

Wavelet-based statistical signal processing using hidden

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A new Bayesian model averaging framework for wavelet-based signal processing. , 0, , .		2
2	Lapped transform domain denoising using hidden Markov trees. , 0, , .		6
3	A trainable hierarchical hidden Markov tree model for color image annotation. , 0, , .		2
4	Contextual hidden Markov models for wavelet-domain signal processing. , 0, , .		45
5	Multiscale Bayesian estimation of Poisson intensities. , 0, , .		17
6	Wavelet thresholding via a Bayesian approach. Journal of the Royal Statistical Society Series B: Statistical Methodology, 1998, 60, 725-749.	1.1	375
7	Bayesian wavelet-based signal estimation using non-informative priors. , 0, , .		5
8	The slantlet transform. , 0, , .		7
9	Wavelet transforms and denoising algorithms. , 0, , .		10
10	Multiscale texture segmentation using wavelet-domain hidden Markov models. , 0, , .		8
11	Trainable context model for multiscale segmentation. , 0, , .		14
12	Wavelet-domain modeling and estimation of Poisson processes. , 0, , .		1
13	Statistical inference for a stochastic multiresolution image decomposition scheme. , 0, , .		0
14	Process Trend Analysis Using Wavelet-Based De-Noising. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 17-22.	0.4	5
15	Simplified wavelet-domain hidden Markov models using contexts. , 0, , .		7
16	Stationary wavelet-based intensity models for photon-limited imaging. , 0, , .		4
17	Bayesian wavelet-domain image modeling using hidden Markov trees. , 0, , .		9
18	Image denoising based on scale-space mixture modeling of wavelet coefficients. , 0, , .		17

#	ARTICLE	IF	CITATIONS
19	Bayesian Multiscale Models for Poisson Processes. Journal of the American Statistical Association, 1999, 94, 920-933.	1.8	81
20	Multiscale entropy filtering. Signal Processing, 1999, 76, 147-165.	2.1	31
21	Multiscale modeling and estimation of Poisson processes with application to photon-limited imaging. IEEE Transactions on Information Theory, 1999, 45, 846-862.	1.5	140
22	Multiscale autoregressive models and wavelets. IEEE Transactions on Information Theory, 1999, 45, 828-845.	1.5	46
23	A multifractal wavelet model with application to network traffic. IEEE Transactions on Information Theory, 1999, 45, 992-1018.	1.5	443
24	Some Observations on the Tractability of Certain Multi-Scale Models. Lecture Notes in Statistics, 1999, , 51-66.	0.1	4
25	Prior Elicitation in the Wavelet Domain. Lecture Notes in Statistics, 1999, , 83-94.	0.1	3
26	Best Basis Representations with Prior Statistical Models. Lecture Notes in Statistics, 1999, , 155-172.	0.1	18
27	Empirical Bayesian Spatial Prediction Using Wavelets. Lecture Notes in Statistics, 1999, , 203-222.	0.1	4
28	Geometrical Priors for Noisefree Wavelet Coefficients in Image Denoising. Lecture Notes in Statistics, 1999, , 223-242.	0.1	8
29	<title>Optimal tree approximation with wavelets</title>. , 1999, 3813, 196.		39
30	Shift-invariant denoising using wavelet-domain hidden Markov trees. , 0, , .		16
31	Analysis of multiscale texture segmentation using wavelet-domain hidden Markov models. , 0, , .		1
32	Sequential Bayesian wavelet denoising. , 0, , .		2
33	Hidden Markov models for multispect target classification. IEEE Transactions on Signal Processing, 1999, 47, 2035-2040.	3.2	105
34	Spatially adaptive statistical modeling of wavelet image coefficients and its application to denoising. , 1999, , .		108
35	The slantlet transform. IEEE Transactions on Signal Processing, 1999, 47, 1304-1313.	3.2	105
36	Low-complexity image denoising based on statistical modeling of wavelet coefficients. IEEE Signal Processing Letters, 1999, 6, 300-303.	2.1	668

#	ARTICLE	IF	CITATIONS
37	Wavelet based image denoising: VQ - Bayesian technique. Electronics Letters, 1999, 35, 1625.	0.5	4
38	<title>Wavelet statistical models and Besov spaces</title>. , 1999, , .		56
39	Wavelet-domain regularized deconvolution for ill-conditioned systems. , 0, , .		16
41	Wavelet folding and decorrelation across the scale. , 0, , .		0
42	Multiscale texture segmentation using hybrid contextual labeling tree. , 0, , .		2
43	Detection and classification of abnormal process situations using multidimensional wavelet domain hidden Markov trees. Computers and Chemical Engineering, 2000, 24, 769-775.	2.0	30
44	A wavelet-based interpolation-restoration method for superresolution (wavelet superresolution). Circuits, Systems, and Signal Processing, 2000, 19, 321-338.	1.2	135
45	Process trend analysis using wavelet-based de-noising. Control Engineering Practice, 2000, 8, 657-663.	3.2	12
46	Wavelet Analysis and its Statistical Applications. Journal of the Royal Statistical Society: Series D (the Tj ETQq0 0 0 rgBT /Overlock 10 TF	0.2	148
47	Wavelet thresholding via MDL for natural images. IEEE Transactions on Information Theory, 2000, 46, 1778-1788.	1.5	82
48	Multiresolution image classification by hierarchical modeling with two-dimensional hidden Markov models. IEEE Transactions on Information Theory, 2000, 46, 1826-1841.	1.5	87
49	Multiscale classification using complex wavelets and hidden Markov tree models. , 2000, , .		33
50	Representation of 1/f signal with wavelet bases. Science in China Series D: Earth Sciences, 2000, 43, 380-386.	0.9	1
51	Hidden Markov tree modeling of complex wavelet transforms. , 0, , .		45
52	Speckle reduction of SAR images using wavelet-domain hidden Markov models. , 0, , .		4
53	Prediction of image detail. , 2000, , .		28
54	Multiresolution hidden Markov trees for analysis of automatic target recognition algorithms. , 2000, , .		0
55	Pattern extraction and synthesis using a hierarchical wavelet-based framework. , 2000, , .		4

#	ARTICLE	IF	CITATIONS
56	On the transmission of a class of hidden Markov sources over Gaussian channels with applications to image communication. , 0, , .		0
57	Assessing blockage of the sensing line in a differential-pressure flow sensor by using the wavelet transform of its output. Measurement Science and Technology, 2000, 11, 178-184.	1.4	13
58	Bayesian tree-structured image modeling. , 0, , .		2
59	Image denoising using a local Gaussian scale mixture model in the wavelet domain. , 2000, 4119, 363.		43
60	Image denoising using tree-based wavelet subband correlations and shrinkage. Optical Engineering, 2000, 39, 2900.	0.5	20
61	Adaptive wavelet thresholding for image denoising and compression. IEEE Transactions on Image Processing, 2000, 9, 1532-1546.	6.0	2,229
62	Overcomplete image representations and locally best model selection. , 0, , .		0
63	A novel hierarchical wavelet-based framework for pattern analysis and synthesis. , 0, , .		2
64	Electric power transient disturbance classification using wavelet-based hidden Markov models. , 0, , .		9
65	Maximum likelihood texture analysis and classification using wavelet-domain hidden Markov models. , 0, , .		14
66	Wavelet-based image denoising using hidden Markov models. , 0, , .		1
67	Rate distortion behavior of threshold-based nonlinear approximations. , 0, , .		2
68	Discrete Markov image modeling and inference on the quadtree. IEEE Transactions on Image Processing, 2000, 9, 390-404.	6.0	146
69	Deterministic/Stochastic Wavelet Decomposition for Recovery of Signal From Noisy Data. Technometrics, 2000, 42, 262-276.	1.3	33
70	Denoising via Nonorthogonal Wavelet Transforms. , 2001, , 67-80.		3
71	Empirical Bayes Approach to Improve Wavelet Thresholding for Image Noise Reduction. Journal of the American Statistical Association, 2001, 96, 629-639.	1.8	77
72	ECG segmentation and P-wave feature extraction: application to patients prone to atrial fibrillation. , 0, , .		13
73	Detection, synthesis and compression in mammographic image analysis with a hierarchical image probability model. , 0, , .		46

#	ARTICLE	IF	CITATIONS
74	Bayesian tree-structured image modeling using wavelet-domain hidden Markov models. IEEE Transactions on Image Processing, 2001, 10, 1056-1068.	6.0	389
75	Improved hidden Markov models in the wavelet-domain. IEEE Transactions on Signal Processing, 2001, 49, 115-120.	3.2	68
76	Information-theoretic analysis of interscale and intrascale dependencies between image wavelet coefficients. IEEE Transactions on Image Processing, 2001, 10, 1647-1658.	6.0	215
77	Power Disturbance Classifier Using a Rule-Based Method and Wavelet Packet-Based Hidden Markov Model. IEEE Power Engineering Review, 2001, 21, 63-64.	0.1	28
78	A joint multicontext and multiscale approach to Bayesian image segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2001, 39, 2680-2688.	2.7	48
79	Multiscale image segmentation using wavelet-domain hidden Markov models. IEEE Transactions on Image Processing, 2001, 10, 1309-1321.	6.0	286
80	Wavelets, approximation, and compression. IEEE Signal Processing Magazine, 2001, 18, 59-73.	4.6	156
81	Wavelet-based denoising using hidden Markov models. , 0, , .		8
82	Multiscale edge grammars for complex wavelet transforms. , 0, , .		18
83	On context-based Bayesian image segmentation: joint multi-context and multiscale approach and wavelet-domain hidden Markov models. , 2001, , .		3
84	Image denoising using a local contextual hidden Markov model in the wavelet domain. IEEE Signal Processing Letters, 2001, 8, 125-128.	2.1	126
85	Wavelet-based MAP image denoising using provably better class of stochastic i.i.d. image models. , 0, , .		7
86	Multiscale Bayesian segmentation using a trainable context model. IEEE Transactions on Image Processing, 2001, 10, 511-525.	6.0	87
87	Wavelet-based image estimation: an empirical Bayes approach using Jeffrey's noninformative prior. IEEE Transactions on Image Processing, 2001, 10, 1322-1331.	6.0	181
88	A simple algorithm for surface denoising. , 0, , .		9
89	Modeling the correlation structure of images in the wavelet domain. , 0, , .		0
90	Automatic Technique for Spectral Analysis. , 0, , 394-396.		0
91	Can recent innovations in harmonic analysis `explain' key findings in natural image statistics?. Network: Computation in Neural Systems, 2001, 12, 371-393.	2.2	53

#	ARTICLE	IF	CITATIONS
92	A wavelet-based statistical model for image restoration. , 0, , .		6
93	Entropy and astronomical data analysis: Perspectives from multiresolution analysis. Astronomy and Astrophysics, 2001, 368, 730-746.	2.1	41
94	Dual hidden Markov model for characterizing wavelet coefficients from multi-aspect scattering data. Signal Processing, 2001, 81, 1303-1316.	2.1	28
95	Multiscale Sharpening and Smoothing in Besov Spaces with Applications to Image Enhancement. Applied and Computational Harmonic Analysis, 2001, 11, 2-31.	1.1	19
96	Random Cascades on Wavelet Trees and Their Use in Analyzing and Modeling Natural Images. Applied and Computational Harmonic Analysis, 2001, 11, 89-123.	1.1	175
97	Regularization of Wavelet Approximations. Journal of the American Statistical Association, 2001, 96, 939-967.	1.8	374
98	Wavelets and Imaging Informatics: A Review of the Literature. Journal of Biomedical Informatics, 2001, 34, 129-141.	2.5	31
99	An empirical bayes estimator of seismic events using wavelet packet bases. Journal of Agricultural, Biological, and Environmental Statistics, 2001, 6, 379-406.	0.7	14
100	Fast wavelet-based image deconvolution using the EM algorithm. , 2001, , .		39
101	Infrared-image classification using expansion matching filters and hidden Markov trees. , 0, , .		1
102	Image interpolation using wavelet based hidden Markov trees. , 0, , .		70
103	Image deconvolution using hidden Markov tree modeling of complex wavelet packets. , 0, , .		20
104	Spatially adaptive radar speckle reduction using wavelet denoising and Markov random fields. , 0, , .		0
105	Adaptive Wiener denoising using a Gaussian scale mixture model in the wavelet domain. , 0, , .		79
106	Wavelet shrinkage with correlated wavelet coefficients. , 0, , .		5
107	Usage of wavelet transform for statistic prior presentation in image processing problems. , 0, , .		0
108	Efficient wavelet-based image denoising algorithm. Electronics Letters, 2001, 37, 683.	0.5	47
109	Adaptive wavelet graph model for Bayesian tomographic reconstruction. IEEE Transactions on Image Processing, 2002, 11, 756-770.	6.0	42

#	ARTICLE	IF	CITATIONS
110	Regularization of deconvolution using steerable pyramids. , 0, , .		1
111	Subband adaptive image denoising via bivariate shrinkage. , 0, , .		3
112	A study of supervised, semi-supervised and unsupervised multiscale Bayesian image segmentation. , 0, , .		7
113	Adaptive discriminant wavelet features for statistical object detection. , 2002, , .		1
114	Document segmentation using wavelet-domain multi-state hidden Markov models. , 0, , .		0
115	Wavelet-based adaptive image deconvolution. , 2002, , .		3
116	Efficient face detection with multiscale sequential classification. , 0, , .		1
117	Image restoration under wavelet-domain priors: an expectation-maximization approach. , 0, , .		2
118	Hidden Markov tree based transient estimation for audio coding. , 0, , .		2
119	A bivariate shrinkage function for wavelet-based denoising. , 2002, , .		14
120	Rotation invariant texture characterization and retrieval using steerable wavelet-domain hidden Markov models. IEEE Transactions on Multimedia, 2002, 4, 517-527.	5.2	181
121	Multivariate shrinkage functions for wavelet-based denoising. , 0, , .		3
122	Unsupervised image segmentation via Markov trees and complex wavelets. , 0, , .		19
123	Probabilistic Models of the Brain.. Neurosurgery Quarterly, 2002, 12, 312.	0.1	10
124	Image Zooming: Use of Wavelets. , 2002, , 21-44.		5
125	Tree-Adapted Wavelet Shrinkage. Advances in Imaging and Electron Physics, 2002, 124, 343-394.	0.1	5
126	Multitarget tracking with HRR wavelets features. , 2002, , .		3
127	SAR speckle reduction using wavelet denoising and Markov random field modeling. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 2196-2212.	2.7	330

#	ARTICLE	IF	CITATIONS
128	The curvelet transform for image denoising. IEEE Transactions on Image Processing, 2002, 11, 670-684.	6.0	1,780
129	Bivariate shrinkage functions for wavelet-based denoising exploiting interscale dependency. IEEE Transactions on Signal Processing, 2002, 50, 2744-2756.	3.2	812
130	A joint inter- and intrascale statistical model for Bayesian wavelet based image denoising. IEEE Transactions on Image Processing, 2002, 11, 545-557.	6.0	228
131	<title>Matching statistical object models to real images</title>. , 2002, 4686, 37.		1
132	Bivariate shrinkage with local variance estimation. IEEE Signal Processing Letters, 2002, 9, 438-441.	2.1	500
133	Power disturbance classifier using a rule-based method and wavelet packet-based hidden Markov model. IEEE Transactions on Power Delivery, 2002, 17, 233-241.	2.9	93
134	Sequential modeling for identifying CpG island locations in human genome. IEEE Signal Processing Letters, 2002, 9, 407-409.	2.1	11
135	A study of contextual modeling and texture characterization for multiscale Bayesian segmentation. , 0, , .		0
136	An efficient algorithm for frame-based signal processing. , 0, , .		0
137	Discriminant analysis and adaptive wavelet feature selection for statistical object detection. , 0, , .		2
138	Wavelet-based partial discharge denoising using hidden Markov model. , 0, , .		3
139	Nonparametric Hypothesis Testing for a Spatial Signal. Journal of the American Statistical Association, 2002, 97, 1122-1140.	1.8	51
140	HMM-based multiresolution image segmentation. , 2002, , .		9
141	Multiresolution Markov models for signal and image processing. Proceedings of the IEEE, 2002, 90, 1396-1458.	16.4	227
142	Infrared-image classification using hidden Markov trees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 1394-1398.	9.7	32
143	A wavelet transform coder supporting browsing and transmission of sea ice SAR imagery. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 2464-2485.	2.7	3
144	Combining belief networks and neural networks for scene segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 467-483.	9.7	62
145	Wavelet-based unsupervised SAR image segmentation using hidden Markov tree models. , 0, , .		7

#	ARTICLE	IF	CITATIONS
146	Multi-Resolution and Wavelet Representations for Identifying Signatures of Disease. Disease Markers, 2002, 18, 339-363.	0.6	19
147	Hidden Markov processes. IEEE Transactions on Information Theory, 2002, 48, 1518-1569.	1.5	580
148	On the importance of combining wavelet-based nonlinear approximation with coding strategies. IEEE Transactions on Information Theory, 2002, 48, 1895-1921.	1.5	94
149	Smoothness Estimates for Soft-Threshold Denoising via Translation-Invariant Wavelet Transforms. Applied and Computational Harmonic Analysis, 2002, 12, 1-24.	1.1	36
150	Art-2 and multiscale art-2 for on-line process fault detection – Validation via industrial case studies and Monte Carlo simulation. Annual Reviews in Control, 2002, 26, 113-127.	4.4	15
151	New multiscale transforms, minimum total variation synthesis: applications to edge-preserving image reconstruction. Signal Processing, 2002, 82, 1519-1543.	2.1	236
152	Posterior probability intervals for wavelet thresholding. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2002, 64, 189-205.	1.1	21
153	Markov Random Field Modeling in Median Pyramidal Transform Domain for Denoising Applications. Journal of Mathematical Imaging and Vision, 2002, 16, 237-249.	0.8	1
154	Combined wavelet domain and temporal video denoising. , 0, , .		35
155	Wavelet-based texture analysis and synthesis using hidden markov models. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 106-120.	0.1	123
156	A Generative Probabilistic Oriented Wavelet Model for Texture Segmentation. Neural Processing Letters, 2003, 17, 217-238.	2.0	1
157	A complex wavelet domain Markov model for image denoising. , 0, , .		4
158	Role of statistical symmetries in sensory coding: an optimal scale invariant code for vision. Journal of Physiology (Paris), 2003, 97, 491-502.	2.1	4
159	Detecting abnormal process trends by wavelet-domain hidden Markov models. AIChE Journal, 2003, 49, 140-150.	1.8	31
160	Wavelets feature aided tracking (WFAT) using GMTI/HRR data. Signal Processing, 2003, 83, 2683-2690.	2.1	22
161	Hybrid inter- and intra-wavelet scale image restoration. Pattern Recognition, 2003, 36, 1737-1746.	5.1	33
162	Dynamic trees for image modelling. Image and Vision Computing, 2003, 21, 865-877.	2.7	14
163	Modeling heavy-tailed correlated noise with wavelet packet basis functions. Journal of Statistical Planning and Inference, 2003, 112, 99-114.	0.4	11

#	ARTICLE	IF	CITATIONS
164	Maxima of the continuous wavelet transform of correlated data. Applied and Computational Harmonic Analysis, 2003, 15, 1-17.	1.1	1
165	A multi-scale probabilistic network model for detection, synthesis and compression in mammographic image analysis. Medical Image Analysis, 2003, 7, 187-204.	7.0	14
166	A versatile wavelet domain noise filtration technique for medical imaging. IEEE Transactions on Medical Imaging, 2003, 22, 323-331.	5.4	450
167	An EM algorithm for wavelet-based image restoration. IEEE Transactions on Image Processing, 2003, 12, 906-916.	6.0	938
168	Wavelet-based level set evolution for classification of textured images. IEEE Transactions on Image Processing, 2003, 12, 1634-1641.	6.0	99
169	Wavelet footprints: theory, algorithms, and applications. IEEE Transactions on Signal Processing, 2003, 51, 1306-1323.	3.2	97
170	Image denoising using scale mixtures of gaussians in the wavelet domain. IEEE Transactions on Image Processing, 2003, 12, 1338-1351.	6.0	1,836
171	Speckle reduction for remote-sensing images using contextual hidden Markov tree model. , 0, , .		0
172	Image modeling with position-encoding dynamic trees. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 859-871.	9.7	30
173	Response error correction-a demonstration of improved human-machine performance using real-time EEG monitoring. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2003, 11, 173-177.	2.7	116
174	Adaptive principal components and image denoising. , 0, , .		131
175	Post-processing noise removal algorithm for magnetic resonance imaging based on edge detection and wavelet analysis. Physics in Medicine and Biology, 2003, 48, 1987-1995.	1.6	23
176	A bayesian transformation model for wavelet shrinkage. IEEE Transactions on Image Processing, 2003, 12, 1512-1521.	6.0	11
177	Fast approximation of Kullback-Leibler distance for dependence trees and hidden Markov models. IEEE Signal Processing Letters, 2003, 10, 115-118.	2.1	158
178	Multiscale hidden Markov model applied to ECG segmentation. , 0, , .		16
179	Application of array signal processing techniques to code division multiple access systems for blind channel estimation. , 0, , .		0
180	Two-phase Web site classification based on hidden Markov tree models. , 0, , .		4
181	A multi-scale generative model for animate shapes and parts. , 2003, , .		11

#	ARTICLE	IF	CITATIONS
182	Interscale image denoising with wavelet context modeling. , 0, , .		0
183	Rate-distortion modeling for multiscale binary shape coding based on markov random fields. IEEE Transactions on Image Processing, 2003, 12, 356-364.	6.0	12
184	A Gabor regression scheme for audio signal analysis. , 0, , .		3
185	Denoising through wavelet shrinkage: an empirical study. Journal of Electronic Imaging, 2003, 12, 151.	0.5	118
186	Bayes factors for edge detection from wavelet product spaces. Optical Engineering, 2003, 42, 1375.	0.5	6
187	Event-related potential noise reduction using the hidden Markov tree model. , 0, , .		17
188	Noise reduction for magnetic resonance images via adaptive multiscale products thresholding. IEEE Transactions on Medical Imaging, 2003, 22, 1089-1099.	5.4	238
189	Gaussian mixture models of texture and colour for image database retrieval. , 0, , .		62
190	Wavelet-domain HMT-based image super-resolution. , 0, , .		48
191	Hidden Gauss Markov model for multiscale remotely sensed image segmentation. , 2003, , .		2
192	Directional multiscale modeling of images using the contourlet transform. , 0, , .		50
193	Multiwavelets denoising using neighboring coefficients. IEEE Signal Processing Letters, 2003, 10, 211-214.	2.1	189
194	Spatially adaptive denoising based on mixture modeling and interscale dependencies of wavelet coefficients. , 2003, , .		0
195	Hidden Markov multiresolution texture segmentation using complex wavelets. , 0, , .		2
196	A statistical approach for image feature extraction in the wavelet domain. , 0, , .		3
197	On capturing likelihood disparity for unsupervised image segmentation. , 0, , .		0
198	Hierarchical markov models for wavelet-domain statistics. , 0, , .		2
199	Signal denoising using wavelet and block hidden Markov model. , 0, , .		2

#	ARTICLE	IF	CITATIONS
200	Fragile watermark based on the Gaussian mixture model in the wavelet domain for image authentication. , 0, , .		11
201	Wavelet-based level set evolution for classification of textured images. , 0, , .		9
202	Unsupervised Bayesian image segmentation using wavelet-domain hidden Markov models. , 0, , .		7
203	Sky/ground modeling for autonomous MAV flight. , 0, , .		36
204	Image restoration using Gaussian scale mixtures in the wavelet domain. , 0, , .		32
205	Supervised multimedia categorization. , 2003, , .		3
206	Novel signal shape descriptors through wavelet transforms and dimensionality reduction. , 2003, , .		6
207	<title>Multiscale geometric image processing</title>. , 2003, 5150, 1265.		24
208	<title>Spatially adaptive denoising using mixture modeling of wavelet coefficients</title>. , 2003, 5150, 1612.		0
209	Unsupervised texture segmentation using a statistical wavelet-based hierarchical multidata model. , 0, , .		1
210	Image denoising using learned overcomplete representations. , 0, , .		0
211	Directional multiscale statistical modeling of images. , 2003, 5207, 69.		12
212	Natural image modeling using complex wavelets. , 2003, 5207, 480.		9
213	Context-based graphical modeling for wavelet domain signal processing. , 0, , .		1
214	A geometric hidden Markov tree wavelet model. , 2003, 5207, 80.		16
215	Asymmetry of Information Flow between Volatilities Across Time Scales. SSRN Electronic Journal, 2003, , .	0.4	8
216	Threshold Selection in Transform Shrinkage. , 2003, , 343-364.		1
217	Deblocking of DCT-compressed images using noise injection followed by image denoising. , 0, , .		2

#	ARTICLE	IF	CITATIONS
218	Bayesian Wavelet Based Signal and Image Separation. AIP Conference Proceedings, 2004, , .	0.3	1
219	Intelligent missions for MAVs: visual contexts for control, tracking and recognition. , 2004, , .		7
220	Image processing using template model and wavelet domain hidden Markov model. , 0, , .		0
221	Multi-rate hidden Markov models and their application to machining tool-wear classification. , 0, , .		3
222	Fast multiresolution photon-limited image reconstruction. , 0, , .		24
223	Image interpolation based on inter-scale dependency in wavelet domain. , 0, , .		21
224	Texture image segmentation based on wavelet-domain hidden Markov models. , 0, , .		0
225	On the correlation of the DWT coefficients. , 0, , .		1
226	An extended sure approach for multicomponent image denoising. , 0, , .		8
227	Elevation contours extraction from a color-coded relief scanned map. , 0, , .		2
228	Pixel recovery via el minimization in the wavelet domain. , 0, , .		7
229	Hidden Markov tree image denoising with redundant lapped transforms. , 0, , .		3
230	Color Texture Analysis Using Wavelet-Based Hidden Markov Model. Lecture Notes in Computer Science, 2004, , 1043-1048.	1.0	1
231	A New Approach to Unsupervised Image Segmentation Based on Wavelet-Domain Hidden Markov Tree Models. Lecture Notes in Computer Science, 2004, , 41-48.	1.0	6
232	Scanned maps processing using wavelet domain hidden markov models. , 0, , .		3
233	Redundant Multiscale Transforms and Their Application for Morphological Component Separation. Advances in Imaging and Electron Physics, 2004, 132, 287-348.	0.1	336
234	Shift-invariant wavelet denoising using interscale dependency. , 0, , .		1
235	Multiscale segmentation of remotely sensed images using pairwise Markov chains. , 2004, , .		0

#	ARTICLE	IF	CITATIONS
236	Texture discrimination using multimodal wavelet packet subbands. , 0, , .		2
237	Bayesian Wavelet Domain Segmentation. AIP Conference Proceedings, 2004, , .	0.3	1
238	DOA estimation for wideband cyclostationary signals under multipath environment. , 0, , .		6
239	Bayesian variable selection and regularization for time-frequency surface estimation. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2004, 66, 575-589.	1.1	76
240	Discussion on the meeting on 'Statistical approaches to inverse problems'. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2004, 66, 627-652.	1.1	5
241	Simple mixture model for sparse overcomplete ICA. IET Computer Vision, 2004, 151, 35.	1.3	70
242	A Vision System for Intelligent Mission Profiles of Micro Air Vehicles. IEEE Transactions on Vehicular Technology, 2004, 53, 1713-1725.	3.9	47
243	Hidden Markov Bayesian texture segmentation using complex wavelet transform. IET Computer Vision, 2004, 151, 215.	1.3	18
244	Full blind denoising through noise covariance estimation using gaussian scale mixtures in the wavelet domain. , 0, , .		35
245	Image magnification method using joint diffusion. Journal of Computer Science and Technology, 2004, 19, 698-707.	0.9	7
246	Sub-pixel mapping and sub-pixel sharpening using neural network predicted wavelet coefficients. Remote Sensing of Environment, 2004, 91, 225-236.	4.6	124
247	A multiscale edge detection algorithm based on wavelet domain vector hidden Markov tree model. Pattern Recognition, 2004, 37, 1315-1324.	5.1	46
248	Complex Daubechies wavelets: properties and statistical image modelling. Signal Processing, 2004, 84, 1-23.	2.1	61
249	Simultaneous ground moving target tracking and identification using wavelets features from HRR data. Information Sciences, 2004, 162, 249-274.	4.0	9
250	A wavelet domain hierarchical hidden markov model. , 0, , .		0
251	Hidden markov model-contourlet hidden markov tree based texture segmentation. , 0, , .		3
252	Research on adaptive image denoising based on wavelet transform. , 0, , .		0
253	Image fusion using the expectation-maximization algorithm and a hidden Markov model. , 0, , .		5

#	ARTICLE	IF	CITATIONS
254	Wavelet-Based Denoising With Nearly Arbitrarily Shaped Windows. IEEE Signal Processing Letters, 2004, 11, 937-940.	2.1	44
255	Signal denoising using wavelet packet hidden Markov model. , 0, , .		0
256	Predicting wavelet coefficients over edges using estimates based on nonlinear approximants. , 0, , .		7
257	TEMPLAR: A Wavelet-Based Framework for Pattern Learning and Analysis. IEEE Transactions on Signal Processing, 2004, 52, 2264-2274.	3.2	13
258	Computational Methods for Hidden Markov Tree Models—An Application to Wavelet Trees. IEEE Transactions on Signal Processing, 2004, 52, 2551-2560.	3.2	49
259	Kernel matching pursuits prioritization of wavelet coefficients for SPIHT image coding. , 0, , .		0
260	Image denoising using neighbouring wavelet coefficients. , 0, , .		66
261	A comparative evaluation of wavelet-based methods for hypothesis testing of brain activation maps. NeuroImage, 2004, 23, 1112-1128.	2.1	40
262	Process trends analysis via wavelet-domain hidden Markov models. , 0, , .		1
263	Image interpolation based on universal hidden markov tree model. , 0, , .		0
264	Contourlet Based Multiresolution Texture Segmentation Using Contextual Hidden Markov Models. Lecture Notes in Computer Science, 2004, , 336-343.	1.0	7
265	Multiscale statistical image models and Bayesian methods. , 2004, 5266, 60.		2
266	Bayesian Modeling in the Wavelet Domain. Handbook of Statistics, 2005, , 315-338.	0.4	3
267	Coherent image processing using quaternion wavelets. , 2005, , .		11
268	Parametric surface denoising. , 2005, , .		0
269	On missing data prediction using sparse signal models: a comparison of atomic decompositions with iterated denoising. , 2005, , .		4
270	Wavelet Domain Partition-Based Image Denoising. , 0, , .		0
271	Image denoising with neighbour dependency and customized wavelet and threshold. Pattern Recognition, 2005, 38, 115-124.	5.1	124

#	ARTICLE	IF	CITATIONS
272	A hybrid scheme for encoding audio signal using hidden Markov models of waveforms. Applied and Computational Harmonic Analysis, 2005, 18, 137-166.	1.1	23
273	Multivariate statistical modeling for image denoising using wavelet transforms. Signal Processing: Image Communication, 2005, 20, 77-89.	1.8	127
274	Boundary refinements for wavelet-domain multiscale texture segmentation. Image and Vision Computing, 2005, 23, 1150-1158.	2.7	14
275	Analysis of the plant architecture via tree-structured statistical models: the hidden Markov tree models. New Phytologist, 2005, 166, 813-825.	3.5	46
276	Hybrid IMM/SVM approach for wavelet-domain probabilistic model based texture classification. IET Computer Vision, 2005, 152, 724.	1.3	8
277	Hidden Markov Tree Model Applied to ECG Delineation. IEEE Transactions on Instrumentation and Measurement, 2005, 54, 2163-2168.	2.4	45
278	Wavelet domain statistical hyperspectral soil texture classification. IEEE Transactions on Geoscience and Remote Sensing, 2005, 43, 615-618.	2.7	51
279	State-of-the-art methods and results in tool condition monitoring: a review. International Journal of Advanced Manufacturing Technology, 2005, 26, 693-710.	1.5	303
281	Applying wavelet-based hidden Markov tree to enhancing performance of process monitoring. Chemical Engineering Science, 2005, 60, 5129-5143.	1.9	14
282	A wavelet-based multiresolution edge detection and tracking. Image and Vision Computing, 2005, 23, 441-451.	2.7	78
283	Color texture analysis using the wavelet-based hidden Markov model. Pattern Recognition Letters, 2005, 26, 1710-1719.	2.6	28
284	Digital Radiographic Image Denoising Via Wavelet-Based Hidden Markov Model Estimation. Journal of Digital Imaging, 2005, 18, 154-167.	1.6	25
285	One-Class Learning for Human-Robot Interaction. , 2004, , 489-498.		1
286	Image denoising using neighbouring wavelet coefficients. Integrated Computer-Aided Engineering, 2005, 12, 99-107.	2.5	62
287	Event-Related Potential Noise Reduction Using the Hidden Markov Tree Model. , 2005, , 91-113.		0
288	Statistical Modeling of Photographic Images. , 2005, , 431-441.		62
289	Adaptive wavelet threshold for image denoising. Electronics Letters, 2005, 41, 586.	0.5	38
290	A bound optimization approach to wavelet-based image deconvolution. , 2005, ,		125

#	ARTICLE	IF	CITATIONS
291	Unsupervised Bayesian wavelet domain segmentation using Potts-Markov random field modeling. Journal of Electronic Imaging, 2005, 14, 043011.	0.5	3
292	Wavelet-based denoising considering interscale and intrascale dependences. Optical Engineering, 2005, 44, 067002.	0.5	4
293	Wavelet-based image denoising using contextual hidden Markov tree model. Journal of Electronic Imaging, 2005, 14, 033005.	0.5	9
294	IMAGE DE-NOISING USING DOUBLE DENSITY WAVELET TRANSFORM BASED ADAPTIVE THRESHOLDING TECHNIQUE. International Journal of Wavelets, Multiresolution and Information Processing, 2005, 03, 141-152.	0.9	21
295	A probabilistic model for mining labeled ordered trees: capturing patterns in carbohydrate sugar chains. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 1051-1064.	4.0	21
296	Image Denoising for Signal-Dependent Noise. , 0, , .		16
297	Unsupervised texture segmentation for 2D probabilistic occupancy maps. , 0, , .		1
298	Wavelet domain image resolution enhancement using cycle-spinning. Electronics Letters, 2005, 41, 119.	0.5	110
299	Wavelet-based medical image compression with adaptive prediction. , 2005, , .		2
300	Rotation-Invariant Texture Retrieval with Gaussianized Steerable Pyramids. , 0, , .		1
301	Automatic speech decomposition and speech coding using MDCT-based hidden Markov chain and wavelet-based hidden Markov tree models. , 0, , .		4
302	Application of multiresolution and multispectral polarimetric techniques for reliable vessel monitoring and control. , 0, , .		3
303	SIGNAL DENOISING USING WAVELETS AND BLOCK HIDDEN MARKOV MODEL. International Journal of Pattern Recognition and Artificial Intelligence, 2005, 19, 681-700.	0.7	13
304	WAVELET-BASED SALIENT ENERGY POINTS FOR UNSUPERVISED TEXTURE SEGMENTATION. International Journal of Pattern Recognition and Artificial Intelligence, 2005, 19, 429-458.	0.7	3
305	A SAR Image Despeckling Method Based on Dual Tree Complex Wavelet Transform. Lecture Notes in Computer Science, 2005, , 59-67.	1.0	1
306	Turbo Iterative Estimation of Singularity Structure in SAR Image based on Wavelet-domain Hidden Markov Models. , 0, , .		1
307	Astronomical multiband image fusion and restoration using pyramidal analysis and Markovian segmentation. , 2005, , .		5
308	A Hybrid IMM/SVM Approach for Wavelet-Domain Probabilistic Model Based Texture Classification. , 2005, , .		1

#	ARTICLE	IF	CITATIONS
309	A general approach to defect detection in textured materials using a wavelet domain model and level sets. , 2005, 6001, 102.		7
310	Wavelet based statistical signal processing for the detection of subpixel hyperspectral targets. , 0, , .		1
311	Wavelet domain denoising of multispectral remote sensing imagery adapted to the local spatial and spectral context. , 0, , .		7
312	Color texture retrieval through contourlet-based hidden Markov model. , 2005, , .		3
313	Reduced feature texture retrieval using contourlet decomposition of luminance image component. , 0, , .		1
314	A wavelet-domain Markov model for volatility clustering. , 2005, , .		0
315	The dual-tree complex wavelet transform. IEEE Signal Processing Magazine, 2005, 22, 123-151.	4.6	1,989
316	Telescoping Languages: A System for Automatic Generation of Domain Languages. Proceedings of the IEEE, 2005, 93, 387-408.	16.4	59
317	Reduced-reference image quality assessment using a wavelet-domain natural image statistic model. , 2005, , .		274
319	An online kernel change detection algorithm. IEEE Transactions on Signal Processing, 2005, 53, 2961-2974.	3.2	193
320	Image denoising using bivariate $\hat{\alpha}$ -stable distributions in the complex wavelet domain. IEEE Signal Processing Letters, 2005, 12, 17-20.	2.1	132
321	Convex surrogates and stable message-passing: joint parameter estimation and prediction in coupled gaussian mixture models. , 2005, , .		1
322	Multiscale Bayesian restoration in pairwise Markov trees. IEEE Transactions on Automatic Control, 2005, 50, 1185-1190.	3.6	4
323	Correlated wavelet shrinkage: models of local random fields across multiple resolutions. , 2005, , .		1
324	A Novel Divergence Measure for Hidden Markov Models. , 0, , .		2
325	A steerable complex wavelet construction and its application to image denoising. IEEE Transactions on Image Processing, 2005, 14, 948-959.	6.0	67
326	Color image denoising using wavelets and minimum cut analysis. IEEE Signal Processing Letters, 2005, 12, 741-744.	2.1	17
327	Hidden Markov Models for Wavelet Image Separation and Denoising. , 0, , .		4

#	ARTICLE	IF	CITATIONS
328	Image Denoising Based on Fuzzy in Wavelet Domain. , 0, , .		0
329	Two-step variance-adaptive image denoising. , 2005, , .		4
330	Image Denoising Using a Tight Frame. , 0, , .		9
331	Manifold Learning for Image Denoising. , 2005, , .		1
332	Analytical form for a Bayesian wavelet estimator of images using the Bessel K form densities. IEEE Transactions on Image Processing, 2005, 14, 231-240.	6.0	95
333	Multiple hypothesis mapping of functional MRI data in orthogonal and complex wavelet domains. IEEE Transactions on Signal Processing, 2005, 53, 3413-3426.	3.2	17
334	Image denoising based on wavelets and multifractals for singularity detection. IEEE Transactions on Image Processing, 2005, 14, 1435-1447.	6.0	37
335	Multivariate Statistical Approach for Image Denoising. , 0, , .		7
336	Building robust wavelet estimators for multicomponent images using Stein's principle. IEEE Transactions on Image Processing, 2005, 14, 1814-1830.	6.0	76
338	Multiscale LMMSE-based image denoising with optimal wavelet selection. IEEE Transactions on Circuits and Systems for Video Technology, 2005, 15, 469-481.	5.6	87
339	Image restoration using Gaussian scale mixtures in overcomplete oriented pyramids. , 2005, , .		2
340	Bivariate wavelet shrinkage using alpha-stable distributions. , 2005, , .		2
341	Video denoising using vector estimation of wavelet coefficients. , 0, , .		8
342	Edge-preserving image denoising via optimal color space projection. IEEE Transactions on Image Processing, 2006, 15, 2575-2587.	6.0	36
343	Medical Image Denoising using X-lets. , 2006, , .		11
344	A modified SPIHT algorithm for image coding with a joint MSE and classification distortion measure. IEEE Transactions on Image Processing, 2006, 15, 713-725.	6.0	19
345	Contourlet Image Modeling with Contextual Hidden Markov Models. , 0, , .		7
346	Hierarchical Stochastic Image Grammars for Classification and Segmentation. IEEE Transactions on Image Processing, 2006, 15, 3033-3052.	6.0	29

#	ARTICLE	IF	CITATIONS
347	A computationally efficient approach to the estimation of two- and three-dimensional hidden Markov models. IEEE Transactions on Image Processing, 2006, 15, 1871-1886.	6.0	23
348	Improving the Graph-Based Image Segmentation Method. , 2006, , .		10
349	Comparing Distance Measures for Hidden Markov Models. , 0, , .		0
350	Batch Process Monitoring by Wavelet Transform Based Fractal Encoding. Industrial & Engineering Chemistry Research, 2006, 45, 3864-3879.	1.8	2
351	From Finite-System Entropy to Entropy Rate for a Hidden Markov Process. IEEE Signal Processing Letters, 2006, 13, 517-520.	2.1	14
352	Rotation-invariant texture retrieval with gaussianized steerable pyramids. IEEE Transactions on Image Processing, 2006, 15, 2702-2718.	6.0	69
353	Nonlinear image representation for efficient perceptual coding. IEEE Transactions on Image Processing, 2006, 15, 68-80.	6.0	82
354	Fuzzy Markov Random Fields versus Chains for Multispectral Image Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 1753-1767.	9.7	48
355	Experimental Validation of a Real-Time Model-Based Sensor Fault Detection and Isolation System for Unmanned Ground Vehicles. , 2006, , .		15
356	Modern Image Quality Assessment. Synthesis Lectures on Image, Video, and Multimedia Processing, 2006, 2, 1-156.	0.9	472
357	Multi-resolution Bayesian regression in PET dynamic studies using wavelets. NeuroImage, 2006, 32, 111-121.	2.1	38
358	Operational rate-distortion modeling for wavelet video coders. IEEE Transactions on Signal Processing, 2006, 54, 3505-3517.	3.2	43
359	Training cellular automata for image processing. IEEE Transactions on Image Processing, 2006, 15, 2076-2087.	6.0	166
360	MACHINE LEARNING FOR DETECTION AND DIAGNOSIS OF DISEASE. Annual Review of Biomedical Engineering, 2006, 8, 537-565.	5.7	292
361	Estimating the probability of the presence of a signal of interest in multiresolution single- and multiband image denoising. IEEE Transactions on Image Processing, 2006, 15, 654-665.	6.0	328
362	Directional multiscale modeling of images using the contourlet transform. IEEE Transactions on Image Processing, 2006, 15, 1610-1620.	6.0	463
363	Image denoising using a tight frame. IEEE Transactions on Image Processing, 2006, 15, 1254-1263.	6.0	56
364	A New Fuzzy-Based Wavelet Shrinkage Image Denoising Technique. Lecture Notes in Computer Science, 2006, , 12-23.	1.0	37

#	ARTICLE	IF	CITATIONS
365	A Fast and Effective Model for Wavelet Subband Histograms and Its Application in Texture Image Retrieval. IEEE Transactions on Image Processing, 2006, 15, 3078-3088.	6.0	54
366	Homotopy-Based Semi-Supervised Hidden Markov Tree for Texture Analysis. , 0, , .		0
367	Image denoising using the non-uniform directional filter bank and hidden markov tree. , 2006, , .		0
368	Sliced Ridgelet Transform for Image Denoising. , 2006, , .		0
369	Image denoising using the ridgelet bi-frame. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2006, 23, 2449.	0.8	2
370	Tracking Signal Subspace Invariance for Blind Separation and Classification of Nonorthogonal Sources in Correlated Noise. Eurasip Journal on Advances in Signal Processing, 2006, 2007, 1.	1.0	13
371	Sparse super-resolution reconstructions of video from mobile devices in digital TV broadcast applications. , 2006, , .		5
372	Image Denoising Based on A New Wavelet Statistical Model. , 2006, , .		2
373	Multiscale detection of localized anomalous structure in aggregate disease incidence data. Statistics in Medicine, 2006, 25, 787-810.	0.8	10
374	On-line batch process monitoring using MHMT-based MPCA. Chemical Engineering Science, 2006, 61, 3223-3239.	1.9	42
375	Improve maximum likelihood estimation for subband GGD parameters. Pattern Recognition Letters, 2006, 27, 1710-1713.	2.6	21
376	Information-theoretic wavelet packet subband selection for texture classification. Signal Processing, 2006, 86, 1410-1420.	2.1	40
377	A study of Gaussian mixture models of color and texture features for image classification and segmentation. Pattern Recognition, 2006, 39, 695-706.	5.1	264
378	Hidden Markov models for wavelet-based blind source separation. IEEE Transactions on Image Processing, 2006, 15, 1887-1899.	6.0	33
379	Wavelet domain image resolution enhancement. IET Computer Vision, 2006, 153, 25.	1.3	55
380	Surfing the brain. IEEE Engineering in Medicine and Biology Magazine, 2006, 25, 65-78.	1.1	30
381	Average divergence distance as a statistical discrimination measure for hidden Markov models. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 890-906.	3.8	42
382	Translation-invariant classification of non-stationary signals. Neurocomputing, 2006, 69, 743-753.	3.5	2

#	ARTICLE	IF	CITATIONS
383	Amelioration of the JPEG2000 by a Variable Window Pretreatment. , 0, , .		0
384	Spatially Adaptive Image Denoising Based on Complex Wavelet Coefficients. , 2006, , .		1
385	Speech Enhancement Using Transient Speech Components. , 0, , .		8
386	Detecting Microcalcifications in Digital Mammograms using Wavelet Domain Hidden Markov Tree Model. , 2006, 2006, 1972-5.		4
387	Bayesian adaptive shrinkage in independent component domain. Electronics Letters, 2006, 42, 58.	0.5	1
388	A Review of Wavelet Denoising in MRI and Ultrasound Brain Imaging. Current Medical Imaging, 2006, 2, 247-260.	0.4	100
389	Fractal-based edge extraction and its application to textured image retrieval. Journal of Electronic Imaging, 2006, 15, 013012.	0.5	1
390	Emphasis of Geomorphometric Features using Wavelet Domain Markov Trees. , 2006, , .		0
391	Research on LIF Image Denoising Based on Wavelet-Domain Multiscale HMT Model. , 2006, , .		0
392	Multigrid tomographic inversion with variable resolution data and image spaces. IEEE Transactions on Image Processing, 2006, 15, 2805-2819.	6.0	17
393	Application of Segmented 2D Probabilistic Occupancy Maps for Mobile Robot Sensing and Navigation. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	1
394	Laplace Random Vectors, Gaussian Noise, and the Generalized Incomplete Gamma Function. , 2006, , .		12
395	An Information Theoretic Criterion for Image Quality Assessment Based on Natural Scene Statistics. , 2006, , .		4
396	Log-determinant relaxation for approximate inference in discrete Markov random fields. IEEE Transactions on Signal Processing, 2006, 54, 2099-2109.	3.2	40
397	Smoothing of Fused Spectral Consistent Satellite Images. , 2006, , .		1
398	SAR Images Despeckling Based on Hidden Markov Mixture Model in the Wavelet Domain. , 2006, , .		2
399	Research on Statistical Modeling of Process Data via Wavelet Domain Hidden Markov Model. , 2006, , .		0
400	Performance Enhancement for DWT-HMM Image Watermarking with Content-Adaptive Approach. , 2006, , .		4

#	ARTICLE	IF	CITATIONS
401	Multivariate Quasi-Laplacian Mixture Models Forwavelet-Based Image Denoising. , 2006, , .		8
402	Image Denoising Based on A Mixture of Bivariate Gaussian Models in Complex Wavelet Domain. , 2006, , .		3
403	Image Denoising Based on Wavelet Domain Spatial Context Modeling. , 2006, , .		0
404	Texture analysis with variational hidden Markov trees. IEEE Transactions on Signal Processing, 2006, 54, 2353-2356.	3.2	9
405	Varying complexity in tree-structured image distribution models. IEEE Transactions on Image Processing, 2006, 15, 319-330.	6.0	8
406	SAR Image Despeckling Using Local Contextual Hidden Markov Model in the Contourlet Domain. , 2006, , .		1
407	Wavelet Domain Image Restoration Algorithm using Classified Hidden Markov Tree Model. , 2006, , .		1
408	A Method of Reducing Speckle Noise of SAR Images Based on Wavelets and Wedgelet HMT Models. , 2006, , .		1
409	Image Denoising Algorithm Based on Neighbouring Thresholding Classification in Wavelet Domain. , 2006, , .		1
410	Wavelet-Domain Image Denoising Using Contextual Hidden Markov Tree Model. , 2007, , .		1
411	SAR Image Segmentation Based on Mixture Context and Wavelet Hidden-Class-Label Markov Random Field. , 2007, , .		1
412	A Self-Growing Hidden Markov Tree for Batch Process Monitoring. , 2007, , .		0
413	Signal Decomposition using Multiscale Admixture Models. , 2007, , .		0
414	Removal of Correlated Noise by Modeling Spatial Correlations and Interscale Dependencies in the Complex Wavelet Domain. Proceedings International Conference on Image Processing, 2007, , .	0.0	6
415	Frame-based Image Denoising Using Local Contextual Hidden Markov Model. , 2007, , .		0
416	Image Denoising Employing a Mixture of Circular Symmetric Laplacian Models with Local Parameters in Complex Wavelet Domain. , 2007, , .		8
417	A GA-Based Joint Coding and Embedding Optimization for Robust and High Capacity Image Watermarking. , 2007, , .		0
418	Image Resolution Enhancement using Inter-Subband Correlation in Wavelet Domain. Proceedings International Conference on Image Processing, 2007, , .	0.0	70

#	ARTICLE	IF	CITATIONS
419	Microcalcification detection based on wavelet domain hidden Markov tree model: Study for inclusion to computer aided diagnostic prompting system. Medical Physics, 2007, 34, 2206-2219.	1.6	22
420	Adaptive Shrinkage Function Optimization by Differential Evolution. , 2007, , .		0
421	Weighted Averaging for Denoising With Overcomplete Dictionaries. IEEE Transactions on Image Processing, 2007, 16, 3020-3034.	6.0	68
422	Multirate Coupled Hidden Markov Models and Their Application to Machining Tool-Wear Classification. IEEE Transactions on Signal Processing, 2007, 55, 2885-2896.	3.2	13
423	Estimating hyperparameters of mixture prior using hypothesis-testing problem and its applications to Bayesian image denoising. Journal of Electronic Imaging, 2007, 16, 043015.	0.5	1
424	Medical image retrieval by combining low level features and dicom features. , 2007, , .		12
425	Robust and High Capacity Image Watermarking Based on Jointly Coding and Embedding Optimization. Lecture Notes in Computer Science, 2007, , 65-79.	1.0	4
426	Signal-dependent noise characterization in Haar filterbank representation. , 2007, , .		3
427	Chains of chirplets for the detection of gravitational wave chirps. Proceedings of SPIE, 2007, , .	0.8	0
428	Locally Adaptive DCT Filtering for Signal-Dependent Noise Removal. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.0	40
429	A Biologically Motivated Multiresolution Approach to Contour Detection. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.0	55
430	Trust Based Grid Scheduling Algorithm for Commercial Grids. , 2007, , .		14
431	Image Denoising using Shiftable Directional Pyramid and Scale Mixtures of Complex Gaussians. , 2007, , .		6
433	Spatial Random Tree Grammars for Modeling Hierarchical Structure in Images with Regions of Arbitrary Shape. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1504-1519.	9.7	16
434	Self-Growing Hidden Markov Tree Based Multiway Principle Component Analysis for Enhanced Monitoring of Batch Processes. Industrial & Engineering Chemistry Research, 2007, 46, 6010-6024.	1.8	0
435	Adaptive Wavelet Threshold for Image Denoising by Exploiting Inter-scale Dependency. , 2007, , 869-878.		1
436	Model-Based Sensor Fault Detection and Isolation System for Unmanned Ground Vehicles: Experimental Validation (part II). Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	10
437	Model-Based Sensor Fault Detection and Isolation System for Unmanned Ground Vehicles: Theoretical Aspects (part I). Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	27

#	ARTICLE	IF	CITATIONS
438	Video Denoising Based on Inter-frame Statistical Modeling of Wavelet Coefficients. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 187-198.	5.6	75
439	Learning Multiscale Representations of Natural Scenes Using Dirichlet Processes. , 2007, , .		44
440	Image Denoising with Nonparametric Hidden Markov Trees. , 2007, , .		10
441	Feature Adaptive Wavelet Shrinkage for Image Denoising. , 2007, , .		9
442	Contextual Hidden Markov Tree Model Image Denoising Using a New Nonuniform Quincunx Directional Filter Banks. , 2007, , .		2
443	Wavelet-Based Despeckling of SAR Images Using Gaussian Markov Random Fields. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 4127-4143.	2.7	50
444	A State Space Model for the Long Term Blood Pressure Regulation. , 2007, , .		2
445	Image Restoration Using a Hybrid Fourier-Wavelet Domain Hidden Markov Model. System Theory, Proceedings of the Southeastern Symposium on, 2007, , .	0.0	0
446	Post Processing for Wavelet Domain HMT Image Resolution Enhancement. , 2007, , .		0
447	On Rate-Distortion Models for Natural Images and Wavelet Coding Performance. IEEE Transactions on Image Processing, 2007, 16, 1383-1394.	6.0	9
448	Multimodal Fusion and Learning with Uncertain Features Applied to Audiovisual Speech Recognition. , 2007, , .		9
449	Application of Laplacian Mixture Model to Image and Video Retrieval. IEEE Transactions on Multimedia, 2007, 9, 1416-1429.	5.2	24
450	Image fusion using a contourlet HMT model. , 2007, , .		1
451	The SURE-LET Approach to Image Denoising. IEEE Transactions on Image Processing, 2007, 16, 2778-2786.	6.0	301
452	A Fuzzy Noise Reduction Method for Color Images. IEEE Transactions on Image Processing, 2007, 16, 1425-1436.	6.0	68
453	Wavelet Domain Deblurring and Denoising for Image Resolution Improvement. , 2007, , .		4
454	Joint Exact Histogram Specification and Image Enhancement Through the Wavelet Transform. IEEE Transactions on Image Processing, 2007, 16, 2245-2250.	6.0	103
455	MLP-based Image Interpolation Using Local Characteristic of Wavelet Coefficients. IEEE International Workshop on Machine Learning for Signal Processing, 2007, , .	0.0	0

#	ARTICLE	IF	CITATIONS
456	Hyperanalytic Denoising. IEEE Transactions on Image Processing, 2007, 16, 1522-1537.	6.0	12
457	A multiresolution segmentation method for tree crown image using wavelets. , 2007, , .		1
458	Wavelet-based de-noising algorithm for images acquired with parallel magnetic resonance imaging (MRI). Physics in Medicine and Biology, 2007, 52, 3741-3751.	1.6	43
459	Developing Nonstationary Noise Estimation for Application in Edge and Corner Detection. IEEE Transactions on Image Processing, 2007, 16, 1840-1853.	6.0	7
460	Image Resolution Enhancement using Wavelet Domain Hidden Markov Tree and Coefficient Sign Estimation. , 2007, , .		45
461	Building Fuzzy OLAP Using Multi-attribute Summarization. , 2007, , .		10
462	A New SURE Approach to Image Denoising: Interscale Orthonormal Wavelet Thresholding. IEEE Transactions on Image Processing, 2007, 16, 593-606.	6.0	507
463	Majorizationâ€“Minimization Algorithms for Wavelet-Based Image Restoration. IEEE Transactions on Image Processing, 2007, 16, 2980-2991.	6.0	490
464	An elliptically contoured exponential mixture model for wavelet based image denoising. Applied and Computational Harmonic Analysis, 2007, 23, 131-151.	1.1	19
465	Real-time detection of steam in video images. Pattern Recognition, 2007, 40, 1148-1159.	5.1	52
466	A signal denoising algorithm based on overcomplete wavelet representations and Gaussian models. Signal Processing, 2007, 87, 866-876.	2.1	43
467	Image denoising algorithm using doubly local Wiener filtering with block-adaptive windows in wavelet domain. Signal Processing, 2007, 87, 1721-1734.	2.1	21
468	The BKF Bayesian wavelet estimator. Signal Processing, 2007, 87, 2268-2271.	2.1	8
469	New signal decomposition method based speech enhancement. Signal Processing, 2007, 87, 2607-2628.	2.1	17
470	Dual-tree complex wavelet hidden Markov tree model for image denoising. Electronics Letters, 2007, 43, 973.	0.5	11
471	Spatially Adaptive Wavelet-Based Method Using the Cauchy Prior for Denoising the SAR Images. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 500-507.	5.6	112
472	Multivariate Statistical Models for Image Denoising in the Wavelet Domain. International Journal of Computer Vision, 2007, 75, 209-230.	10.9	30
473	PET kinetic analysis: wavelet denoising of dynamic PET data with application to parametric imaging. Annals of Nuclear Medicine, 2007, 21, 379-386.	1.2	31

#	ARTICLE	IF	CITATIONS
474	Denoising of multicomponent images using wavelet least-squares estimators. <i>Image and Vision Computing</i> , 2008, 26, 1038-1051.	2.7	28
475	Writer identification of Chinese handwriting documents using hidden Markov tree model. <i>Pattern Recognition</i> , 2008, 41, 1295-1307.	5.1	105
476	3D dynamic forward modeling of polar plumes using Hidden Markov Trees. <i>Statistical Methodology</i> , 2008, 5, 328-339.	0.5	4
477	Spatial adaptive Bayesian wavelet threshold exploiting scale and space consistency. <i>Multidimensional Systems and Signal Processing</i> , 2008, 19, 157-170.	1.7	7
478	Entropy of Hidden Markov Processes via Cycle Expansion. <i>Journal of Statistical Physics</i> , 2008, 133, 535-564.	0.5	6
479	Random Wavelet Series Based on a Tree-Indexed Markov Chain. <i>Communications in Mathematical Physics</i> , 2008, 283, 451-477.	1.0	16
480	Customized wavelet denoising using intra- and inter-scale dependency for bearing fault detection. <i>Journal of Sound and Vibration</i> , 2008, 313, 342-359.	2.1	56
481	Image/video denoising based on a mixture of Laplace distributions with local parameters in multidimensional complex wavelet domain. <i>Signal Processing</i> , 2008, 88, 158-173.	2.1	31
482	Rotation-invariant texture retrieval using wavelet-based hidden Markov trees. <i>Signal Processing</i> , 2008, 88, 2593-2598.	2.1	17
483	Wavelet transform and adaptive neuro-fuzzy inference system for color texture classification. <i>Expert Systems With Applications</i> , 2008, 34, 2120-2128.	4.4	94
484	WND-CHARM: Multi-purpose image classification using compound image transforms. <i>Pattern Recognition Letters</i> , 2008, 29, 1684-1693.	2.6	242
485	Contextual Hidden Markov Tree Model for the Dual-Tree Complex Wavelet Transform. , 2008, , .		1
486	Wavelet-domain compressive signal reconstruction using a Hidden Markov Tree model. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008, , .	1.8	69
487	Speckle Noise Reduction of Medical Ultrasound Images in Complex Wavelet Domain Using Mixture Priors. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 2152-2160.	2.5	126
488	Application of Segmented 2-D Probabilistic Occupancy Maps for Robot Sensing and Navigation. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2008, 57, 2827-2837.	2.4	16
489	Circular spatial filtering under high-noise-variance conditions. <i>Computers and Graphics</i> , 2008, 32, 568-580.	1.4	7
490	Bayesian Wavelet-Based Image Denoising Using the Gauss-Hermite Expansion. <i>IEEE Transactions on Image Processing</i> , 2008, 17, 1755-1771.	6.0	40
491	Experiments in turbulence induced super-resolution in surveillance imagery. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
492	Upper Bound Kullback-Leibler Divergence for Transient Hidden Markov Models. IEEE Transactions on Signal Processing, 2008, 56, 4176-4188.	3.2	14
493	Research on Insulator Infrared Image Denoising Using Significant Wavelet-Domain Hidden Markov Tree Models. , 2008, , .		0
494	Wavelet Feature Selection for Image Classification. IEEE Transactions on Image Processing, 2008, 17, 1709-1720.	6.0	136
495	Statistical image modeling using von Mises distribution in the complex directional wavelet domain. , 2008, , .		3
496	Bayesian Estimation of Bessel K Form Random Vectors in AWGN. IEEE Signal Processing Letters, 2008, 15, 261-264.	2.1	25
497	Wavelet-based despeckling for SAR image combing HMT model with GMRF model. , 2008, , .		0
498	Automatic Estimation and Removal of Noise from a Single Image. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 299-314.	9.7	384
499	Microcanonical multifractal formalism—a geometrical approach to multifractal systems: Part I. Singularity analysis. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 015501.	0.7	65
500	Signal denoising with hidden Markov models using hidden Markov trees as observation densities. , 2008, , .		4
501	A Discriminative Approach for Wavelet Denoising. IEEE Transactions on Image Processing, 2008, 17, 443-457.	6.0	57
502	Dynamic Denoising of Tracking Sequences. IEEE Transactions on Image Processing, 2008, 17, 847-856.	6.0	8
503	Infrared image denoising method based on improved C_HMT model. , 2008, , .		1
504	Universal HMT based super resolution for remote sensing images. , 2008, , .		41
505	Statistical modeling of low SNR magnetic resonance images in wavelet domain using Laplacian prior and two-sided Rayleigh noise for visual quality improvement. , 2008, , .		0
506	Rotation-Invariant Texture Retrieval via Signature Alignment Based on Steerable Sub-Gaussian Modeling. IEEE Transactions on Image Processing, 2008, 17, 1212-1225.	6.0	14
507	Image Denoising Based on Contourlet-Domain HMT Models Using Cycle Spinning. , 2008, , .		4
508	Modified Method for Denoising Color Images using Fuzzy Approach. , 2008, , .		3
509	Wavelet-Based Bayesian Image Estimation: From Marginal and Bivariate Prior Models to Multivariate Prior Models. IEEE Transactions on Image Processing, 2008, 17, 469-481.	6.0	11

#	ARTICLE	IF	CITATIONS
510	Image interpolation by Estimation and Deconvolution of Wavelet Approximate Subband. , 2008, , .		2
511	Microelectrode Signals Segmentation Using Stationary Wavelet Transform. , 2008, , .		1
512	Abdominal CT image denoising based on a Laplace distribution with local variance in steerable pyramid domain. , 2008, , .		0
513	Chapter 15: Estimation of Noise in Gray-Scale and Colored Images Using Median Absolute Deviation (MAD). , 2008, , .		15
514	Adaptive Shrinkage for Image Denoising Based on Contourlet Transform. , 2008, , .		5
515	Visualization of Tree-Structured Data Through Generative Topographic Mapping. IEEE Transactions on Neural Networks, 2008, 19, 1468-1493.	4.8	24
516	Infrared Image Denoising Algorithm Based on Adaptive Threshold NSCT. , 2008, , .		4
517	Wavelet-Based Image Interpolation Using a Three-Component Exponential Mixture Model. , 2008, , .		7
518	Research on Medical Image Segmentation Based on Multi-scale CLT. , 2008, , .		0
519	Conditional partial volume correction for emission tomography: A wavelet-based hidden Markov model and multi-resolution approach. , 2008, , .		2
520	Correlated non-linear wavelet shrinkage. , 2008, , .		1
521	Multiscale Image Segmentation Using Wavelet-Domain Hidden Markov Models. , 2008, , .		0
522	Fourier and filterbank analyses of signal-dependent noise. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	4
523	The monitoring of the turning tool wear process using an artificial neural network. Part 1: The experimental set-up and experimental results. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2008, 222, 1241-1252.	1.5	4
524	Adaptive Lifting Scheme for Image Compression. , 2008, , .		4
525	FRAME-BASED IMAGE DENOISING USING HIDDEN MARKOV MODEL. International Journal of Wavelets, Multiresolution and Information Processing, 2008, 06, 419-432.	0.9	6
526	Improved Hidden Markov Tree Model and Its Application in Image Denoising. , 2008, , .		0
527	Image inpainting with a wavelet domain Hidden Markov tree model. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	6

#	ARTICLE	IF	CITATIONS
528	Image Restoration Based on Wavelet-Domain Contextual Hidden Markov Tree Model. , 2008, , .		1
529	Image Modeling and Denoising With Orientation-Adapted Gaussian Scale Mixtures. IEEE Transactions on Image Processing, 2008, 17, 2089-2101.	6.0	43
530	The Estimation of Laplace Random Vectors in Additive White Gaussian Noise. IEEE Transactions on Signal Processing, 2008, 56, 3482-3496.	3.2	40
531	Deblocking of compressed images based on all phase biorthogonal transform using noise injection followed by image denoising. , 2008, , .		0
532	Image denoising based on a statistical model for wavelet coefficients. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
533	Coherent Multiscale Image Processing Using Dual-Tree Quaternion Wavelets. IEEE Transactions on Image Processing, 2008, 17, 1069-1082.	6.0	112
534	Based Adaptive Wavelet Hidden Markov Tree for Microarray Image Enhancement. , 2008, , .		2
535	Photon-limited image denoising by inference on multiscale models. , 2008, , .		5
536	Unsupervised image sequence segmentation based on hidden Markov tree model. , 2008, , .		1
537	HMM-Based-Correlations in Infrared Remote-Image. , 2008, , .		0
538	Image interpolation by estimation and deconvolution of Haar wavelet approximate subband. , 2008, , .		0
539	Multiresolution Denoising for Optical Coherence Tomography: A Review and Evaluation. Current Medical Imaging, 2008, 4, 270-284.	0.4	57
540	Wavelet domain denoising by using the universal hidden Markov tree model. Proceedings of SPIE, 2008, , .	0.8	0
541	Sensor fusion and damage classification in composite materials. , 2008, , .		1
542	Image Edge Detection Using Hidden Markov Chain Model Based on the Non-Decimated Wavelet. , 2008, , .		6
543	Image Denoising through Self-Organizing Feature Map Based on Wavelet-Domain HMMs. Modern Applied Science, 2009, 2, .	0.4	0
544	Texture image segmentation using complex wavelet transform and Hidden Markov models. , 2009, , .		1
545	An automatic system for on-line change detection with application to structural health monitoring. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
546	Algorithm of super-resolution in images and video sequences applying wavelets based on atomic functions. , 2009, , .		1
547	Recovery of compressible signals in unions of subspaces. , 2009, , .		10
548	Shearlet-Based Deconvolution. IEEE Transactions on Image Processing, 2009, 18, 2673-2685.	6.0	64
549	Detection of transient signals: Local approach using a Markovian tree with frequency selectivity. , 2009, , .		1
550	Image and Video Denoising Using Adaptive Dual-Tree Discrete Wavelet Packets. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 642-655.	5.6	54
551	Image multi-scale edge detection using 3-D Hidden Markov Model based on the non-decimated wavelet. , 2009, , .		6
553	Signal denoising using neighbouring dual-tree complex wavelet coefficients. , 2009, , .		3
554	Study of Image Restoration Using Complex Wavelets. , 2009, , .		1
555	Phase Properties of Complex Wavelet Coefficients. , 2009, , .		1
556	IMAGE DENOISING BASED ON WAVELET SHRINKAGE USING NEIGHBOR AND LEVEL DEPENDENCY. International Journal of Wavelets, Multiresolution and Information Processing, 2009, 07, 299-311.	0.9	49
557	Hmt-Contourlet Image Segmentation Based on Majority Vote. , 2009, , .		0
558	Regional Contrast Fuzzy Enhancement for Remote Sensing Image Based on the Generalized Fuzzy Set in Nonsubsampled Contourlet Domain. , 2009, , .		1
559	Multiscale analysis of rough groove textures for three-dimensional optical measurements. Optical Engineering, 2009, 48, 073602.	0.5	1
560	Poisson-Haar Transform: A nonlinear multiscale representation for photon-limited image denoising. , 2009, , .		0
561	Centroid neural network with Chi square distance measure for texture classification. , 2009, , .		8
562	A New Image Denoising Method via Self-Organizing Feature Map Based on Hidden Markov Models. , 2009, , .		0
563	Active Steganalysis with Only One Stego Image. , 2009, , .		1
564	Bi-ComForWaRD: BIVARIATE COMPLEX FOURIER-WAVELET REGULARIZED DECONVOLUTION FOR MEDICAL IMAGING. International Journal of Computational Intelligence and Applications, 2009, 08, 85-95.	0.6	2

#	ARTICLE	IF	CITATIONS
565	Image denoising in the wavelet domain using a new adaptive thresholding function. <i>Neurocomputing</i> , 2009, 72, 1012-1025.	3.5	166
566	Adaptive Multimodal Fusion by Uncertainty Compensation With Application to Audiovisual Speech Recognition. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2009, 17, 423-435.	3.8	66
567	Superresolution Reconstruction of Multispectral Data for Improved Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2009, 6, 689-693.	1.4	18
568	Rainfall data simulation by hidden Markov model and discrete wavelet transformation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2009, 23, 863-877.	1.9	6
569	Multiscale Bayesian texture segmentation using neural networks and Markov random fields. <i>Neural Computing and Applications</i> , 2009, 18, 141-155.	3.2	6
570	Image interpolation using MLP neural network with phase compensation of wavelet coefficients. <i>Neural Computing and Applications</i> , 2009, 18, 967-977.	3.2	2
571	Multiscale fusion of wavelet-domain hidden Markov tree through graph cut. <i>Image and Vision Computing</i> , 2009, 27, 1402-1410.	2.7	13
572	Two-dimensional Conditional Simulations Based on the Wavelet Decomposition of Training Images. <i>Mathematical Geosciences</i> , 2009, 41, 679-701.	1.4	31
573	A fast computation method for time scale signal denoising. <i>Signal, Image and Video Processing</i> , 2009, 3, 63-83.	1.7	22
574	Image fusion based on pyramidal multiband multiresolution markovian analysis. <i>Signal, Image and Video Processing</i> , 2009, 3, 275-289.	1.7	14
575	Image denoising in steerable pyramid domain based on a local Laplace prior. <i>Pattern Recognition</i> , 2009, 42, 2181-2193.	5.1	50
576	A self-growing hidden Markov tree for wafer map inspection. <i>Journal of Process Control</i> , 2009, 19, 261-271.	1.7	8
577	Statistical image modeling in the contourlet domain using contextual hidden Markov models. <i>Signal Processing</i> , 2009, 89, 946-951.	2.1	24
578	SAR image segmentation based on mixture context and wavelet hidden-class-label Markov random field. <i>Computers and Mathematics With Applications</i> , 2009, 57, 961-969.	1.4	25
579	Modified variational Bayes EM estimation of hidden Markov tree model of cell lineages. <i>Bioinformatics</i> , 2009, 25, 2824-2830.	1.8	13
580	Exploiting Structure in Wavelet-Based Bayesian Compressive Sensing. <i>IEEE Transactions on Signal Processing</i> , 2009, 57, 3488-3497.	3.2	407
581	New trends in Markov models and related learning to restore data. , 2009, , .		2
582	A novel wavelet domain statistical approach for denoising SAR images. , 2009, , .		6

#	ARTICLE	IF	CITATIONS
583	Unsupervised novelty detection using Gabor filters for defect segmentation in textures. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 1967.	0.8	17
584	Segmentation-Driven Image Fusion Based on Alpha-Stable Modeling of Wavelet Coefficients. IEEE Transactions on Multimedia, 2009, 11, 624-633.	5.2	86
585	Multitask Compressive Sensing. IEEE Transactions on Signal Processing, 2009, 57, 92-106.	3.2	453
586	Discriminative Wavelet Packet Filter Bank Selection for Pattern Recognition. IEEE Transactions on Signal Processing, 2009, 57, 1796-1810.	3.2	24
587	Speckle Suppression in SAR Images Using the 2-D GARCH Model. IEEE Transactions on Image Processing, 2009, 18, 250-259.	6.0	42
588	Statistics and dependency analysis of the uniform discrete curvelet coefficients and hidden Markov tree modeling. , 2009, , .		5
589	Statistical image modeling with the magnitude probability density function of complex wavelet coefficients. , 2009, , .		4
590	Image Denoising Based on Combining Neighbouring Wavelet Coefficients. , 2009, , .		0
591	Image Denoising Using Mixtures of Projected Gaussian Scale Mixtures. IEEE Transactions on Image Processing, 2009, 18, 1689-1702.	6.0	36
592	Multi-resolution and Multi-bit Representation for Image Similarity Search. , 2009, , .		0
593	Bayesian Inference on Multiscale Models for Poisson Intensity Estimation: Applications to Photon-Limited Image Denoising. IEEE Transactions on Image Processing, 2009, 18, 1724-1741.	6.0	62
594	Removal of Correlated Noise by Modeling the Signal of Interest in the Wavelet Domain. IEEE Transactions on Image Processing, 2009, 18, 1153-1165.	6.0	54
595	Multiscale Image Segmentation Using Markov Random Field and Spatial Fuzzy Clustering in Wavelet Domain. , 2009, , .		3
596	Multiscale Classification Likelihood Estimation of Weak Boundary through WDHMT Model. , 2009, , .		0
597	Unsupervised image segmentation based on Nonsampled Contourlet hidden Markov trees model. , 2009, , .		3
598	Steganalysis of Spread Spectrum Hiding Based on DWT and GMM. , 2009, , .		3
599	Shearlet-Based Adaptive Bayesian Estimator for Image Denoising. , 2009, , .		2
600	Wheezing sounds detection using multivariate generalized gaussian distributions. , 2009, , .		15

#	ARTICLE	IF	CITATIONS
601	Wavelet-Domain Medical Image Denoising Using Bivariate Laplacian Mixture Model. IEEE Transactions on Biomedical Engineering, 2009, 56, 2826-2837.	2.5	105
602	Medical Image Denoising Using Hierarchical Hidden Markov Model in the Wavelet Domain. , 2009, , .		4
603	Fusion Segmentation Algorithm for SAR Images Based on HMT in Contourlet Domain and D-S Theory of Evidence. Lecture Notes in Computer Science, 2009, , 937-951.	1.0	1
604	Wavelet domain possibilistic c-means clustering based on Markov random field for image segmentation. , 2009, , .		2
605	Unsupervised local defect segmentation in textures using Gabor filters: application to industrial inspection. Proceedings of SPIE, 2009, , .	0.8	2
606	Some System Identification Challenges and Approaches. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1-20.	0.4	12
607	Wavelet-based Poisson rate estimation using the Skellam distribution. , 2009, , .		4
608	Joint deconvolution and imaging. , 2009, , .		2
609	A Method Using Nonparametric Hidden Markov Trees for Image Denoising. , 2009, , .		1
610	Image de-noising based on translation invariant wavelet transform and bivariate mode. , 2010, , .		0
611	Adaptive estimation of stationary Gaussian fields. Annals of Statistics, 2010, 38, .	1.4	5
612	Control of Machine Tools and Machining Processes. The Electrical Engineering Handbook, 2010, , 10-1-10-18.	0.2	0
613	Image Super-Resolution Based on MCA and Wavelet-Domain HMT. , 2010, , .		4
614	A study of relative phase in complex wavelet domain: Property, statistics and applications in texture image retrieval and segmentation. Signal Processing: Image Communication, 2010, 25, 28-46.	1.8	56
615	Image denoising employing local mixture models in sparse domains. IET Image Processing, 2010, 4, 413.	1.4	37
616	Gamma Markov Random Fields for Audio Source Modeling. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 589-601.	3.8	46
617	Time-Scale Atoms Chains for Transients Detection in Audio Signals. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 420-433.	3.8	11
618	Joint Time-Frequency Segmentation Algorithm for Transient Speech Decomposition and Speech Enhancement. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 1417-1428.	3.8	19

#	ARTICLE	IF	CITATIONS
619	Two Novel Bayesian Multiscale Approaches for Speckle Suppression in SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 2980-2993.	2.7	42
620	Model-Based Compressive Sensing. IEEE Transactions on Information Theory, 2010, 56, 1982-2001.	1.5	1,244
621	Low-Dimensional Models for Dimensionality Reduction and Signal Recovery: A Geometric Perspective. Proceedings of the IEEE, 2010, 98, 959-971.	16.4	123
622	SAR Image Despeckling Using Edge Detection and Feature Clustering in Bandelet Domain. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 131-135.	1.4	54
623	Wavelet-based multiscale texture segmentation: Application to stromal compartment characterization on virtual slides. Signal Processing, 2010, 90, 2412-2422.	2.1	19
624	Denoising and recognition using hidden Markov models with observation distributions modeled by hidden Markov trees. Pattern Recognition, 2010, 43, 1577-1589.	5.1	17
625	Minimum classification error learning for sequential data in the wavelet domain. Pattern Recognition, 2010, 43, 3998-4010.	5.1	2
626	A rate-distortion analysis on motion prediction efficiency and mode decision for scalable wavelet video coding. Journal of Visual Communication and Image Representation, 2010, 21, 917-929.	1.7	7
627	Homogeneity similarity based image denoising. Pattern Recognition, 2010, 43, 4089-4100.	5.1	31
628	Enhancement of signal denoising and multiple fault signatures detecting in rotating machinery using dual-tree complex wavelet transform. Mechanical Systems and Signal Processing, 2010, 24, 119-137.	4.4	206
629	Data-driven neighborhood selection of a Gaussian field. Computational Statistics and Data Analysis, 2010, 54, 1355-1371.	0.7	2
630	Image processing using 3-state cellular automata. Computer Vision and Image Understanding, 2010, 114, 790-802.	3.0	81
631	Multiscale Statistical Models for Hierarchical Spatial Aggregation. Geographical Analysis, 2001, 33, 95-118.	1.9	43
632	Locally Stationary Wavelet Fields with Application to the Modelling and Analysis of Image Texture. Journal of the Royal Statistical Society Series C: Applied Statistics, 2010, 59, 595-616.	0.5	30
633	Image Segmentation Based on Contextual Label Tree for Retrieval. Advanced Materials Research, 2010, 121-122, 563-568.	0.3	0
634	Compressive coded apertures for high-resolution imaging. , 2010, , .		6
635	Study on the wavelet threshold image de-noising method. , 2010, , .		0
636	Research of Filtering Based on Wavelet De-Noising Method for Revolution-Modulation North-Finder. Advanced Materials Research, 0, 121-122, 934-939.	0.3	0

#	ARTICLE	IF	CITATIONS
637	Robust image watermarking using dual tree complex wavelet transform based on Human Visual System. , 2010, , .		4
638	Compositional generative mapping of structured data. , 2010, , .		7
639	A CHMT model based DE-speckling method for SAR image. , 2010, , .		0
640	Scalable Intra-band and Composite Wavelet-Based Coding of Semiregular Meshes. IEEE Transactions on Multimedia, 2010, 12, 773-789.	5.2	22
641	A new image segmentation combining hidden Markov trees model with Bayesian approach. , 2010, , .		0
642	Power and Area Efficient Wavelet-Based On-chip ECG Processor for WBAN. , 2010, , .		10
643	The researches of the image segmentation algorithm based on Contourlet transformation. , 2010, , .		2
644	A Novel Approach to Detect Ship-Radiated Signal Based on HMT. , 2010, , .		0
645	Fuzzy contrast enhancement for remote sensing image based on fuzzy set in nonsubsampled contourlet domain. , 2010, , .		5
646	Cycle slips and outliers detection based on biorthogonal wavelet transform modulus maximum. , 2010, , .		0
647	The Adaptive Bivariate Shrinkage Denoising Method. , 2010, , .		0
648	An improved method of image denoising based on wavelet transform. , 2010, , .		4
650	Statistical Wavelet Subband Characterization Based on Generalized Gamma Density and Its Application in Texture Retrieval. IEEE Transactions on Image Processing, 2010, 19, 281-289.	6.0	92
651	Sparse Signal Recovery and Acquisition with Graphical Models. IEEE Signal Processing Magazine, 2010, , .	4.6	45
652	Complex Gaussian Scale Mixtures of Complex Wavelet Coefficients. IEEE Transactions on Signal Processing, 2010, 58, 3545-3556.	3.2	23
653	Asymmetry of information flow between volatilities across time scales. Quantitative Finance, 2010, 10, 895-915.	0.9	94
654	Compressive blind source separation. , 2010, , .		7
655	Bayesian Compressive Sensing Via Belief Propagation. IEEE Transactions on Signal Processing, 2010, 58, 269-280.	3.2	358

#	ARTICLE	IF	CITATIONS
656	Super Resolution for Remote Sensing Images Based on a Universal Hidden Markov Tree Model. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 1270-1278.	2.7	70
657	Face Recognition Using Local Gabor Phase Characteristics. , 2010, , .		1
658	An image quality assessment metric with no reference using hidden Markov tree model. Proceedings of SPIE, 2010, , .	0.8	4
659	Texture Classification Using Refined Histogram. IEEE Transactions on Image Processing, 2010, 19, 1371-1378.	6.0	136
660	Sonar image denoising based on HMT model in morphological wavelet domain. , 2010, , .		4
661	Video Denoising Using Motion Compensated 3-D Wavelet Transform With Integrated Recursive Temporal Filtering. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 780-791.	5.6	24
662	Video deblurring in complex wavelet domain using local Laplace prior for enhancement and anisotropic spatially adaptive denoising for PSF detection. , 2010, , .		2
663	Gaussian Multiresolution Models: Exploiting Sparse Markov and Covariance Structure. IEEE Transactions on Signal Processing, 2010, 58, 1012-1024.	3.2	14
664	Reconstruction and super-resolution algorithms of 2D-3D images and objects. , 2010, , .		0
665	Application of denoising techniques to micro-tomographic images. , 2010, , .		2
666	Tree-Structured Compressive Sensing With Variational Bayesian Analysis. IEEE Signal Processing Letters, 2010, 17, 233-236.	2.1	133
667	Audio information hiding based on distance metric. , 2010, , .		0
668	Compressive imaging using approximate message passing and a Markov-tree prior. , 2010, , .		6
669	Lightweight Probabilistic Texture Retrieval. IEEE Transactions on Image Processing, 2010, 19, 241-253.	6.0	73
670	Shearlet-based image denoising using bivariate model. , 2010, , .		0
671	Simulation of porosity field using wavelet bayesian inversion of crosswell GPR and log data. , 2010, , .		0
672	Video Denoising Based on a Spatiotemporal Gaussian Scale Mixture Model. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1032-1040.	5.6	80
673	SAR Image Speckle Noise Suppression Based on DFB Hidden Markov Models Using Immune Clonal Selection Thresholding. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
674	Performance evaluation of voltage sag detection methods. , 2010, , .		4
675	Quantitative Steganalysis Based on Wavelet Domain HMT and PLSR. , 2011, , .		1
676	Speckle images denoising in laser projection displaying. , 2011, , .		0
677	A New Image Super-Resolution Method in the Wavelet Domain. , 2011, , .		5
678	One-Sided σ^2 -GGD Source Modeling and Rate-Distortion Optimization in Scalable Wavelet Video Coder. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1557-1570.	5.6	1
679	Image Super Resolution Technique Based on Wavelet Decomposition Implemented on OMAP3530 Platform. , 2011, , .		3
680	Laser speckle images research based on wavelet-domain hidden Markov models. , 2011, , .		0
681	Interleaving Wavelet Coefficients for Adaptive Data Transmission from Pervasive Sensing Systems. , 2011, , .		0
682	Theoretical models and market architecture of PHM monitoring systems. , 2011, , .		4
683	SAR despeckling using a modified wavelet-domain statistic model. , 2011, , .		0
684	A Novel Technique for Transmission of M-Ary Signal through Wireless Fading Channel Using Wavelet Denoising. Journal of Computer Networks and Communications, 2011, 2011, 1-10.	1.2	3
685	EMAT noise suppression using information fusion in stationary wavelet packets. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 1027-1036.	1.7	14
686	An edge detection method of lane lines based on mathematical morphology and MATLAB. , 2011, , .		3
687	Multivariate Compressive Sensing for Image Reconstruction in the Wavelet Domain: Using Scale Mixture Models. IEEE Transactions on Image Processing, 2011, 20, 3483-3494.	6.0	36
688	Efficient adaptive compressive sensing using sparse hierarchical learned dictionaries. , 2011, , .		14
689	Discrete Wavelet Transform-Based Satellite Image Resolution Enhancement. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 1997-2004.	2.7	185
690	Wavelet-Based Analysis and Estimation of Colored Noise. , 0, , .		3
691	Biomedical Image Volumes Denoising via the Wavelet Transform. , 0, , .		14

#	ARTICLE	IF	CITATIONS
692	System of the Automatic Preventive On-Line Monitoring and Diagnostics of Car Engines on the Basis of the New Methods of Preventive Diagnostics. , 2011, , .		5
693	Compressive Optical Imaging: Architectures and Algorithms. , 2011, , 485-505.		45
694	Image enhancement by wavelet-based thresholding neural network with adaptive learning rate. IET Image Processing, 2011, 5, 573.	1.4	24
695	Denoising of Hyperspectral Imagery Using Principal Component Analysis and Wavelet Shrinkage. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 973-980.	2.7	335
696	Framelet Algorithms for De-Blurring Images Corrupted by Impulse Plus Gaussian Noise. IEEE Transactions on Image Processing, 2011, 20, 1822-1837.	6.0	170
697	Efficient Texture Image Retrieval Using Copulas in a Bayesian Framework. IEEE Transactions on Image Processing, 2011, 20, 2063-2077.	6.0	65
698	â€œRewiringâ€•Filterbanks for Local Fourier Analysis: Theory and Practice. IEEE Transactions on Information Theory, 2011, 57, 5360-5374.	1.5	8
699	Automatic segmentation of digitalized historical manuscripts. Multimedia Tools and Applications, 2011, 55, 483-506.	2.6	20
700	Audio steganalysis of spread spectrum information hiding based on statistical moment and distance metric. Multimedia Tools and Applications, 2011, 55, 525-556.	2.6	6
701	Detection of Transient Signals in Lung Sounds: Local Approach Using a Markovian Tree with Frequency Selectivity. Journal of Signal Processing Systems, 2011, 65, 445-456.	1.4	2
702	Entropy-based correlated shrinkage of spatial random processes. Stochastic Environmental Research and Risk Assessment, 2011, 25, 389-402.	1.9	3
704	Edge preserving filter of side scan sonar images with wavelet modulus maxima shiftâ€•correlative technique. International Journal of Imaging Systems and Technology, 2011, 21, 349-355.	2.7	4
705	Construction of parameterizations of masks for tight wavelet frames with two symmetric/antisymmetric generators and applications in image compression and denoising. Journal of Computational and Applied Mathematics, 2011, 235, 2112-2136.	1.1	5
706	Ant colony optimization for wavelet-based image interpolation using a three-component exponential mixture model. Expert Systems With Applications, 2011, 38, 12514-12520.	4.4	43
707	Global optimization of wavelet-domain hidden Markov tree for image segmentation. Pattern Recognition, 2011, 44, 2811-2818.	5.1	14
708	Vonn distribution of relative phase for statistical image modeling in complex wavelet domain. Signal Processing, 2011, 91, 114-125.	2.1	28
709	Image denoising with anisotropic bivariate shrinkage. Signal Processing, 2011, 91, 2078-2090.	2.1	33
710	Multi-scale analysis of long range dependent traffic for anomaly detection in wireless sensor networks. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
711	Image segmentation using Directionlet-domain hidden Markov tree models. , 2011, , .		1
712	Mission design for compressive sensing with mobile robots. , 2011, , .		18
713	Algorithmic method of analysis of time series data for definition of prognostic parameters of engine fault. , 2011, , .		4
714	Robust video denoising for better subjective evaluation. , 2011, , .		1
715	Local probability distribution of natural signals in sparse domains. , 2011, , .		3
716	Adaptive sampling using mobile robotic sensors. , 2011, , .		1
717	Image Denoising Algorithm Using Neighbourhood Characteristics and Cycle Spinning. , 2011, , .		1
718	Convex approaches to model wavelet sparsity patterns. , 2011, , .		35
719	Statistics of real-world hyperspectral images. , 2011, , .		341
720	Statistical Modeling of Low SNR Magnetic Resonance Images in Wavelet Domain Using Laplacian Prior and Two-Sided Rayleigh Noise for Visual Quality Improvement. Measurement Science Review, 2011, 11, .	0.6	9
721	Design and development of rolling bearing vibration signal analysis system. , 2011, , .		1
722	Proximity algorithms for image models: denoising. Inverse Problems, 2011, 27, 045009.	1.0	188
723	Image denoising in wavelet domain using a new thresholding function. , 2011, , .		10
724	A New Local Adaptive Wavelet Image De-noising Method. , 2011, , .		4
725	Wavelet Compressive Sampling Signal Reconstruction Using Upside-Down Tree Structure. Mathematical Problems in Engineering, 2011, 2011, 1-10.	0.6	1
726	Research on Wear Debris Recognition Based on Patch Similarity of Anisotropic Diffusion and BP Neural Network. Applied Mechanics and Materials, 0, 263-266, 2458-2461.	0.2	0
727	Quaternion Wavelet Analysis and Application in Image Denoising. Mathematical Problems in Engineering, 2012, 2012, 1-21.	0.6	23
728	Sequential Anomaly Detection in Wireless Sensor Networks and Effects of Long-Range Dependent Data. Sequential Analysis, 2012, 31, 458-480.	0.2	2

#	ARTICLE	IF	CITATIONS
729	Improved statistical image fusion method using a continuous-valued blur factor. Optical Engineering, 2012, 51, 047004.	0.5	4
730	Speckle Noise Reduction for Ultrasound Images via Adaptive Neighborhood Accumulated Multi-scale Products Thresholding. Lecture Notes in Computer Science, 2012, , 397-404.	1.0	0
731	IMAGE DENOISING BASED ON GAUSSIAN AND NON-GAUSSIAN ASSUMPTION. International Journal of Wavelets, Multiresolution and Information Processing, 2012, 10, 1250014.	0.9	4
732	Blurred Image Deconvolution Using Gaussian Scale Mixtures Model in Wavelet Domain. , 2012, , .		6
733	Hyperspectral Image Unmixing Using a Multiresolution Sticky HDP. IEEE Transactions on Signal Processing, 2012, 60, 1656-1671.	3.2	20
734	Oil Spill in SAR Image Denoising Method Based on Contourlet HMT. Key Engineering Materials, 0, 500, 545-549.	0.4	3
735	Detection of human presence in a vehicle by vibration analysis. IET Intelligent Transport Systems, 2012, 6, 413-420.	1.7	3
736	Subjective evaluations of example-based, total variation, and joint regularization for image processing. Proceedings of SPIE, 2012, , .	0.8	0
737	Image reconstruction from compressive samples via a max-product EM algorithm. Proceedings of SPIE, 2012, , .	0.8	1
738	Adaptive sensing for sparse recovery. , 2012, , 269-304.		15
739	Polynomial Smoothing of Time Series With Additive Step Discontinuities. IEEE Transactions on Signal Processing, 2012, 60, 6305-6318.	3.2	28
740	An Ultra-Low Power ECG Acquisition and Monitoring ASIC System for WBAN Applications. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2012, 2, 60-70.	2.7	53
741	SAR Image Multiclass Segmentation Using a Multiscale TMF Model in Wavelet Domain. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 1099-1103.	1.4	16
742	Adaptive Compressed Image Sensing Using Dictionaries. SIAM Journal on Imaging Sciences, 2012, 5, 57-89.	1.3	57
743	Exploiting Statistical Dependencies in Sparse Representations for Signal Recovery. IEEE Transactions on Signal Processing, 2012, 60, 2286-2303.	3.2	106
744	Wavelet-based image denoising using three scales of dependency. IET Image Processing, 2012, 6, 756-760.	1.4	32
745	Signal denoising using neighbouring dual-tree complex wavelet coefficients. IET Signal Processing, 2012, 6, 143.	0.9	20
746	Spectral Estimation by Computationally Reduced Kalman Filter. Circuits, Systems, and Signal Processing, 2012, 31, 2205-2220.	1.2	1

#	ARTICLE	IF	CITATIONS
747	UAV Image denoising using adaptive dual-tree discrete wavelet packets based on estimate the distributing of the noise. , 2012, , .		1
748	Image denoising using wavelet Bayesian network models. , 2012, , .		3
749	Image fusion using adaptive dual-tree discrete wavelet packets based on the noise distribution estimation. , 2012, , .		1
750	Adaptive sampling using mobile sensor networks. , 2012, , .		12
751	Multi-scale stochastic simulation with a wavelet-based approach. Computers and Geosciences, 2012, 45, 177-189.	2.0	21
752	Wavelet domain Bayesian processor for speckle removal in medical ultrasound images. IET Image Processing, 2012, 6, 580.	1.4	17
753	A Complex Contourlet Transform and its HMT model for denoising and texture retrieval. , 2012, , .		1
754	DS+CS: Joint direct and compressive sampling for signals with nonuniform sparsity. , 2012, , .		0
755	A comparison of denoising methods for X-ray fluoroscopic images. Biomedical Signal Processing and Control, 2012, 7, 550-559.	3.5	39
756	Detection of epileptic activity in fMRI without recording the EEG. NeuroImage, 2012, 60, 1867-1879.	2.1	43
757	VLSI ARCHITECTURE FOR DESPECKLING OF SAR IMAGE USING PARAMETRIC MULTIWAVELET. Procedia Engineering, 2012, 30, 1205-1211.	1.2	0
758	Capsule Endoscopic Colour Image Denoising Using Complex Wavelet Transform. Communications in Computer and Information Science, 2012, , 220-229.	0.4	10
759	Speckle filtering algorithm for polarimetric SAR based on mean shift. , 2012, , .		2
760	A Bayesian max-product EM algorithm for reconstructing structured sparse signals. , 2012, , .		3
761	Correlated gaussian designs for compressive imaging. , 2012, , .		4
762	Compressive Imaging Using Approximate Message Passing and a Markov-Tree Prior. IEEE Transactions on Signal Processing, 2012, 60, 3439-3448.	3.2	171
763	Compositional Generative Mapping for Tree-Structured Dataâ€”Part I: Bottom-Up Probabilistic Modeling of Trees. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1987-2002.	7.2	33
764	Melanoma classification from Hidden Markov Tree features. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
765	Using hidden Markov toolkit for arrhythmia recognition. , 2012, , .		1
767	Accelerated 3D MERGE carotid imaging using compressed sensing with a hidden markov tree model. Journal of Magnetic Resonance Imaging, 2012, 36, 1194-1202.	1.9	18
768	Neighboring Coefficients Preservation for Signal Denoising. Circuits, Systems, and Signal Processing, 2012, 31, 827-832.	1.2	15
769	Empirical Study of Wavelet Domain Image Joint Statistics and Proposition of an Efficient Correlation Map. Journal of Mathematical Imaging and Vision, 2012, 43, 24-38.	0.8	0
770	Contourlet HMT model with directional feature. Science China Information Sciences, 2012, 55, 1563-1578.	2.7	5
771	Post-experimental denoising and background subtraction of surface plasmon resonance images for better quantification. Chemometrics and Intelligent Laboratory Systems, 2012, 114, 56-63.	1.8	8
772	Contourlet hidden Markov Tree and clarity-saliency driven PCNN based remote sensing images fusion. Applied Soft Computing Journal, 2012, 12, 228-237.	4.1	46
773	Analysis and design of Wavelet-Packet Cepstral coefficients for automatic speech recognition. Speech Communication, 2012, 54, 814-835.	1.6	38
774	An Informed Watermarking Scheme Using Hidden Markov Model in the Wavelet Domain. IEEE Transactions on Information Forensics and Security, 2012, 7, 853-867.	4.5	40
775	Rate Distortion Behavior of Sparse Sources. IEEE Transactions on Information Theory, 2012, 58, 4969-4992.	1.5	40
776	Recursive segmentation and recognition templates for image parsing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 359-371.	9.7	87
777	A learning-based method for compressive image recovery. Journal of Visual Communication and Image Representation, 2013, 24, 1055-1063.	1.7	14
778	Wavelet-based denoising: A brief review. , 2013, , .		22
779	Multiple-Spectral-Band CRFs for Denoising Junk Bands of Hyperspectral Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2260-2275.	2.7	80
780	Image restoration by adaptive wavelet thresholding method. , 2013, , .		0
781	Color Video Denoising Based on Combined Interframe and Intercolor Prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 128-141.	5.6	19
782	Multivariate pursuit image reconstruction using prior information beyond sparsity. Signal Processing, 2013, 93, 1662-1672.	2.1	6
783	Wavelet based Denoising of Medical Images Using Sub-band Adaptive Thresholding through Genetic Algorithm. Procedia Technology, 2013, 10, 680-689.	1.1	32

#	ARTICLE	IF	CITATIONS
784	Image watermark detection in the wavelet domain using Bessel K densities. IET Image Processing, 2013, 7, 281-289.	1.4	27
785	Bayesian Learning of Sparse Multiscale Image Representations. IEEE Transactions on Image Processing, 2013, 22, 4972-4983.	6.0	19
786	Adaptive redundant multiwavelet denoising with improved neighboring coefficients for gearbox fault detection. Mechanical Systems and Signal Processing, 2013, 38, 549-568.	4.4	29
787	Adaptive edge-preserving image denoising using wavelet transforms. Pattern Analysis and Applications, 2013, 16, 567-580.	3.1	42
788	Denoising of PET images by combining wavelets and curvelets for improved preservation of resolution and quantitation. Medical Image Analysis, 2013, 17, 877-891.	7.0	60
789	Multidimensional compressed sensing and their applications. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2013, 3, 355-380.	4.6	64
790	Non-homogeneous hidden Markov chain models for wavelet-based hyperspectral image processing. , 2013, , .		6
791	MR images reconstruction based on TV-Group sparse model. , 2013, , .		2
792	Visually Weighted Compressive Sensing: Measurement and Reconstruction. IEEE Transactions on Image Processing, 2013, 22, 1444-1455.	6.0	14
793	EEG feature extraction and selection techniques for epileptic detection: A comparative study. , 2013, , .		8
794	A Max-Product EM Algorithm for Reconstructing Markov-Tree Sparse Signals From Compressive Samples. IEEE Transactions on Signal Processing, 2013, 61, 5917-5931.	3.2	3
795	LiDAR simulation in modelled orchards to optimise the use of terrestrial laser scanners and derived vegetative measures. Biosystems Engineering, 2013, 115, 7-19.	1.9	23
796	Denoising three-dimensional and colored images using a Bayesian multi-scale model for photon counts. Signal Processing, 2013, 93, 2906-2914.	2.1	4
797	Image denoising using trivariate prior model in nonsubsampling dual-tree complex contourlet transform domain and non-local means filter in spatial domain. Optik, 2013, 124, 6896-6904.	1.4	23
798	An input-output hidden Markov model for tree transductions. Neurocomputing, 2013, 112, 34-46.	3.5	13
799	Motion block based video super resolution. , 2013, 23, 1451-1462.		7
800	Atomic force microscope infrared spectroscopy on 15 nm scale polymer nanostructures. Review of Scientific Instruments, 2013, 84, 023709.	0.6	37
801	Wavelet Bayesian Network Image Denoising. IEEE Transactions on Image Processing, 2013, 22, 1277-1290.	6.0	26

#	ARTICLE	IF	CITATIONS
802	Wavelet Denoising Based on the MAP Estimation Using the BKF Prior With Application to Images and EEG Signals. IEEE Transactions on Signal Processing, 2013, 61, 1880-1894.	3.2	37
803	Multiscale texture segmentation via a contourlet contextual hidden Markov model. , 2013, 23, 859-869.		13
804	SAR image despeckling using possibilistic fuzzy C-means clustering and edge detection in bandelet domain. Neural Computing and Applications, 2013, 23, 279-291.	3.2	9
805	SAR image multiclass segmentation using a multiscale and multidirection triplet Markov fields model in nonsubsampled contourlet transform domain. Information Fusion, 2013, 14, 441-449.	11.7	18
807	$\langle \mathbf{m} \cdot \mathbf{m} \rangle = \langle \mathbf{s} \cdot \mathbf{s} \rangle$ <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x</small>	0.7	6
808	Generalized multihypothesis motion compensated filter for grayscale and color video denoising. Signal Processing, 2013, 93, 70-85.	2.1	9
809	Stylometry of paintings using hidden Markov modelling of contourlet transforms. Signal Processing, 2013, 93, 579-591.	2.1	24
810	Visual stylometry using background selection and wavelet-HMT-based Fisher information distances for attribution and dating of impressionist paintings. Signal Processing, 2013, 93, 541-553.	2.1	20
811	An image representation scheme by hybrid compressive sensing. , 2013, , .		2
812	Sample Distortion for Compressed Imaging. IEEE Transactions on Signal Processing, 2013, 61, 6431-6442.	3.2	5
813	SAR Target Configuration Recognition Using Locality Preserving Property and Gaussian Mixture Distribution. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 268-272.	1.4	38
814	Improved subband adaptive thresholding function for denoising of satellite image based on evolutionary algorithms. IET Signal Processing, 2013, 7, 720-730.	0.9	50
815	Noisy hidden Markov models for speech recognition. , 2013, , .		7
816	A De-Noising Algorithm Dealing with Spectral Signal in Color Measurement Based on Wavelet Transform. Applied Mechanics and Materials, 2013, 303-306, 1043-1047.	0.2	0
817	Multiscale Image Segmentation Using Energy Minimization. Advanced Materials Research, 2013, 662, 940-943.	0.3	0
818	Image Fusion Method Based on Universal Hidden Markov Tree Model in the Contourlet Domain. Advanced Materials Research, 2013, 684, 491-494.	0.3	0
819	Optical Coherence Tomography Noise Reduction Using Anisotropic Local Bivariate Gaussian Mixture Prior in 3D Complex Wavelet Domain. International Journal of Biomedical Imaging, 2013, 2013, 1-23.	3.0	26
820	Sparse and structured decomposition of audio signals on hybrid dictionaries using musical priors. Journal of the Acoustical Society of America, 2013, 134, 666-685.	0.5	0

#	ARTICLE	IF	CITATIONS
821	A Robust Self-Alignment Method for Ship's Strapdown INS Under Mooring Conditions. Sensors, 2013, 13, 8103-8139.	2.1	38
822	Image denoising using neighboring coefficients of nonsubsampling contourlet transform. , 2013, , .		0
823	Developing an efficient technique for satellite image denoising and resolution enhancement for improving classification accuracy. Journal of Electronic Imaging, 2013, 22, 013013.	0.5	11
824	Quantifying self-organization with optimal wavelets. Europhysics Letters, 2013, 102, 40004.	0.7	7
825	SIMULTANEOUS MULTI-BAND DETECTION OF LOW SURFACE BRIGHTNESS GALAXIES WITH MARKOVIAN MODELING. Astronomical Journal, 2013, 145, 36.	1.9	6
826	A DD_DTCWT Image De-noising Method Based on Scale Noise Level Estimation. Communications in Computer and Information Science, 2013, , 145-153.	0.4	0
827	Joint compressive video coding and analysis With Hidden Markov model based weighted reconstruction. , 2013, , .		0
828	A no-reference video quality assessment based on Laplacian pyramids. , 2013, , .		20
829	Image denoising based on genetic algorithm. , 2013, , .		8
830	Comparative study of automatic speech recognition techniques. IET Signal Processing, 2013, 7, 25-46.	0.9	72
831	An EM-based hybrid Fourier-wavelet image deconvolution algorithm. , 2013, , .		2
832	Adaptive image denoising using wavelet thresholding. , 2013, , .		4
833	Painting analysis using wavelets and probabilistic topic models. , 2013, , .		6
834	Compositional Generative Mapping for Tree-Structured Data"Part II: Topographic Projection Model. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 231-247.	7.2	15
835	Fault Prognosis and Simulation of Sensor via Hidden Markov Model. , 2013, , .		1
836	Functional MR image statistical restoration for neural activity detection using hidden Markov tree model. International Journal of Computational Biology and Drug Design, 2013, 6, 190.	0.3	2
837	COMPARATIVE ANALYSIS OF SATELLITE IMAGE PRE-PROCESSING TECHNIQUES. Journal of Computer Science, 2013, 9, 176-182.	0.5	10
838	A new semantic wavelet-based spectral representation. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
839	Image De-Nosing Based on Non-Subsampled Contourlet Transform Domain in Multi-Bessel K Form Model. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 3400-3403.	0.1	1
840	An Enhanced Informed Watermarking Scheme Using the Posterior Hidden Markov Model. Scientific World Journal, The, 2014, 2014, 1-13.	0.8	3
841	Image resolution enhancement using undecimated double density dual tree wavelet transform. , 2014, , .		3
842	A new approach of image enhancement based on improved fuzzy domain algorithm. , 2014, , .		3
843	Detection and Classification of Nonstationary Transient Signals Using Sparse Approximations and Bayesian Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 1750-1764.	4.0	8
844	A study of long-term fMRI reproducibility using data-driven analysis methods. International Journal of Imaging Systems and Technology, 2014, 24, 339-349.	2.7	4
845	Estimating the Statistical Characteristics of Remote Sensing Big Data in the Wavelet Transform Domain. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 324-337.	3.2	23
846	Fast approximate L0-norm deconvolution using structured wavelet domain priors. , 2014, , .		0
847	An effective image restoration using Kullback-Leibler divergence minimization. , 2014, , .		1
848	Image deconvolution using tree-structured Bayesian group sparse modeling. , 2014, , .		1
849	Tree structure based MR image reconstruction with partially known support. , 2014, , .		0
850	Image denoising using contextual modeling of curvelet coefficients. , 2014, , .		2
851	Statistical Modeling of Multi-modal Medical Image Fusion Method Using C-CHMM and M-PCNN. , 2014, , .		5
852	String Kernels for Complex Time-Series: Counting Targets from Sensed Movement. , 2014, , .		0
853	A fast approximation algorithm for tree-sparse recovery. , 2014, , .		18
854	Radar Target Profiling and Recognition Based on TSI-Optimized Compressive Sensing Kernel. IEEE Transactions on Signal Processing, 2014, 62, 3194-3207.	3.2	45
855	Spatial-temporal fusion for flotation froth image denoising based on BLS-GSM method in curvelet domain. IEEE Transactions on Electrical and Electronic Engineering, 2014, 9, 31-38.	0.8	3
856	Integrating bi-directional contexts in a generative kernel for trees. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
857	Non-stationary noise estimation using dictionary learning and Gaussian mixture models. , 2014, , .		0
858	An Adaptive Image Interpolation Method Focusing on Edge Information. , 2014, , .		0
859	Super-resolution algorithm based on weighted vector quantization. Journal of Electronic Imaging, 2014, 23, 023002.	0.5	1
860	Hierarchical Infinite Divisibility for Multiscale Shrinkage. IEEE Transactions on Signal Processing, 2014, 62, 4363-4374.	3.2	19
861	The benefit of tree sparsity in accelerated MRI. Medical Image Analysis, 2014, 18, 834-842.	7.0	48
862	Enhanced state selection Markov model for image splicing detection. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	1.5	10
863	A Unified Formulation of Gaussian Versus Sparse Stochastic Processesâ€™ Part I: Continuous-Domain Theory. IEEE Transactions on Information Theory, 2014, 60, 1945-1962.	1.5	39
864	On the Fundamental Limits of Recovering Tree Sparse Vectors From Noisy Linear Measurements. IEEE Transactions on Information Theory, 2014, 60, 133-149.	1.5	14
865	Probability density of the empirical wavelet coefficients of a noisy chaos. Physica D: Nonlinear Phenomena, 2014, 276, 28-47.	1.3	7
866	Adaptive Bayesian Denoising for General Gaussian Distributed Signals. IEEE Transactions on Signal Processing, 2014, 62, 1147-1156.	3.2	15
867	Reconstruction of Signals Drawn From a Gaussian Mixture Via Noisy Compressive Measurements. IEEE Transactions on Signal Processing, 2014, 62, 2265-2277.	3.2	34
868	Compressed sensing MRI exploiting complementary dual decomposition. Medical Image Analysis, 2014, 18, 472-486.	7.0	8
869	Image denoising in extended Shearlet domain using hidden Markov tree models. , 2014, 30, 101-113.		7
870	Translation Invariant Directional Framelet Transform Combined With Gabor Filters for Image Denoising. IEEE Transactions on Image Processing, 2014, 23, 44-55.	6.0	28
871	EGGDD: An explicit dependency model for multi-modal medical image fusion in shift-invariant shearlet transform domain. Information Fusion, 2014, 19, 29-37.	11.7	87
872	Image denoising in wavelet domain using the vector-based hidden Markov model. , 2014, , .		10
873	3D CT to 2D low dose single-plane fluoroscopy registration algorithm for in-vivo knee motion analysis. , 2014, 2014, 5121-4.		2
874	Multiscale Image Segmentation Using Bayesian Optimum Statistical Estimation. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
875	Exploiting the wavelet structure in compressed sensing MRI. Magnetic Resonance Imaging, 2014, 32, 1377-1389.	1.0	49
876	Classification method for faults diagnosis in reluctance motors using Hidden Markov Models. , 2014, , .		10
877	Deciduous tree reconstruction algorithm based on cylinder fitting from mobile terrestrial laser scanned point clouds. Biosystems Engineering, 2014, 124, 78-88.	1.9	31
878	Artificial Bee Colony-based satellite image contrast and brightness enhancement technique using DWT-SVD. International Journal of Remote Sensing, 2014, 35, 1601-1624.	1.3	53
879	A new blind wavelet domain watermark detector using hidden Markov model. , 2014, , .		8
880	Hidden Markov tree model of images using quaternion wavelet transform. Computers and Electrical Engineering, 2014, 40, 819-832.	3.0	11
881	Translation-invariant shrinkage/thresholding of group sparse signals. Signal Processing, 2014, 94, 476-489.	2.1	79
882	Image Understanding Using Sparse Representations. Synthesis Lectures on Image, Video, and Multimedia Processing, 2014, 7, 1-118.	0.9	13
883	Image denoising using orthonormal wavelet transform with stein unbiased risk estimator. , 2014, , .		1
884	Simultaneous Low-Pass Filtering and Total Variation Denoising. IEEE Transactions on Signal Processing, 2014, 62, 1109-1124.	3.2	118
885	Cuckoo search algorithm based satellite image contrast and brightness enhancement using DWT-SVD. ISA Transactions, 2014, 53, 1286-1296.	3.1	106
886	Image Resolution Enhancement Using Lifting Wavelet and Stationary Wavelet Transform. , 2014, , .		10
887	Lapped transform-based image denoising with the generalised Gaussian prior. International Journal of Computational Vision and Robotics, 2014, 4, 55.	0.2	5
888	Real-time human versus animal classification using pyro-electric sensor array and Hidden Markov Model. , 2014, , .		0
889	Tailoring non-homogeneous Markov chain wavelet models for hyperspectral signature classification. , 2014, , .		4
890	Next State Prediction algorithm for the avionic systems using the hidden Markov models. , 2015, , .		0
891	Sparse group covers and greedy tree approximations. , 2015, , .		0
892	Wavelet-based genetic association analysis of functional phenotypes arising from high-throughput sequencing assays. Annals of Applied Statistics, 2015, 9, 655-686.	0.5	22

#	ARTICLE	IF	CITATIONS
893	A deep learning approach to structured signal recovery. , 2015, , .		274
894	Parameter Optimization for Local Polynomial Approximation based Intersection Confidence Interval Filter Using Genetic Algorithm: An Application for Brain MRI Image De-Noising. Journal of Imaging, 2015, 1, 60-84.	1.7	96
895	Poisson-Gaussian Noise Reduction Using the Hidden Markov Model in Contourlet Domain for Fluorescence Microscopy Images. PLoS ONE, 2015, 10, e0136964.	1.1	20
896	A New Wavelet Threshold Determination Method Considering Interscale Correlation in Signal Denoising. Mathematical Problems in Engineering, 2015, 2015, 1-9.	0.6	32
897	The Nonsampled Contourlet Transform Based Statistical Medical Image Fusion Using Generalized Gaussian Density. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-13.	0.7	9
898	Normal Inverse Gaussian Model-Based Image Denoising in the NSCT Domain. Mathematical Problems in Engineering, 2015, 2015, 1-13.	0.6	0
899	Mutiscale Texture Segmentation Using Contextual Hidden Markov Tree Models. International Journal of Machine Learning and Computing, 2015, 5, 198-205.	0.8	4
900	Universality of wavelet-based non-homogeneous hidden Markov chain model features for hyperspectral signatures. , 2015, , .		5
901	Compressive imaging with complex wavelet transform and turbo AMP reconstruction. , 2015, , .		2
902	A reconstruction algorithm based on 3D tree-structure Bayesian compressive sensing for underwater videos. , 2015, , .		2
903	A new map estimator for wavelet domain image denoising using vector-based hidden Markov model. , 2015, , .		5
904	New cascade model for hierarchical joint classification of multisensor and multiresolution remote sensing data. , 2015, , .		2
905	New hierarchical joint classification method for SAR-optical multiresolution remote sensing data. , 2015, , .		4
906	Contourlet domain image denoising based on the Bessel k-form distribution. , 2015, , .		0
907	Hyperspectral image recovery employing a multidimensional nonlocal total variation model. Signal Processing, 2015, 111, 230-248.	2.1	41
908	PROMISE: Parallel imaging and compressed sensing reconstruction of multicontrast imaging using Sharable information. Magnetic Resonance in Medicine, 2015, 73, 523-535.	1.9	33
909	Spatially adaptive image denoising using interscale dependence in directionlet domain. IET Image Processing, 2015, 9, 142-152.	1.4	13
910	Variational Bayesian image restoration with group-sparse modeling of wavelet coefficients. , 2015, 47, 157-168.		15

#	ARTICLE	IF	CITATIONS
911	Application of detector precision characteristics for the denoising of biological micrographs in the wavelet domain. Biomedical Signal Processing and Control, 2015, 19, 1-13.	3.5	10
912	Multi-scale statistical signal processing of cutting force in cutting tool condition monitoring. International Journal of Advanced Manufacturing Technology, 2015, 80, 1843-1853.	1.5	38
913	Real-time video traffic management for a warship combat system. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2260-2275.	2.6	2
914	Image denoising utilizing the scale-dependency in the contourlet domain. , 2015, , .		6
915	Real-time classification of humans versus animals using profiling sensors and hidden Markov tree model. Optical Engineering, 2015, 54, 073102.	0.5	1
916	Structured Sparsity: Discrete and Convex Approaches. Applied and Numerical Harmonic Analysis, 2015, , 341-387.	0.1	11
917	Efficient and Robust Image Restoration Using Multiple-Feature L2-Relaxed Sparse Analysis Priors. IEEE Transactions on Image Processing, 2015, 24, 5046-5059.	6.0	28
918	Bayesian compressive sensing using tree-structured complex wavelet transform. IET Signal Processing, 2015, 9, 412-418.	0.9	10
919	A new fast and efficient active steganalysis based on combined geometrical blind source separation. Multimedia Tools and Applications, 2015, 74, 5825-5843.	2.6	4
920	Exploiting Prior Knowledge in Compressed Sensing Wireless ECG Systems. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 508-519.	3.9	90
921	A fast tree-based algorithm for Compressed Sensing with sparse-tree prior. Signal Processing, 2015, 108, 628-641.	2.1	11
922	Wavelet shrinkage using adaptive structured sparsity constraints. Signal Processing, 2015, 106, 73-87.	2.1	17
923	SAR complex image data compression based on quadtree and zerotree Coding in Discrete Wavelet Transform Domain: A Comparative Study. Neurocomputing, 2015, 148, 561-568.	3.5	19
924	A novel curvelet thresholding denoising method based on chi-squared distribution. Signal, Image and Video Processing, 2015, 9, 491-498.	1.7	8
925	Electric vehicles performance estimation through a patterns extraction and classification methodology. Journal of Power Sources, 2015, 273, 670-679.	4.0	6
926	Probabilistic assessment of agricultural droughts using graphical models. Journal of Hydrology, 2015, 526, 151-163.	2.3	25
927	Least Square based Image Denoising using Wavelet Filters. Indian Journal of Science and Technology, 2016, 9, .	0.5	13
928	Texture Segmentation Using Laplace Distribution-Based Wavelet-Domain Hidden Markov Tree Models. Entropy, 2016, 18, 384.	1.1	3

#	ARTICLE	IF	CITATIONS
929	Digital Halftoning through Approximate Optimization of Scale-Related Perceived Error Metric. IEICE Transactions on Information and Systems, 2016, E99.D, 305-308.	0.4	0
930	Additive noise reduction in natural images using second-generation wavelet transform hidden Markov models. IEJ Transactions on Electrical and Electronic Engineering, 2016, 11, 339-347.	0.8	28
931	Noise Removal From Hyperspectral Image With Joint Spectral-Spatial Distributed Sparse Representation. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5425-5439.	2.7	88
932	Fractality and self-organization in the orthodox iconography. Complexity, 2016, 21, 55-68.	0.9	5
933	Classification via Hidden Markov Trees for a Vision-Based Approach to Conveying Webpages to Users with Assistive Needs. , 2016, , .		3
934	Characterization of mango tree patchiness using a tree-segmentation/clustering approach. , 2016, , .		1
935	Comparative analysis of image enhancement techniques. , 2016, , .		1
936	Forecasting solar irradiance variability using the analog method. , 2016, , .		1
937	Multiple testing under dependence via graphical models. Annals of Applied Statistics, 2016, 10, .	0.5	12
938	A study on image denoising in contourlet domain using the alpha-stable family of distributions. Signal Processing, 2016, 128, 459-473.	2.1	22
939	Phase retrieval of optical fringe pattern using wavelet ridge section and adaptive bandpass filter. Optical Engineering, 2016, 55, 093103.	0.5	1
940	Combining local regularity estimation and total variation optimization for scale-free texture segmentation. IEEE Transactions on Computational Imaging, 2016, , 1-1.	2.6	6
941	Unsupervised lineage-based characterization of primate precursors reveals high proliferative and morphological diversity in the OSVZ. Journal of Comparative Neurology, 2016, 524, 535-563.	0.9	18
942	Constrained Adaptive Sensing. IEEE Transactions on Signal Processing, 2016, 64, 5437-5449.	3.2	16
943	Classification and Reconstruction of High-Dimensional Signals From Low-Dimensional Features in the Presence of Side Information. IEEE Transactions on Information Theory, 2016, 62, 6459-6492.	1.5	31
944	Details recovery by linear prediction from an auxiliary band in wavelet domain for hyperspectral image denoising. , 2016, , .		0
945	A group matching pursuit for image reconstruction. Signal Processing: Image Communication, 2016, 49, 47-62.	1.8	4
946	Markov-tree Bayesian group-sparse modeling with wavelets. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
947	SAR image despeckling by employment of multiwavelet based Hidden Markov Model. , 2016, , .		0
948	Application of unsupervised segmentation for SAR imageries based on multiscale stochastic models. , 2016, , .		1
949	Scattering convolutional hidden Markov trees. , 2016, , .		0
950	SAR image despeckling using vector-based hidden Markov model in wavelet domain. , 2016, , .		2
951	Distinguishing Hidden Markov Chains. , 2016, , .		3
952	Multi-tree woody structure reconstruction from mobile terrestrial laser scanner point clouds based on a dual neighbourhood connectivity graph algorithm. Biosystems Engineering, 2016, 148, 34-47.	1.9	14
953	Sift Descriptors Modeling and Application in Texture Image Classification. , 2016, , .		10
954	Filtering noise from time series by means of elastic wave propagation and flux-corrected transport in a discrete medium. Extreme Mechanics Letters, 2016, 6, 60-67.	2.0	0
955	An Efficient Multidimensional Big Data Fusion Approach in Machine-to-Machine Communication. Transactions on Embedded Computing Systems, 2016, 15, 1-25.	2.1	15
956	Localizing the latent structure canonical uncertainty: entropy profiles for hidden Markov models. Statistics and Computing, 2016, 26, 549-567.	0.8	3
957	Statistical Inference in Hidden Markov Models Using <i>k</i> -Segment Constraints. Journal of the American Statistical Association, 2016, 111, 200-215.	1.8	10
958	Modeling and Analysis of Wireless Channels via the Mixture of Gaussian Distribution. IEEE Transactions on Vehicular Technology, 2016, 65, 8309-8321.	3.9	56
959	Image interpolation for high-resolution display based on the complex dual-tree wavelet transform and hidden Markov model. Multimedia Tools and Applications, 2016, 75, 16487-16498.	2.6	10
960	Efficient Spatial Variation Modeling of Nanoscale Integrated Circuits Via Hidden Markov Tree. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 971-984.	1.9	4
961	Adaptive noise clipping-based hybrid progressive median filter for image transmission over top-down powerline communication. International Journal of Communication Networks and Distributed Systems, 2016, 16, 176.	0.3	4
962	Performance evaluation of wavelet, ridgelet, curvelet and contourlet transforms based techniques for digital image denoising. Artificial Intelligence Review, 2016, 45, 509-533.	9.7	22
964	Multi-scale hybrid HMM for tool wear condition monitoring. International Journal of Advanced Manufacturing Technology, 2016, 84, 2437-2448.	1.5	35
965	Extended Shearlet HMT Model-Based Image Denoising Using BKF Distribution. Journal of Mathematical Imaging and Vision, 2016, 54, 301-319.	0.8	5

#	ARTICLE	IF	CITATIONS
966	EMD-Based Temporal and Spectral Features for the Classification of EEG Signals Using Supervised Learning. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 28-35.	2.7	269
967	Performance study of evolutionary algorithm for different wavelet filters for satellite image denoising using sub-band adaptive threshold. Journal of Experimental and Theoretical Artificial Intelligence, 2016, 28, 71-95.	1.8	18
968	Robust image transmission over powerline channel with impulse noise. Multimedia Tools and Applications, 2017, 76, 2813-2835.	2.6	14
969	Structure dependent sampling in compressed sensing: Theoretical guarantees for tight frames. Applied and Computational Harmonic Analysis, 2017, 42, 402-451.	1.1	48
970	Detection of inappropriate working conditions for the timing belt in internal-combustion engines using vibration signals and data mining. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2017, 231, 418-432.	1.1	5
971	Probabilistic Multi-Resolution Scanning for Two-Sample Differences. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 547-572.	1.1	13
972	Bayesian Wavelet Analysis Using Nonlocal Priors with an Application to fMRI Analysis. Sankhya B, 2017, 79, 361-388.	0.4	4
973	Wiener filter-based wavelet domain denoising. Displays, 2017, 46, 37-41.	2.0	14
974	Comparative study of algorithms for ECG segmentation. Biomedical Signal Processing and Control, 2017, 34, 166-173.	3.5	56
975	A new locally optimum watermark detection using vector-based hidden Markov model in wavelet domain. Signal Processing, 2017, 137, 213-222.	2.1	35
976	Semisupervised Endmember Identification in Nonlinear Spectral Mixtures via Semantic Representation. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3272-3286.	2.7	4
977	Image denoising in dual contourlet domain using hidden Markov tree models. , 2017, 67, 17-29.		23
978	Quantifying self-organization in fusion plasmas. Physics of Plasmas, 2017, 24, 052303.	0.7	2
979	Microcalcification diagnosis in digital mammography using extreme learning machine based on hidden Markov tree model of dual-tree complex wavelet transform. Expert Systems With Applications, 2017, 86, 135-144.	4.4	46
980	Convolutional neural networks for wavelet domain super resolution. Pattern Recognition Letters, 2017, 90, 65-71.	2.6	38
981	Fuzzy model-based clustering and its application in image segmentation. Pattern Recognition, 2017, 68, 141-157.	5.1	83
983	Image Fusion With Contextual Statistical Similarity and Nonsampled Shearlet Transform. IEEE Sensors Journal, 2017, 17, 1760-1771.	2.4	52
984	A deep convolutional neural network using directional wavelets for low-dose X-ray CT reconstruction. Medical Physics, 2017, 44, e360-e375.	1.6	561

#	ARTICLE	IF	CITATIONS
985	A Bayesian supervised dual-dimensional reduction model for simultaneous decoding of LFP and spike train signals. Stat, 2017, 6, 53-67.	0.3	10
986	Race identification from facial images using statistical techniques. Journal of Statistics and Management Systems, 2017, 20, 723-730.	0.3	4
987	Adaptive Shrinkage in λ_1 Tree Type Models. Bayesian Analysis, 2017, 12, .	1.6	12
988	Bayesian compressive sensing using wavelet based Markov random fields. Signal Processing: Image Communication, 2017, 58, 65-72.	1.8	10
989	Sparsity-assisted signal smoothing (revisited). , 2017, , .		17
990	Model-Based Nonuniform Compressive Sampling and Recovery of Natural Images Utilizing a Wavelet-Domain Universal Hidden Markov Model. IEEE Transactions on Signal Processing, 2017, 65, 95-104.	3.2	21
991	Translation invariant multi-scale signal denoising based on goodness-of-fit tests. Signal Processing, 2017, 131, 220-234.	2.1	18
992	Digital watermark extraction in wavelet domain using hidden Markov model. Multimedia Tools and Applications, 2017, 76, 3731-3749.	2.6	26
993	Polynomial Fourier domain as a domain of signal sparsity. Signal Processing, 2017, 130, 243-253.	2.1	28
994	Multichannel color image watermark detection utilizing vector-based hidden Markov model. , 2017, , .		14
995	Beyond Deep Residual Learning for Image Restoration: Persistent Homology-Guided Manifold Simplification. , 2017, , .		114
996	Biosignals learning and synthesis using deep neural networks. BioMedical Engineering OnLine, 2017, 16, 115.	1.3	30
997	Frequentist and Bayesian inference for Gaussian-log-Gaussian wavelet trees and statistical signal processing applications. Stat, 2017, 6, 248-256.	0.3	0
998	Field of experts: Optimal structured Bayesian compressed sensing. , 2017, , .		2
999	The research on signal processing of capacitance-based perimeter alarm system based on wavelet algorithm. , 2017, , .		0
1000	Low-pass filtering in CSD space and sparsity based denoising. , 2017, , .		0
1001	Superresolution and EM based ML Kalman estimation of the stochastic microtubule signal modeled as three states random evolution. , 2017, , .		3
1002	Hidden tree Markov networks: Deep and wide learning for structured data. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
1003	Remote Sensing Image Change Detection Based on NSCT-HMT Model and Its Application. <i>Sensors</i> , 2017, 17, 1295.	2.1	14
1004	Weighted ℓ_1 -minimization for sparse recovery under arbitrary prior information. <i>Information and Inference</i> , 0, , iaw023.	0.9	12
1005	Time Sequential Phase Partition and Modeling Method for Fault Detection of Batch Processes. <i>IEEE Access</i> , 2018, 6, 1249-1260.	2.6	3
1006	Global motion based video super-resolution reconstruction using discrete wavelet transform. <i>Multimedia Tools and Applications</i> , 2018, 77, 27641-27660.	2.6	11
1007	Random Walks for Synthetic Aperture Radar Image Fusion in Framelet Domain. <i>IEEE Transactions on Image Processing</i> , 2018, 27, 851-865.	6.0	17
1008	Statistical process control procedures for functional data with systematic local variations. <i>IIEE Transactions</i> , 2018, 50, 448-462.	1.6	3
1009	Oriented Triplet Markov Fields. <i>Pattern Recognition Letters</i> , 2018, 103, 16-22.	2.6	6
1010	A hidden Markov tree model for testing multiple hypotheses corresponding to Gene Ontology gene sets. <i>BMC Bioinformatics</i> , 2018, 19, 107.	1.2	2
1011	An improved time-frequency noise reduction method using a psycho-acoustic Mel model. , 2018, 79, 199-212.		7
1012	Wavelet Tree Support Detection for Compressed Sensing MRI Reconstruction. <i>IEEE Signal Processing Letters</i> , 2018, 25, 730-734.	2.1	18
1013	Sparse tensor neighbor embedding based pan-sharpening via N-way block pursuit. <i>Knowledge-Based Systems</i> , 2018, 149, 18-33.	4.0	10
1014	A Robust Multibit Multiplicative Watermark Decoder Using a Vector-Based Hidden Markov Model in Wavelet Domain. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018, 28, 402-413.	5.6	58
1015	Super Resolution by Comprehensively Exploiting Dependencies of Wavelet Coefficients. <i>IEEE Transactions on Multimedia</i> , 2018, 20, 298-309.	5.2	7
1016	Estimation of reactivity and delayed neutron precursors TM concentrations using a multiscale extended Kalman filter. <i>Annals of Nuclear Energy</i> , 2018, 111, 666-675.	0.9	9
1017	Fractal-Based Wavelet Filter for Separating Geophysical or Geochemical Anomalies from Background. <i>Mathematical Geosciences</i> , 2018, 50, 249-272.	1.4	33
1018	Efficient Functional ANOVA Through Wavelet-Domain Markov Groves. <i>Journal of the American Statistical Association</i> , 2018, 113, 802-818.	1.8	6
1019	Image Restoration. <i>Signals and Communication Technology</i> , 2018, , 133-198.	0.4	2
1020	Fusing synergistic information from multi-sensor images: An overview from implementation to performance assessment. <i>Information Fusion</i> , 2018, 42, 127-145.	11.7	35

#	ARTICLE	IF	CITATIONS
1021	MRI and PET image fusion using structure tensor and dual ripplet-II transform. Multimedia Tools and Applications, 2018, 77, 22649-22670.	2.6	29
1022	Meteorological correction model of IBIS-L System in the Slope Deformation Monitoring. Intelligent Automation and Soft Computing, 2018, 24, 47-54.	1.6	1
1023	Wavelet Based Compressed Sensing Sampling and Estimation of N-States Random Evolution Model Parameters in Microtubule Signal. , 2018, , .		3
1024	Learning Dictionary-Based Unions of Subspaces for Image Denoising. , 2018, , .		0
1025	HEART DISEASES DETECTION FROM NOISY RECORDINGS OF SMARTPHONE DEVICES. Journal of Mechanics in Medicine and Biology, 2018, 18, 1850039.	0.3	1
1026	Hierarchical Traffic Matrices: Axiomatic Foundations to Practical Traffic Matrix Synthesis. , 2018, , .		0
1027	Electrocardiogram signal denoising by clustering and soft thresholding. IET Signal Processing, 2018, 12, 1165-1171.	0.9	19
1028	Virtualized Control Over Fog: Interplay Between Reliability and Latency. IEEE Internet of Things Journal, 2018, 5, 5030-5045.	5.5	20
1029	Novel EM based ML Kalman estimation framework for superresolution of stochastic three-states microtubule signal. BMC Systems Biology, 2018, 12, 112.	3.0	5
1030	Dual tree complex wavelet transform-based signal denoising method exploiting neighbourhood dependencies and goodness-of-fit test. Royal Society Open Science, 2018, 5, 180436.	1.1	7
1031	Optical Versus Electronic Implementation of Probabilistic Graphical Inference and Experimental Device Demonstration Using Nonlinear Photonics. IEEE Photonics Journal, 2018, 10, 1-12.	1.0	3
1032	The NSCT-HMT Model of Remote Sensing Image Based on Gaussian-Cauchy Mixture Distribution. IEEE Access, 2018, 6, 66007-66019.	2.6	6
1033	From MRFS to CNNs: A novel image restoration method. , 2018, , .		1
1034	HOAH: A Hybrid TCP Throughput Prediction with Autoregressive Model and Hidden Markov Model for Mobile Networks. IEICE Transactions on Communications, 2018, E101.B, 1612-1624.	0.4	12
1035	Analysis of Distributional Variation Through Graphical Multi-Scale Beta-Binomial Models. Journal of Computational and Graphical Statistics, 2018, 27, 529-541.	0.9	4
1036	Detection of Epileptic EEG Signal Using Improved Local Pattern Transformation Methods. Circuits, Systems, and Signal Processing, 2018, 37, 5554-5575.	1.2	19
1037	A Channel-Dependent Statistical Watermark Detector for Color Images. IEEE Transactions on Multimedia, 2019, 21, 65-73.	5.2	41
1038	Diagnosis of design and defects in radiography of ceramic antique objects using the wavelet-domain hidden Markov models. Journal of Cultural Heritage, 2019, 35, 56-63.	1.5	6

#	ARTICLE	IF	CITATIONS
1039	Random Walks for Pansharpener in Complex Tight Framelet Domain. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5121-5134.	2.7	6
1040	Design of efficient fractional operator for <scp>ECG</scp> signal detection in implantable cardiac pacemaker systems. International Journal of Circuit Theory and Applications, 2019, 47, 1459-1476.	1.3	27
1041	Geographical Hidden Markov Tree. IEEE Transactions on Knowledge and Data Engineering, 2019, , 1-1.	4.0	6
1042	Subjective and Objective Quality Assessment of Stitched Images for Virtual Reality. IEEE Transactions on Image Processing, 2019, 28, 5620-5635.	6.0	44
1043	Geometrical X-lets for Image Denoising. , 2019, 2019, 2691-2694.		3
1044	Towards Advanced Diagnosis Recognition for Eccentricities Faults: Application on Induction Motor. , 2019, , .		2
1045	Wavelet Tree Parsing with Freeform Lensing. , 2019, , .		2
1046	Hyperspectral image denoising with bilinear low rank matrix factorization. Signal Processing, 2019, 163, 132-152.	2.1	31
1047	Bayesian mixtures of Hidden Tree Markov Models for structured data clustering. Neurocomputing, 2019, 342, 49-59.	3.5	6
1048	Bayesian Tensor Factorisation for Bottom-up Hidden Tree Markov Models. , 2019, , .		1
1049	Dynamic Diagnosis Approach of Multi-state Degradation System Using Hidden Markov Model. , 2019, , .		1
1050	Bayesian wavelet de-noising with the caravan prior. ESAIM - Probability and Statistics, 2019, 23, 947-978.	0.2	3
1051	Super-resolution reconstruction algorithms based on fusion of deep learning mechanism and wavelet. , 2019, , .		10
1052	Efficiently Predicting Frequent Patterns over Uncertain Data Streams. Procedia Computer Science, 2019, 160, 15-22.	1.2	0
1053	Research on the Early-warning Model of Foaming Phenomenon in Desulfurization Solution System of Natural Gas Purification Plant Based on Artificial Intelligence Technology. , 2019, , .		0
1054	A comprehensive survey on impulse and Gaussian denoising filters for digital images. Signal Processing, 2019, 157, 236-260.	2.1	99
1055	Clustering of samples with a tree-shaped dependence structure, with an application to microscopic time lapse imaging. Bioinformatics, 2019, 35, 2291-2299.	1.8	12
1056	An Adaptive Markov Random Field for Structured Compressive Sensing. IEEE Transactions on Image Processing, 2019, 28, 1556-1570.	6.0	7

#	ARTICLE	IF	CITATIONS
1057	Variational Bayesian image restoration with multi-structured model of wavelet transform coefficients. <i>Signal Processing: Image Communication</i> , 2019, 72, 1-8.	1.8	2
1058	Effective payload and improved security using HMT Contourlet transform in medical image steganography. <i>Health and Technology</i> , 2020, 10, 217-229.	2.1	16
1059	Bayesian Graphical Compositional Regression for Microbiome Data. <i>Journal of the American Statistical Association</i> , 2020, 115, 610-624.	1.8	11
1060	Dual-Tree Complex Wavelet Coefficient Magnitude Modeling Using Scale Mixtures of Rayleigh Distribution for Image Denoising. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 2968-2993.	1.2	8
1061	Ring artifacts in wavelet based image fusion: Analysis, measurement and remedies. <i>Information Fusion</i> , 2020, 56, 39-69.	11.7	12
1062	An image NSCT-HMT model based on copula entropy multivariate Gaussian scale mixtures. <i>Knowledge-Based Systems</i> , 2020, 193, 105387.	4.0	4
1063	A Bayesian Hierarchical Model for Related Densities by using P ³ lya Trees. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2020, 82, 127-153.	1.1	6
1064	Detection of Adjacent and Non-Adjacent Bar Breakages in Induction Motors Based on Power Spectral Subtraction and Second Order Statistics of Sound Signals. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6641.	1.3	4
1065	Optimized Wavelet-Based Satellite Image De-Noiseing With Multi-Population Differential Evolution-Assisted Harris Hawks Optimization Algorithm. <i>IEEE Access</i> , 2020, 8, 133076-133085.	2.6	41
1066	Image Denoising Based on Bivariate Distribution. <i>Symmetry</i> , 2020, 12, 1909.	1.1	1
1067	Multivariate Hidden Markov Models for disease progression. <i>Statistical Analysis and Data Mining</i> , 2020, 13, 499-507.	1.4	8
1068	Contourlet domain locally optimum image watermark decoder using Cauchy mixtures based vector HMT model. <i>Signal Processing: Image Communication</i> , 2020, 88, 115972.	1.8	7
1069	CARP: Compression Through Adaptive Recursive Partitioning for Multi-Dimensional Images. , 2020, , .		2
1070	A passive approach for the detection of splicing forgery in digital images. <i>Multimedia Tools and Applications</i> , 2020, 79, 32037-32063.	2.6	9
1071	Statistical Modeling with a Hidden Markov Tree and High-resolution Interpolation for Spaceborne Radar Reflectivity in the Wavelet Domain. <i>Advances in Atmospheric Sciences</i> , 2020, 37, 1359-1374.	1.9	2
1072	A new watermark decoder in DNST domain using singular values and gaussian-cauchy mixture-based vector HMT. <i>Information Sciences</i> , 2020, 535, 81-106.	4.0	12
1073	Sparse Domain Gaussianization for Multi-Variate Statistical Modeling of Retinal OCT Images. <i>IEEE Transactions on Image Processing</i> , 2020, 29, 6873-6884.	6.0	10
1074	New approach of ECG denoising based on 1-D double-density complex DWT and SBWT. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2020, 8, 608-620.	1.3	5

#	ARTICLE	IF	CITATIONS
1075	A Hyperspectral Image NSST-HMF Model and Its Application in HS-Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4803-4817.	2.7	8
1076	Parallel Gibbs Sampler for Wavelet-Based Bayesian Compressive Sensing with High Reconstruction Accuracy. Journal of Signal Processing Systems, 2020, 92, 1101-1114.	1.4	0
1077	Blind Image Watermark Decoder in UDTCWT Domain Using Weibull Mixtures-Based Vector HMT. IEEE Access, 2020, 8, 46624-46641.	2.6	16
1078	Calibrationless joint compressed sensing reconstruction for rapid parallel MRI. Biomedical Signal Processing and Control, 2020, 58, 101871.	3.5	11
1079	Robust Recovery of Structured Sparse Signals With Uncertain Sensing Matrix: A Turbo-VBI Approach. IEEE Transactions on Wireless Communications, 2020, 19, 3185-3198.	6.1	11
1080	Accuracy improvement of phase estimation in electron holography using noise reduction methods. Microscopy (Oxford, England), 2020, 69, 123-131.	0.7	13
1081	Bayesian spatial and spatiotemporal models based on multiscale factorizations. Wiley Interdisciplinary Reviews: Computational Statistics, 2021, 13, e1509.	2.1	2
1082	Heterogeneous investment horizons, risk regimes, and realized jumps. International Journal of Finance and Economics, 2021, 26, 617-643.	1.9	4
1083	Automatic speech recognition: a survey. Multimedia Tools and Applications, 2021, 80, 9411-9457.	2.6	115
1084	Aesthetical criterion in art and science. Neural Computing and Applications, 2021, 33, 2137-2156.	3.2	8
1085	Semantic segmentation of ECG waves using hybrid channel-mix convolutional and bidirectional LSTM. Biomedical Signal Processing and Control, 2021, 63, 102162.	3.5	40
1086	An HDP-HMM based approach for tool wear estimation and tool life prediction. Quality Engineering, 2021, 33, 208-220.	0.7	13
1087	Image-based smoke detection using feature mapping and discrimination. Soft Computing, 2021, 25, 3665-3674.	2.1	7
1088	An Efficient and Flexible Spike Train Model Via Empirical Bayes. IEEE Transactions on Signal Processing, 2021, 69, 3236-3251.	3.2	0
1089	Two-Dimensional Wavelet based Medical Videos using Hidden Markov Tree Model. KIET Journal of Computing and Information Sciences, 2021, 4, 13.	0.3	0
1090	Face feature extraction for emotion recognition using statistical parameters from subband selective multilevel stationary biorthogonal wavelet transform. Soft Computing, 2021, 25, 5483-5501.	2.1	5
1091	Asymptotic analysis of model selection criteria for general hidden Markov models. Stochastic Processes and Their Applications, 2021, 132, 164-191.	0.4	2
1092	Adaptive sensor fusion labeling framework for hand pose recognition in robot teleoperation. Assembly Automation, 2021, 41, 393-400.	1.0	6

#	ARTICLE	IF	CITATIONS
1093	Denoising electron holograms using the wavelet hidden Markov model for phase retrieval. Applications to the phase-shifting method. AIP Advances, 2021, 11, .	0.6	8
1094	Wavelet Screening identifies regions highly enriched for differentially methylated loci for orofacial clefts. NAR Genomics and Bioinformatics, 2021, 3, lqab035.	1.5	0
1095	Neural network enhanced 3D turbo spin echo for MR intracranial vessel wall imaging. Magnetic Resonance Imaging, 2021, 78, 7-17.	1.0	5
1096	Hybrid Shearlet and SURE-LET for Image Denoising. , 2021, , .		0
1097	Statistical image watermark decoder based on local frequency-domain Exponent-Fourier moments modeling. Multimedia Tools and Applications, 2021, 80, 27717-27755.	2.6	7
1098	Stochastic Analysis of the Time Continuum. Mathematics, 2021, 9, 1452.	1.1	3
1100	Mirrored mixture PDF models for scientific image modelling. Signal, Image and Video Processing, 0, , 1.	1.7	0
1101	From Insect Vision to a Novel Bio-Inspired Algorithm for Image Denoising. , 0, , .		0
1102	Volatility cascades in cryptocurrency trading. Journal of Empirical Finance, 2021, 62, 252-265.	0.9	11
1103	Sparsity-Assisted Signal Denoising and Pattern Recognition in Time-Series Data. Circuits, Systems, and Signal Processing, 2022, 41, 249-298.	1.2	4
1104	Comparison of traditional and adaptive multi-scale products thresholding for enhancing the radiographs of welded object. European Physical Journal Plus, 2021, 136, 1.	1.2	2
1106	GA-based multi-objective optimization technique for medical image denoising in wavelet domain. Journal of Intelligent and Fuzzy Systems, 2021, 41, 1575-1588.	0.8	6
1107	Deep Learning for Compressive Imaging. , 2021, , 458-469.		0
1108	The LASSO and its Cousins. , 2021, , 129-141.		1
1109	Wavelets. , 2021, , 188-221.		0
1110	Global and local constrained parallel MRI reconstruction by exploiting dual sparsity and self-consistency. Biomedical Signal Processing and Control, 2021, 70, 102922.	3.5	1
1111	Analysis of Optimization Algorithms. , 2021, , 166-187.		0
1112	A Short Guide to Compressive Imaging. , 2021, , 47-74.		0

#	ARTICLE	IF	CITATIONS
1114	Stable and Accurate Neural Networks for Compressive Imaging. , 2021, , 501-520.		0
1116	Neural Networks and Deep Learning. , 2021, , 431-457.		1
1124	Techniques for Enhancing Performance. , 2021, , 75-100.		0
1125	A Taste of Wavelet Approximation Theory. , 2021, , 222-236.		0
1128	Sampling Strategies for Compressive Imaging. , 2021, , 353-372.		0
1129	Infinite-Dimensional Compressed Sensing. , 2021, , 334-348.		0
1131	Images, Transforms and Sampling. , 2021, , 30-46.		0
1133	Total Variation Minimization. , 2021, , 403-426.		0
1137	From Global to Local. , 2021, , 241-266.		0
1138	Recovery Guarantees for Wavelet-Based Compressive Imaging. , 2021, , 373-402.		0
1139	Local Structure and Nonuniform Recovery. , 2021, , 267-304.		0
1141	Optimization for Compressed Sensing. , 2021, , 142-165.		0
1144	Local Structure and Uniform Recovery. , 2021, , 305-333.		0
1145	Accuracy and Stability of Deep Learning for Compressive Imaging. , 2021, , 470-500.		0
1146	An Introduction to Conventional Compressed Sensing. , 2021, , 105-128.		0
1147	Applicability of Continuous, Stationary, and Discrete Wavelet Transforms in Engineering Signal Processing. Journal of Performance of Constructed Facilities, 2021, 35, .	1.0	9
1148	Learning Asymmetric and Local Features in Multi-Dimensional Data Through Wavelets With Recursive Partitioning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7674-7687.	9.7	4
1149	Shift-Invariant Image Denoising Using Mixture of Laplace Distributions in Wavelet-Domain. Lecture Notes in Computer Science, 2006, , 180-188.	1.0	3

#	ARTICLE	IF	CITATIONS
1150	Dynamic Trees: Learning to Model Outdoor Scenes. Lecture Notes in Computer Science, 2002, , 82-96.	1.0	2
1152	Wavelet Statistical Models and Besov Spaces. Lecture Notes in Statistics, 2003, , 9-29.	0.1	7
1153	Multiscale Hidden Markov Models for Bayesian Image Analysis. Lecture Notes in Statistics, 1999, , 243-265.	0.1	27
1154	Bayesian Approach to Wavelet Decomposition and Shrinkage. Lecture Notes in Statistics, 1999, , 33-50.	0.1	15
1155	Template Learning using Wavelet Domain Statistical Models. , 2010, , 179-192.		3
1156	The Quest for Optimal Sampling: Computationally Efficient, Structure-Exploiting Measurements for Compressed Sensing. Applied and Numerical Harmonic Analysis, 2015, , 143-167.	0.1	56
1157	Sparsity-Assisted Signal Smoothing. Applied and Numerical Harmonic Analysis, 2015, , 149-176.	0.1	10
1158	Feature Extraction Based on Wavelet Domain Hidden Markov Tree Model for Robust Speech Recognition. Lecture Notes in Computer Science, 2004, , 1154-1159.	1.0	2
1159	Texture-Based Multiscale Segmentation: Application to Stromal Compartment Characterization on Ovarian Carcinoma Virtual Slides. Lecture Notes in Computer Science, 2008, , 173-182.	1.0	7
1160	An EM Algorithm to Learn Sequences in the Wavelet Domain. Lecture Notes in Computer Science, 2007, , 518-528.	1.0	4
1161	Bottom-Up Generative Modeling of Tree-Structured Data. Lecture Notes in Computer Science, 2010, , 660-668.	1.0	3
1162	Discriminating Computer Graphics Images and Natural Images Using Hidden Markov Tree Model. Lecture Notes in Computer Science, 2011, , 23-28.	1.0	8
1164	A New Fuzzy-Based Additive Noise Removal Filter. Lecture Notes in Electrical Engineering, 2009, , 87-97.	0.3	4
1165	Modified Wavelet Domain Hidden Tree Model for Texture Segmentation. Lecture Notes in Electrical Engineering, 2016, , 627-634.	0.3	1
1168	ResDNN: deep residual learning for natural image denoising. IET Image Processing, 2020, 14, 2425-2434.	1.4	16
1169	Statistically and perceptually motivated nonlinear image representation. , 2007, , .		13
1171	Signal classification by wavelet-based hidden Markov models: application to seismic signals of volcanic origin. , 0, , 161-173.		10
1172	Geographical Hidden Markov Tree for Flood Extent Mapping. , 2018, , .		17

#	ARTICLE	IF	CITATIONS
1173	Research on Ground Penetrating Radar Image Denoising Using Nonsubsampled Contourlet Transform and Adaptive Threshold Algorithm. International Journal of Signal Processing, Image Processing and Pattern Recognition, 2016, 9, 219-228.	0.2	4
1176	Removal of Noise from EEG Signals Using Cascaded Filter - Wavelet Transforms Method. International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering, 2014, 03, 13713-13719.	0.0	3
1177	Wavelet Estimators in Nonparametric Regression: A Comparative Simulation Study. Journal of Statistical Software, 2001, 6, .	1.8	195
1178	Classification of Medical Image Modeling Methods: A Review. Current Medical Imaging, 2016, 12, 130-148.	0.4	15
1179	The Application of Wavelet-domain Hidden Markov Tree Model in Diabetic Retinal Image Denoising. Open Biomedical Engineering Journal, 2015, 9, 194-198.	0.7	3
1180	Improving English-Czech Tectogrammatical MT. Prague Bulletin of Mathematical Linguistics, 2009, 92, .	0.7	2
1181	IMAGE SEGMENTATION BASED ON WAVELET-DOMAIN HIDDEN MARKOV TREE MODEL. Hongwai Yu Haomibo Xuebao/Journal of Infrared and Millimeter Waves, 2009, 28, 156-160.	0.2	3
1182	SECOND GENERATION BANDELET-DOMAIN HIDDEN MARKOV TREE-3S MODEL FOR SAR IMAGE SEGMENTATION. Hongwai Yu Haomibo Xuebao/Journal of Infrared and Millimeter Waves, 2010, 29, 145-149.	0.2	2
1183	Steganography for 3D Model Based on Frame Transform and HMM Model in Wavelet Domain. Jisuanji Fuzhu Sheji Yu Tuxingxue Xuebao/Journal of Computer-Aided Design and Computer Graphics, 2010, 22, 1406-1411.	0.2	6
1184	Wavelet Markov Random Field Based on Context and Hidden Class Label for SAR Image Segmentation. Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology, 2011, 30, 211-215.	0.1	1
1185	Quaternion wavelet image denoising based on non-Gaussian distribution. Journal of Electronic Measurement and Instrument, 2013, 26, 338-343.	0.1	3
1186	Minimum Description Length Methods in Bayesian Model Selection: Some Applications. Open Journal of Statistics, 2013, 03, 103-117.	0.3	1
1187	Wavelet shrinkage techniques for images. International Journal of Computer Applications, 2010, 7, 7-11.	0.2	3
1189	Wavelets and partial differential equations for image denoising. Electronic Letters on Computer Vision and Image Analysis, 2007, 6, 36.	0.5	5
1190	Image Resolution Enhancement by Using Stationary and Discrete Wavelet Decomposition. International Journal of Image Graphics and Signal Processing, 2012, 4, 41-46.	0.8	4
1191	Wavelet methods for time series analysis. Choice Reviews, 2001, 38, 38-4508-38-4508.	0.4	491
1192	Speckle Noise Reduction in Ultrasound Images by Wavelet Thresholding based on Weighted Variance. International Journal of Computer Theory and Engineering, 2009, , 7-12.	3.2	120
1193	Comparative Study on Speckle Noise Suppression Techniques for Ultrasound Images. International Journal of Engineering and Technology, 2009, 1, 57-62.	0.1	16

#	ARTICLE	IF	CITATIONS
1194	Image Resolution Enhancement using Multi-wavelet Transforms with Interpolation Technique. IOSR Journal of Electrical and Electronics Engineering, 2014, 9, 09-13.	0.0	1
1195	Mixture-State Document Segmentation Using Wavelet-Domain Hidden Markov Tree Models. Lecture Notes in Computer Science, 2001, , 230-236.	1.0	0
1196	Statistical Image Modeling and Processing Using Wavelet-Domain Hidden Markov Models. , 2003, , 355-408.		0
1197	Statistical Image Modeling and Processing Using Wavelet-Domain Hidden Markov Models. Electrical Engineering and Applied Signal Processing Series, 2003, , 333-386.	1.2	0
1198	Unsupervised Multiscale Image Segmentation Using Wavelet Domain Hidden Markov Tree. Lecture Notes in Computer Science, 2004, , 797-804.	1.0	2
1199	Audio Visual Cues for Video Indexing and Retrieval. Lecture Notes in Computer Science, 2004, , 642-649.	1.0	2
1200	Textures and Wavelet-Domain Joint Statistics. Lecture Notes in Computer Science, 2004, , 331-338.	1.0	1
1201	A Novel Modeling and Recognition Method for Underwater Sound Based on HMT in Wavelet Domain. Lecture Notes in Computer Science, 2004, , 332-343.	1.0	1
1202	Wavelet Interpolation Algorithm for Synthetic Aperture Radiometer. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2005, 1, 510-514.	0.4	4
1204	Automatic Texture Segmentation Based on Wavelet-Domain Hidden Markov Tree. Lecture Notes in Computer Science, 2005, , 470-480.	1.0	1
1205	A Fully Unsupervised Image Segmentation Algorithm Based on Wavelet-Domain Hidden Markov Tree Models. Lecture Notes in Computer Science, 2005, , 507-514.	1.0	0
1206	Image Denoising Using Neighbor and Level Dependency. Lecture Notes in Computer Science, 2005, , 91-98.	1.0	0
1207	Feature Extraction with Combination of HMT-Based Denoising and Weighted Filter Bank Analysis for Robust Speech Recognition. IEICE Transactions on Information and Systems, 2005, E88-D, 435-438.	0.4	1
1208	A Statistical Signal Processing Approach to Image Fusion Using Hidden Markov Models. Signal Processing and Communications, 2005, , 265-287.	0.2	3
1210	Multi-scale MAP Estimation of High-Resolution Images. Lecture Notes in Computer Science, 2006, , 1059-1066.	1.0	0
1211	Compressed Domain Image Retrieval Using JPEG2000 and Gaussian Mixture Models. Lecture Notes in Computer Science, 2006, , 132-142.	1.0	5
1212	Application of Segmented 2D Probabilistic Occupancy Maps for Mobile Robot Sensing and Navigation. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	1
1213	Learning Hidden Markov Models with Hidden Markov Trees as Observation Distributions. Inteligencia Artificial, 2008, 12, .	0.5	1

#	ARTICLE	IF	CITATIONS
1214	Application of MultiScale Hidden Markov Modeling Wavelet Coefficients to fMRI Activation Detection. Journal of Mathematics and Statistics, 2008, 4, 255-263.	0.2	4
1215	Statistical Models Based ECG Classification. , 2009, , 71-93.		1
1216	Parallel Hidden Hierarchical Fields for Multi-scale Reconstruction. Lecture Notes in Computer Science, 2009, , 70-83.	1.0	1
1217	fMRI Activation Detection by MultiScale Hidden Markov Model. Lecture Notes in Computer Science, 2009, , 295-306.	1.0	1
1218	Hidden Markov tree model in dependency-based machine translation. , 2009, , .		6
1219	Visualization of Structured Data via Generative Probabilistic Modeling. Lecture Notes in Computer Science, 2009, , 118-137.	1.0	0
1220	Capturing Visual Image Properties with Probabilistic Models. , 2009, , 205-223.		4
1221	Statistical Dependency of Image Wavelet Coefficients: Full Bayesian Model for Neural Networks. Lecture Notes in Computer Science, 2009, , 104-109.	1.0	0
1222	Clonal Selection Remote Sensing Image Fusion Based on CP and Multiwavelet HMT Models. Jisuanji Xuebao/Chinese Journal of Computers, 2009, 32, 1434-1442.	0.3	0
1223	Multiresolution Fuzzy C-Means Clustering Using Markov Random Field for Image Segmentation. International Journal of Information Technology and Computer Science, 2009, 1, 49-57.	0.8	2
1224	Multiscale Information Fusion by Graph Cut through Convex Optimization. Lecture Notes in Computer Science, 2010, , 377-386.	1.0	0
1225	Wavelet Packet and Generalized Gaussian Density Based Textile Pattern Classification Using BP Neural Network. Lecture Notes in Computer Science, 2010, , 540-547.	1.0	1
1226	7. Multiple-Scale-Porosity Wavelet Simulation Using GPR Tomography and Hydrogeophysical Analogs. , 2010, , 117-130.		0
1227	LMMSE-Based Image Denoising in Nonsampled Contourlet Transform Domain. Lecture Notes in Computer Science, 2010, , 36-43.	1.0	2
1228	Undecimated Wavelet Transform-Based Image Interpolation. Lecture Notes in Computer Science, 2010, , 474-483.	1.0	0
1229	Interscale Stein's Unbiased Risk Estimate and Intrascale Feature Patches Distance Constraint for Image Denoising. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 1434-1441.	0.2	0
1230	Minimum Classification Error Training of Hidden Markov Models for Sequential Data in the Wavelet Domain. Inteligencia Artificial, 2009, 13, .	0.5	0
1231	Hysteresis Thresholding: A Graph-Based Wavelet Block Denoising Algorithm. The Open Signal Processing Journal, 2010, 3, 6-12.	3.0	2

#	ARTICLE	IF	CITATIONS
1232	Contourlet-based super resolution restoration for remote sensing images. Journal of Computer Applications, 2010, 30, 939-942.	0.1	0
1233	Compressive sampling signal reconstruction in wavelet-domain. Journal of Electronic Measurement and Instrument, 2010, 24, 314-318.	0.1	1
1234	A Novel Image Denoising using Matched Partial Biorthogonal Wavelets and Adaptive Thresholding. International Journal of Computer Applications, 2010, 12, 41-45.	0.2	0
1235	Using Hidden Markov Models for ECG Characterisation. , 0, , .		0
1236	Wavelet-Based Speckle Filtering Combining HMT and HMRF for SAR Images. Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology, 2011, 30, 2822-2826.	0.1	0
1237	Multiscale Segmentation Techniques for Textile Images. , 0, , .		1
1238	Denoising Using Laplacian Mixture Model with Local Parameters in Shearlet Domain. Lecture Notes in Electrical Engineering, 2012, , 289-296.	0.3	0
1239	Minimum Mean Square Error Estimator for Shearlet Coefficients Reconstruction. Lecture Notes in Electrical Engineering, 2012, , 737-744.	0.3	0
1240	Alumina Ceramic Surface Defect Detection: Combining Canny Edge Detector and Contourlet Transformation. International Journal of Advancements in Computing Technology, 2012, 4, 131-140.	0.1	0
1242	Enhancement Of Satellite Image Resolution With Moving Objects. IOSR Journal of Electronics and Communication Engineering, 2013, 4, 22-27.	0.1	0
1243	APPLICATION OF HIDDEN MARKOV MODELS TO PROBLEMS OF CLASSIFICATION OF RADIO WAVES USING CONTRAST MODELS. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz) Tj ETQq0 0 0 BT / Overlock 10 T		0
1244	The Entropy Rate Estimation for Scalable Wavelet Video Coders using Hidden Markov Process. Information Technology Journal, 2013, 12, 345-350.	0.3	0
1245	DWT and P C a Based Image Enhancement with local Neighborhood filter Mask. IOSR Journal of Computer Engineering, 2013, 9, 67-70.	0.1	3
1246	Density Estimation and Wavelet Thresholding via Bayesian Methods: A Wavelet Probability Band and Related Metrics Approach to Assess Agitation and Sedation in ICU Patients. , 0, , .		4
1247	Multiscale Image Segmentation via Exact Inference of Hidden Markov Tree. Advances in Intelligent Systems and Computing, 2014, , 401-412.	0.5	0
1248	Audio-Visual Fusion for Film Database Retrieval and Classification. , 2014, , 279-303.		0
1249	Multiresolution Transforms Based Robust Image Enhancement. IOSR Journal of Electronics and Communication Engineering, 2014, 9, 16-21.	0.1	0
1250	Image De-noising Based on Mixed-domain Algorithm. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
1251	Model-Based Compressive Channel Estimation over Rapidly Time-Varying Channels in OFDM Systems. IEICE Transactions on Communications, 2014, E97.B, 1709-1716.	0.4	3
1252	Multiscale texture segmentation of dipô€cube slices using waveletô€domain hidden Markov trees. , 1999, , .		0
1253	DETECTION OF SKIN DIASEASE USING CURVLETS. International Journal of Research in Engineering and Technology, 2014, 03, 344-348.	0.1	1
1254	An Efficient Cum Improved Resolution Enhancement Using Zero Padding and Curvelet Transforms. SSRG International Journal of Engineering Trends and Technology, 2014, 15, 16-20.	0.3	1
1255	Fusion technique for SAR and Gray Visible Image based on Hidden Markov Model in Non-subsample Shearlet Transform Domain. , 0, , .		0
1256	Automated Iris Recognition System: An Overview. International Journal of Computer Applications, 2015, 115, 50-54.	0.2	1
1257	Evaluation of Noise Exclusion of Medical Images Using Hybridization of Particle Swarm Optimization and Bivariate Shrinkage Methods. International Journal of Electrical and Computer Engineering, 2015, 5, 421.	0.5	3
1258	Cascading De-noising Algorithm for Improving GPS Positional Accuracy. Advances in Intelligent Systems and Computing, 2016, , 691-701.	0.5	0
1259	Denoising in Wavelet Domain Using Probabilistic Graphical Models. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	2
1260	A Novel Texture Extraction Method for the Sedimentary Structuresô€™ Classification of Petroleum Imaging Logging. Communications in Computer and Information Science, 2016, , 161-172.	0.4	0
1261	Study of Single Scale Spatial Adaptive Filters, Diffusion Filters and Multi Scale Filters for Speckle Noise Suppression. International Journal of Computer Applications, 2016, 135, 16-21.	0.2	0
1262	Denoising of Digital Images using Consolidation of Edges and Separable Wavelet Transform. International Journal of Computer Applications, 2017, 168, 24-32.	0.2	0
1263	A Wavelet Approach to Tail Risk. SSRN Electronic Journal, 0, , .	0.4	0
1264	Development of Human Speech Signal-Based Intelligent Human-Computer Interface for Driving a Wheelchair in Enhancing the Quality-of-Life of the Persons. Advances in Healthcare Information Systems and Administration Book Series, 2019, , 21-60.	0.2	2
1265	Wavelet Based Video Denoising using Probabilistic Models. Mehran University Research Journal of Engineering and Technology, 2019, 38, 17-30.	0.3	0
1266	Texture Image Segmentation Based on Stationary Directionlet Domain Probabilistic Graphical Model. Lecture Notes in Computer Science, 2019, , 398-405.	1.0	0
1268	Image denoising in undecimated dual-tree complex wavelet domain using multivariate t-distribution. Multimedia Tools and Applications, 2020, 79, 22447-22471.	2.6	6
1269	High Performance Image Compression Based on Optimized EZW Using Hidden Markov Chain and Gaussian Mixture Model. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
1270	Statistical image watermark decoder using high-order difference coefficients and bounded generalized Gaussian mixtures-based HMT. Signal Processing, 2022, 192, 108371.	2.1	6
1271	Ultra-DenseNet for Low-Dose X-Ray Image Denoising in Cardiac Catheter-Based Procedures. Lecture Notes in Computer Science, 2020, , 31-42.	1.0	0
1272	Semi-Supervised Induction of POS-Tag Lexicons with Tree Models. , 2019, , .		0
1273	Decentralized Expectation Maximization Algorithm. Lecture Notes in Computer Science, 2020, , 512-527.	1.0	0
1274	SAR Images Despeckling via Bayesian Fuzzy Shrinkage Based on Stationary Wavelet Transform. , 2006, , 407-417.		2
1275	A Wavelet-Domain Hidden Markov Tree Model with Localized Parameters for Image Denoising. , 2006, , 561-574.		0
1276	Wavelet-Based CR Image Denoising by Exploiting Inner-Scale Dependency. , 2007, , 978-985.		0
1277	Noise Removal from Images by Projecting onto Bases of Principal Components. , 2007, , 190-199.		3
1278	Image Denoising Using Three Scales of Wavelet Coefficients. Lecture Notes in Computer Science, 2008, , 376-383.	1.0	2
1279	Image Denoising Using Neighbouring Contourlet Coefficients. Lecture Notes in Computer Science, 2008, , 384-391.	1.0	3
1280	Methods for analyzing certain signals and images in astronomy using Haar wavelets. , 0, , .		1
1281	Towards random field modeling of wavelet statistics. , 0, , .		5
1282	Robust Decoding of Costas DFC Waveforms With Hidden Markov Model. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 2394-2408.	2.6	0
1284	Locally optimum image watermark detector based on statistical modeling of SWT-EFMs magnitudes. Journal of Information Security and Applications, 2022, 65, 103105.	1.8	0
1285	Research on Image Denoising Algorithm Based on Improved Wavelet Threshold and Non-local Mean Filtering. , 2021, , .		5
1286	2D Wavelet Tree Ordering Based Localized Total Variation Model for Efficient Image Restoration. International Journal of Image and Graphics, 0, , .	1.2	0
1287	Image interpolation based on 2D-DWT and HDP-HMM. Pattern Analysis and Applications, 0, , 1.	3.1	2
1288	BGGMM-HMT based locally optimum image watermark detector in high-order NSST difference domain. Journal of Visual Communication and Image Representation, 2022, 83, 103450.	1.7	3

#	ARTICLE	IF	CITATIONS
1290	Statistical image watermark decoder by modeling local RDWT difference domain singular values with bivariate weighted Weibull distribution. Applied Intelligence, 2023, 53, 96-120.	3.3	2
1294	Sequential MCMC Methods for Audio Signal Enhancement. , 2022, , .		1
1296	Network Traffic Content Identification Based on Time-Scale Signal Modeling. IEEE Transactions on Dependable and Secure Computing, 2022, , 1-19.	3.7	1
1297	Image Interpolation Based on 2D-DWT with Novel Regularity-Preserving Algorithm Using RLS Adaptive Filters. International Journal of Image and Graphics, 0, , .	1.2	3
1298	Modern Image Quality Assessment. Synthesis Lectures on Image, Video, and Multimedia Processing, 2006, , .	0.9	396
1299	CCSAE-Based Un-Cooperative Communication Behavior Recognition Scheme. , 2022, , .		0
1300	Image Understanding Using Sparse Representations. Synthesis Lectures on Image, Video, and Multimedia Processing, 2014, , .	0.9	12
1301	Statistical image watermark decoder using NSM-HMT in NSCT-FGPCET magnitude domain. Journal of Information Security and Applications, 2022, 69, 103312.	1.8	1
1302	EVALUATE THE QUALITY OF PROCESSED IMAGES IN TERMS OF NOISE REDUCTION AND CONTOUR PRESERVATION. , 2020, 12, 22-32.		0
1303	GENERALIZED IDENTIFIER OF THE PRESENCE OF DISTORTIONS OF QUALITY OF ELECTRICITY. Technical Electrodynamics, 2022, 2022, 72-76.	0.3	0
1305	A lineage tree-based hidden Markov model quantifies cellular heterogeneity and plasticity. Communications Biology, 2022, 5, .	2.0	2
1306	An Intensional Probability Theory: Investigating the Link between Classical and Quantum Probabilities. Mathematics, 2022, 10, 4294.	1.1	2
1307	Towards Parametric Speech Synthesis Using Gaussian-Markov Model of Spectral Envelope and Wavelet-Based Decomposition of F0. , 2022, , .		0
1308	Multimodal medical volumetric image fusion using 3-D Shearlet transform and T-S fuzzy reasoning. Multimedia Tools and Applications, 0, , .	2.6	1
1309	SpeechFormer++: A Hierarchical Efficient Framework for Paralinguistic Speech Processing. IEEE/ACM Transactions on Audio Speech and Language Processing, 2023, 31, 775-788.	4.0	7
1311	A Denoising Technique Based on SBWT and WATV: Application for ECG Denoising. Synthesis Lectures on Biomedical Engineering, 2023, , 19-38.	0.1	0
1312	Reconstructing Internal Tides Field Based on Sampling by Autonomous Underwater Vehicles. IEEE Journal of Oceanic Engineering, 2023, 48, 607-625.	2.1	0
1313	Review of Different Methods for Identification of Transients in Pressure Measurements by Permanent Downhole Gauges Installed in Wells. Energies, 2023, 16, 1689.	1.6	0

#	ARTICLE	IF	CITATIONS
1314	Infrared and visible image fusion based on Multi-State contextual hidden Markov Model. Pattern Recognition, 2023, 138, 109431.	5.1	7
1315	Smoothing filter design: A general framework. Biomedical Signal Processing and Control, 2023, 85, 104952.	3.5	0
1316	Image watermarking using DNST-PHFs magnitude domain vector AGGM-HMT. Journal of Visual Communication and Image Representation, 2023, 91, 103779.	1.7	4
1317	Identifiability of Hidden Markov Models for Learning Trajectories in Cognitive Diagnosis. Psychometrika, 0, , .	1.2	2
1318	Low-dose measurement of electric potential distribution in organic light-emitting diode by phase-shifting electron holography with 3D tensor decomposition. Microscopy (Oxford, England), 0, , .	0.7	1
1319	Research on Transient Power Quality Disturbance Classification Based on Wavelet Hidden Markov Tree and Support Vector Machine. , 2022, , .		0
1320	Performance Analysis of Panoramic Dental X-Ray Images Using Discrete Wavelet Transform and Unbiased Risk Estimation. Lecture Notes in Electrical Engineering, 2023, , 251-259.	0.3	0
1332	Wavelet Transform-based Fault Detection and ELM-based Fault Classification for Transmission Lines. , 2023, , .		0