.	5.2	29
81	Texture-based pattern retrieval from image databases. Multimedia Tools and Applications, 1996, 2, 35-51.	2.6	26
82	Steganalysis of quantization index modulation data hiding. , 0, , .		25
83	Automatic video annotation through search and mining. , 2008, , .		25
84	<title>Video fingerprinting: features for duplicate and similar video detection and query-based video retrieval</title>. Proceedings of SPIE, 2008, , .	0.8	25
85	Probabilistic occlusion boundary detection on spatio-temporal lattices. , 2009, , .		25
86	Beyond Spatial Auto-Regressive Models: Predicting Housing Prices with Satellite Imagery. , 2017, , .		25
87	Weakly Supervised Graph Based Semantic Segmentation by Learning Communities of Image-Parts. , 2015, , .		24
88	Subset selection for active object recognition. , 0, , .		23
89	<title>Image indexing using a texture dictionary</title>. , 1995, 2606, 288.		22
90	Affine-invariant curve matching. , 0, , .		22

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91	Browsing large satellite and aerial photographs. , 0, , .		21
92	Dimensionality reduction using multi-dimensional scaling for content-based retrieval. , 0, , .		21
93	Automated Tracking and Modeling of Microtubule Dynamics. , 0, , .		21
94	A Multiview Multimodal System for Monitoring Patient Sleep. IEEE Transactions on Multimedia, 2018, 20, 3057-3068.	5.2	21
95	Adaptive filtering and indexing for image databases. , 1995, 2420, 12.		20
96	An eigenspace update algorithm for image analysis. , 0, , .		20
97	Guest editorial introduction to the special issue on image and video processing for digital libraries. IEEE Transactions on Image Processing, 2000, 9, 1-2.	6.0	19
98	Characterizing spatial distributions of astrocytes in the mammalian retina. Bioinformatics, 2015, 31, 2024-2031.	1.8	19
99	Three-dimensional Analysis and Reconstruction of Additively Manufactured Materials in the Cloud-Based BisQue Infrastructure. Integrating Materials and Manufacturing Innovation, 2019, 8, 37-51.	1.2	19
100	MODEL-BASED TEXTURE SEGMENTATION AND CLASSIFICATION. , 1999, , 249-282.		19
101	A robust data hiding technique using multidimensional lattices. , 0, , .		18
102	A Mathematical Comparison of Point Detectors. , 0, , .		18
103	Use of imperfectly segmented nuclei in the classification of histopathology images of breast cancer. , 2010, , .		18
104	A Nonconservative Flow Field for Robust Variational Image Segmentation. IEEE Transactions on Image Processing, 2010, 19, 478-490.	6.0	18
105	Graph-Based Topic-Focused Retrieval in Distributed Camera Network. IEEE Transactions on Multimedia, 2013, 15, 2046-2057.	5.2	18
106	Synapse classification and localization in Electron Micrographs. Pattern Recognition Letters, 2014, 43, 17-24.	2.6	18
107	Eye tracking assisted extraction of attentionally important objects from videos. , 2015, , .		18
108	Estimating and undoing rotation for print-scan resilient data hiding. , 0, , .		17

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109	Tracing Curvilinear Structures in Live Cell Images. , 2007, , .		17
110	From Where and How to What We See. , 2013, , .		17
111	Saccade gaze prediction using a recurrent neural network. , 2017, , .		17
112	An efficient low-dimensional color indexing scheme for region-based image retrieval. , 1999, , .		16
113	High-volume data hiding in images: Introducing perceptual criteria into quantization based embedding. , 2002, , .		16
114	Multi-Focus Imaging using Local Focus Estimation and Mosaicking. , 2006, , .		16
115	Superpixel Embedding Network. IEEE Transactions on Image Processing, 2020, 29, 3199-3212.	6.0	16
116	A computational approach to boundary detection. , 0, , .		15
117	On the Length and Area Regularization for Multiphase Level Set Segmentation. International Journal of Computer Vision, 2010, 90, 267-282.	10.9	15
118	Color image embedding using multidimensional lattice structures. , 0, , .		14
119	Image segmentation using curve evolution and flow fields. , 0, , .		14
120	Model based dynamics analysis in live cell microtubule images. BMC Cell Biology, 2007, 8, S4.	3.0	14
121	Unified hypergraph for image ranking in a multimodal context. , 2012, , .		14
122	A Motion Activity Descriptor and Its Extraction in Compressed Domain. Lecture Notes in Computer Science, 2001, , 450-457.	1.0	14
123	Activity Analysis in Microtubule Videos by Mixture of Hidden Markov Models. , 0, , .		13
124	Distributed particle filter tracking with online multiple instance learning in a camera sensor network. , 2010, , .		13
125	Accurate 3D Cell Segmentation Using Deep Features and CRF Refinement. , 2019, , .		13
126	Modeling object classes in aerial images using texture motifs. , 0, , .		12

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127	Nearest neighbor search for relevance feedback. , 0, , .		12
128	Secure Steganography: Statistical Restoration of the Second Order Dependencies for Improved Security. , 2007, , .		12
129	Probabilistic subspace-based learning of shape dynamics modes for multi-view action recognition. , 2011, , .		12
130	Multicamera video summarization and anomaly detection from activity motifs. ACM Transactions on Sensor Networks, 2014, 10, 1-30.	2.3	12
131	<title>NeTra-V: toward an object-based video representation</title>. , 1997, 3312, 202.		11
132	Multiband Techniques for Texture Classification and Segmentation. , 2005, , 455-470.		11
133	Deformable trellis: open contour tracking in bio-image sequences. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	11
134	Improving the quality of depth image based rendering for 3D Video systems. , 2009, , .		11
135	PixNet: A Localized Feature Representation for Classification and Visual Search. IEEE Transactions on Multimedia, 2015, 17, 616-625.	5.2	11
136	Gabor wavelet transform and application to problems in early vision. , 0, , .		10
137	A robust method for detecting image features with application to face recognition and motion correspondence. , 0, , .		10
138	Dimensionality reduction for image retrieval. , 0, , .		10
139	Category-based image retrieval. , 0, , .		10
140	Image segmentation using multi-region stability and edge strength. , 0, , .		10
141	On the Rayleigh nature of Gabor filter outputs. , 0, , .		10
142	Improving re-sampling detection by adding noise. , 2010, , .		10
143	Particle Filter Tracking with Online Multiple Instance Learning. , 2010, , .		10
144	Weakly Supervised Manifold Learning for Dense Semantic Object Correspondence. , 2017, , .		10

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145	Drums and Curve Descriptors. , 2004, , .		10
146	<title>Registration and fusion of multispectral images using a new control point assessment method derived from optical flow ideas</title>. , 1999, , .		9
147	<title>Technique for image data hiding and reconstruction without host image</title>. , 1999, , .		9
148	Probabilistic motion parameter models for human activity recognition. , 0, , .		9
149	Representation of motion activity in hierarchical levels for video indexing and filtering. , 0, , .		9
150	LLRT based detection of LSB hiding. , 0, , .		9
151	Drums, curve descriptors and affine invariant region matching. Image and Vision Computing, 2008, 26, 347-360.	2.7	9
152	Estimation of optimum coding redundancy and frequency domain analysis of attacks for YASS - a randomized block based hiding scheme. , 2008, , .		9
153	Robust Simultaneous Registration and Segmentation with Sparse Error Reconstruction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 425-436.	9.7	9
154	Calibrating a wide-area camera network with non-overlapping views using mobile devices. ACM Transactions on Sensor Networks, 2014, 10, 1-24.	2.3	9
155	Eye-CU: Sleep pose classification for healthcare using multimodal multiview data. , 2016, , .		9
156	Sleep Pose Recognition in an ICU Using Multimodal Data and Environmental Feedback. Lecture Notes in Computer Science, 2015, , 56-66.	1.0	9
157	Markov Random Fields and Neural Networks with Applications to Early Vision Problems. Machine Intelligence and Pattern Recognition, 1991, 11, 155-174.	0.2	9
158	Image segmentation using curve evolution and region stability. , 0, , .		8
159	Optical-to-SAR image registration using the active contour model. , 0, , .		8
160	Image adaptive high volume data hiding based on scalar quantization. , 0, , .		8
161	Joint source-channel coding scheme for image-in-image data hiding. , 0, , .		8
162	TRACING MICROTUBULES IN LIVE CELL IMAGES. , 2007, , .		8

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163	Robust dynamical model for simultaneous registration and segmentation in a variational framework: A Bayesian approach. , 2009, , .		8
164	Membrane segmentation via active learning with deep networks. , 2016, , .		8
165	CellECT: cell evolution capturing tool. BMC Bioinformatics, 2016, 17, 88.	1.2	8
166	BisQue for 3D Materials Science in the Cloud: Microstructureâ€"Property Linkages. Integrating Materials and Manufacturing Innovation, 2019, 8, 52-65.	1.2	8
167	3D Grain Shape Generation in Polycrystals Using Generative Adversarial Networks. Integrating Materials and Manufacturing Innovation, 2022, 11, 71-84.	1.2	8
168	<title>Approach to efficient storage, retrieval, and browsing of large-scale image databases</title>. , 1995, , .		7
169	A semantic representation for image retrieval. , 0, , .		7
170	Determining Achievable Rates for Secure, Zero Divergence, Steganography. , 2006, , .		7
171	VISNET: A distributed vision testbed. , 2008, , .		7
172	Adding Gaussian noise to “denoise” JPEG for detecting image resizing. , 2009, , .		7
173	Anatomical parts-based regression using non-negative matrix factorization. , 2010, , 2863-2870.		7
174	An automatic feature based model for cell segmentation from confocal microscopy volumes. , 2011, , 199-203.		7
175	Learning top down scene context for visual attention modeling in natural images. , 2013, , .		7
176	Marine Biodiversity Classification Using Dropout Regularization. , 2014, , .		7
177	People Tracking in Camera Networks: Three Open Questions. Computer, 2015, 48, 78-86.	1.2	7
178	Texture Features for Image Retrieval. , 0, , 313-344.		6
179	Video region segmentation by spatio-temporal watersheds. , 0, , .		6
180	Redundancy in All Pairs Fast Marching Method. , 2006, , .		6

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181	Graph cut segmentation of neuronal structures from transmission electron micrographs. , 2008, , .		6
182	Conditional iterative decoding of Two Dimensional Hidden Markov Models. , 2008, , .		6
183	Unified probabilistic framework for simultaneous detection and tracking of multiple objects with application to bio-image sequences. , 2012, , .		6
184	Learning bottom-up text attention maps for text detection using stroke width transform. , 2013, , .		6
185	Object-based representations of spatial images. Acta Astronautica, 2001, 48, 567-577.	1.7	5
186	Object localization using texture motifs and Markov random fields. , 0, , .		5
187	Fast and Adaptive Pairwise Similarities for Graph Cuts-based Image Segmentation. , 0, , .		5
188	Edge Preserving Filters using Geodesic Distances on Weighted Orthogonal Domains. Proceedings International Conference on Image Processing, 2007, , .	0.0	5
189	Double embedding in the quantization index modulation framework. , 2009, , .		5
190	Multiple Structure Tracing in 3D Electron Micrographs. Lecture Notes in Computer Science, 2011, 14, 613-620.	1.0	5
191	Robust biological image sequence analysis using graph based approaches. , 2012, , .		5
192	Multiple view discriminative appearance modeling with IMCMC for distributed tracking. , 2013, , .		5
193	Robust multiple object tracking by detection with interacting Markov chain Monte Carlo. , 2013, , .		5
194	An end-to-end system for content-based video retrieval using behavior, actions, and appearance with interactive query refinement. , 2015, , .		5
195	HAPSSA: Holistic Approach to PDF malware detection using Signal and Statistical Analysis. , 2021, , .		5
196	Contour-based multisensor image registration. , 0, , .		4
197	Progressive-resolution transmission and lossless compression of color images for digital image libraries. , 0, , .		4
198	Image processing in the Alexandria Digital Library project. , 0, , .		4

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199	Panoramic capturing and recognition of human activity. , 0, , .		4
200	Using texture to annotate remote sensed datasets. , 0, , .		4
201	Normalized Texture Motifs and Their Application to Statistical Object Modeling. , 0, , .		4
202	A Variational Approach to Exploit Prior Information in Object-Background Segregation: Application to Retinal Images. , 2007, , .		4
203	Spatio-temporal optical flow statistics (STOFS) for activity classification. , 2010, , .		4
204	Design and implementation of a wide area, large-scale camera network. , 2010, , .		4
205	Segmentation of ascidian notochord cells in DIC timelapse images. Microscopy Research and Technique, 2011, 74, 727-734.	1.2	4
206	Object browsing and searching in a camera network using graph models. , 2012, , .		4
207	Simultaneous cell tracking and image alignment in 3D CLSM imagery of growing Arabidopsis thaliana sepals. , 2013, , .		4
208	Search Tracker: Human-Derived Object Tracking in the Wild Through Large-Scale Search and Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1803-1814.	5.6	4
209	Semi Supervised Segmentation And Graph-Based Tracking Of 3d Nuclei In Time-Lapse Microscopy. , 2021, , .		4
210	A Computational Geometry Approach forÂModeling Neuronal Fiber Pathways. Lecture Notes in Computer Science, 2021, 12908, 175-185.	1.0	4
211	An Adaptive Index Structure for High-Dimensional Similarity Search. Lecture Notes in Computer Science, 2001, , 71-78.	1.0	4
212	A Linear Program Formulation for the Segmentation of Ciona Membrane Volumes. Lecture Notes in Computer Science, 2013, 16, 444-451.	1.0	4
213	OMD: Orthogonal Malware Detection using Audio, Image, and Static Features. , 2021, , .		4
214	Spatio-temporal relationships and video object extraction. , 0, , .		3
215	Quantitative Analysis of Immunofluorescent Retinal Images. , 0, , .		3
216	Towards Automated Bioimage Analysis: From Features to Semantics. , 0, , .		3

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217	Retina Layer Segmentation and Spatial Alignment of Antibody Expression Levels. , 2007, , .		3
218	Generalized simultaneous registration and segmentation. , 2010, , .		3
219	Context-aware graph modeling for object search and retrieval in a wide area camera network. , 2013, , .		3
220	A Quantitative Object-Level Metric for Segmentation Performance and Its Application to Cell Nuclei. , 2007, , 208-219.		3
221	Automated Segmentation and Connectivity Analysis for Normal Pressure Hydrocephalus. BME Frontiers, 2022, 2022, .	2.2	3
222	Recording the region of interest from FlyCam panoramic video. , 0, , .		2
223	<title>An adaptive index structure for similarity search in large image databases</title>. , 2001, , .		2
224	Reference-based probabilistic segmentation as non-rigid registration using Thin Plate Splines. , 2008, , .		2
225	Graphical Model-Based Tracking of Curvilinear Structures in Bio-image Sequences. , 2010, , .		2
226	Interactive graph cut segmentation of touching neuronal structures from electron micrographs. , 2010, , .		2
227	Camera Alignment Using Trajectory Intersections in Unsynchronized Videos. , 2013, , .		2
228	Retrieval of Images with Objects of Specific Size, Location, and Spatial Configuration. , 2015, , .		2
229	Healthcare Event and Activity Logging. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-12.	2.2	2
230	An Order Preserving Bilinear Model for Person Detection in Multi-Modal Data. , 2018, , .		2
231	Acquisition, Reconstruction and Curation of Multimodal 3D TriBeam Data. Microscopy and Microanalysis, 2019, 25, 354-355.	0.2	2
232	Seam Carving Detection and Localization Using Two-Stage Deep Neural Networks. Lecture Notes in Electrical Engineering, 2021, , 381-394.	0.3	2
233	Color Image Segmentation Using Anisotropic Diffusion and Agglomerative Hierarchical Clustering. Lecture Notes in Computer Science, 2002, , 759-766.	1.0	2
234	Duplicate Image Detection in Large Scale Databases. Statistical Science and Interdisciplinary Research, 2008, , 149-166.	0.0	2

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235	Scalable Tracing of Electron Micrographs by Fusing Top Down and Bottom Up Cues Using Hypergraph Diffusion. Lecture Notes in Computer Science, 2012, 15, 321-328.	1.0	2
236	Deep Eye-CU (DECU): Summarization ofÂPatient Motion in the ICU. Lecture Notes in Computer Science, 2016, , 178-194.	1.0	2
237	A Model Based Approach To Detecting Spinal Disk Degenerations From MRI Data. , 0, , .		1
238	Reversible wavelet and spectral transforms for lossless compression of color images. , 0, , .		1
239	Issues for image/video digital libraries. , 0, , .		1
240	Image segmentation using curve evolution. , 2001, , .		1
241	Modeling object classes in aerial images using hidden Markov models. , 0, , .		1
242	Interactive segmentation using curve evolution and relevance feedback. , 0, , .		1
243	Graph Partitioning Active Contours for Knowledge-Based Geo-Spatial Segmentation. , 0, , .		1
244	Pairwise Similarities across Images for Multiple View Rigid/Non-Rigid Segmentation and Registration. , 2007, , .		1
245	Estimating Steganographic Capacity for Odd-Even Based Embedding and its Use in Individual Compensation. Proceedings International Conference on Image Processing, 2007, , .	0.0	1
246	An automatic method to learn and transfer the photometric appearance of partially overlapping images. , 2008, , .		1
247	Steganographic capacity estimation for the statistical restoration framework. Proceedings of SPIE, 2008, , .	0.8	1
248	Object Tracking with Ratio Cycles Using Shape and Appearance Cues. , 2010, , .		1
249	Obtaining Higher Rates for Steganographic Schemes While Maintaining the Same Detectability. Lecture Notes in Computer Science, 2010, , 178-192.	1.0	1
250	A curvicylindrical coordinate system for the visualization and segmentation of the ascidian tail. , 2011, , 182-186.		1
251	Online parameter estimation in dynamic Markov Random Fields for image sequence analysis. , 2012, , .		1
252	Features we trust!. , 2015, , .		1

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253	UAVSensor Fusion with Latent-Dynamic Conditional Random Fields in Coronal Plane Estimation. , 2016, , .		1
254	Image dependent log-likelihood ratio allocation for repeat accumulate code-based decoding in data hiding channels. , 2010, , .		1
255	System for automatic registration of remote sensing images. , 0, , .		0
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