Irma Chacón

List of Publications by Year
in descending order

226 papers	5,653 citations	30 h-index (159585)

228 all docs	228 docs citations	228 times ranked	4130 citing authors

62 g-index (118850)

#	Article	IF	Citations
1	Robust STAP Detection Based on Volume Cross-Correlation Function in Heterogeneous Environments. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
2	Rhythm-Aware Sequence-to-Sequence Learning for Labanotation Generation With Gesture-Sensitive Graph Convolutional Encoding. IEEE Transactions on Multimedia, 2022, 24, 1488-1502.	7.2	4
3	Gaussian-Wiener Representation and Hierarchical Coding Scheme for Focal Stack Images. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 523-537.	8.3	7
4	A Novel Smooth Variable Structure Filter for Target Tracking Under Model Uncertainty. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5823-5839.	8.0	6
5	Source Localization Based on Hybrid Coarray for 1-D Mirrored Interferometric Aperture Synthesis. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	7
6	Environmental Sound Classification via Time–Frequency Attention and Framewise Self-Attention-Based Deep Neural Networks. IEEE Internet of Things Journal, 2022, 9, 3416-3428.	8.7	11
7	Sequential Gesture Learning for Continuous Labanotation Generation Based on the Fusion of Graph Neural Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3722-3734.	8.3	8
8	A Semisupervised Siamese Network for Efficient Change Detection in Heterogeneous Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.	6.3	16
9	1-Bit Radar Imaging Based on Adversarial Samples. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
10	Proposal-Copula-Based Fusion of Spaceborne and Airborne SAR Images for Ship Target Detectionâ€ŽâŽ. Information Fusion, 2022, 77, 247-260.	19.1	13
11	Wideband Multitarget Tracking Based on Dynamic Bayesian Network Learning in an Acoustic Sensor Array Network. IEEE Internet of Things Journal, 2022, 9, 4769-4787.	8.7	5
12	Learning an epipolar shift compensation for light field image super-resolution. Information Fusion, 2022, 79, 188-199.	19.1	12
13	Multitarget Tracking Based on Dynamic Bayesian Network With Reparameterized Approximate Variational Inference. IEEE Internet of Things Journal, 2022, 9, 11542-11559.	8.7	0
14	Recurrent Network Knowledge Distillation for Image Rain Removal. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 1642-1653.	3.8	3
15	Dilated projection correction network based on autoencoder for hyperspectral image super-resolution. Neural Networks, 2022, 146, 107-119.	5.9	15
16	A Hybrid SVSF Algorithm for Automotive Radar Tracking. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15028-15042.	8.0	3
17	Closed-Form Two-Way TOA Localization and Synchronization for User Devices With Motion and Clock Drift. IEEE Signal Processing Letters, 2022, 29, 100-104.	3.6	11
18	Sequential Doppler-Shift-Based Optimal Localization and Synchronization With TOA. IEEE Internet of Things Journal, 2022, 9, 16234-16246.	8.7	4

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19	Graph-Based Denoising for Respiration and Heart Rate Estimation During Sleep in Thermal Video. IEEE Internet of Things Journal, 2022, 9, 15697-15713.	8.7	9
20	DOA Estimation for Heterogeneous Wideband Sources Based on Adaptive Space-Frequency Joint Processing. IEEE Transactions on Signal Processing, 2022, 70, 1657-1672.	5.3	7
21	New Closed-Form Joint Localization and Synchronization Using Sequential One-Way TOAs. IEEE Transactions on Signal Processing, 2022, 70, 2078-2092.	5.3	3
22	Multiple-Target Localization by Millimeter-Wave Radars With Trapezoid Virtual Antenna Arrays. IEEE Internet of Things Journal, 2022, 9, 19589-19598.	8.7	1
23	D2TNet: A ConvLSTM Network With Dual-Direction Transfer for Pan-Sharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	6
24	Cycle-SNSPGAN: Towards Real-World Image Dehazing via Cycle Spectral Normalized Soft Likelihood Estimation Patch GAN. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20368-20382.	8.0	21
25	Statically Fused Smooth Variable Structure Filter for Robust Tracking with Doppler Radar. , 2022, , .		1
26	Planar Magnetic Actuation for Soft and Rigid Robots Using a Scalable Electromagnet Array. IEEE Robotics and Automation Letters, 2022, 7, 9264-9270.	5.1	4
27	A New Multihypothesis-Based Compressed Video Sensing Reconstruction System. IEEE Transactions on Multimedia, 2021, 23, 3577-3589.	7.2	6
28	Re-Synchronization Using the Hand Preceding Model for Multi-Modal Fusion in Automatic Continuous Cued Speech Recognition. IEEE Transactions on Multimedia, 2021, 23, 292-305.	7.2	24
29	A Closed-Form Localization Method Utilizing Pseudorange Measurements From Two Nonsynchronized Positioning Systems. IEEE Internet of Things Journal, 2021, 8, 1082-1094.	8.7	17
30	A Fast CFAR Algorithm Based on Density-Censoring Operation for Ship Detection in SAR Images. IEEE Signal Processing Letters, 2021, 28, 1085-1089.	3.6	25
31	Space-Time Adaptive Processing by Employing Structure-Aware Two-Level Block Sparsity. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 6386-6397.	4.9	1
32	One-Bit Radar Imaging Via Adaptive Binary Iterative Hard Thresholding. IEEE Transactions on Computational Imaging, 2021, 7, 1005-1017.	4.4	3
33	Semidefinite Programming Two-Way TOA Localization for User Devices With Motion and Clock Drift. IEEE Signal Processing Letters, 2021, 28, 578-582.	3.6	7
34	Optimal Localization With Sequential Pseudorange Measurements for Moving Users in a Time-Division Broadcast Positioning System. IEEE Internet of Things Journal, 2021, 8, 8883-8896.	8.7	7
35	Optimal TOA Localization for Moving Sensor in Asymmetric Network. , 2021, , .		2
36	A New TOA Localization and Synchronization System With Virtually Synchronized Periodic Asymmetric Ranging Network. IEEE Internet of Things Journal, 2021, 8, 9030-9044.	8.7	28

#	Article	IF	Citations
37	Optimal Two-Way TOA Localization and Synchronization for Moving User Devices With Clock Drift. IEEE Transactions on Vehicular Technology, 2021, 70, 7778-7789.	6.3	19
38	Modeling Image Quality Score Distribution Using Alpha Stable Model. , 2021, , .		2
39	Respiratory Consultant by Your Side: Affordable and Remote Intelligent Respiratory Rate and Respiratory Pattern Monitoring System. IEEE Internet of Things Journal, 2021, 8, 14999-15009.	8.7	5
40	Dilated Arrays: A Family of Sparse Arrays With Increased Uniform Degrees of Freedom and Reduced Mutual Coupling on a Moving Platform. IEEE Transactions on Signal Processing, 2021, 69, 3367-3382.	5.3	19
41	Fusion of Spaceborne and Airborne SAR Images Using Saliency and Fuzzy Logic for Vessel Detection. , 2021, , .		0
42	Frequency Estimation for Zero-Padded Signal Based on the Amplitude Ratio of Two DFT Samples. IEEE Transactions on Signal Processing, 2021, 69, 6504-6514.	5.3	2
43	A New Image Fusion Method for Ship Target Enhancement in Spaceborne and Airborne SAR Collaboration. , 2021, , .		0
44	Refocusing of Moving Targets Based on Low-Bit Quantized SAR Data via Parametric Quantized Iterative Hard Thresholding. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2198-2211.	4.7	9
45	SAR Image Despeckling Based on Combination of Fractional-Order Total Variation and Nonlocal Low Rank Regularization. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2056-2070.	6.3	36
46	Deep Restoration of Invisible QR Code from TPVM Display. , 2020, , .		5
47	Automatic Region Selection For Objective Sharpness Assessment Of Mobile Device Photos. , 2020, , .		2
48	High-Resolution DOA Estimation Algorithm for a Single Acoustic Vector Sensor at Low SNR. IEEE Transactions on Signal Processing, 2020, 68, 6142-6158.	5.3	26
49	Rapidly developing human heat residue model under various conditions based on Fluent and thermal video. Infrared Physics and Technology, 2020, 110, 103468.	2.9	3
50	A Novel Moving Sparse Array Geometry with Increased Degrees of Freedom. , 2020, , .		8
51	A New Multihypothesis Prediction Scheme for Compressed Video Sensing Reconstruction. , 2020, , .		2
52	A New Approach to Construct Virtual Array With Increased Degrees of Freedom for Moving Sparse Arrays. IEEE Signal Processing Letters, 2020, 27, 805-809.	3.6	21
53	MEF-GAN: Multi-Exposure Image Fusion via Generative Adversarial Networks. IEEE Transactions on Image Processing, 2020, 29, 7203-7216.	9.8	123
54	Unobtrusive and Automatic Classification of Multiple People's Abnormal Respiratory Patterns in Real Time Using Deep Neural Network and Depth Camera. IEEE Internet of Things Journal, 2020, 7, 8559-8571.	8.7	47

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55	DDcGAN: A Dual-Discriminator Conditional Generative Adversarial Network for Multi-Resolution Image Fusion. IEEE Transactions on Image Processing, 2020, 29, 4980-4995.	9.8	534
56	Ship Detection in SAR Images via Local Contrast of Fisher Vectors. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6467-6479.	6.3	40
57	Generative adversarial networks for non-negative matrix factorization in temporal psycho-visual modulation. , 2020, 100, 102681.		3
58	Building Damage Detection via Superpixel-Based Belief Fusion of Space-Borne SAR and Optical Images. IEEE Sensors Journal, 2020, 20, 2008-2022.	4.7	24
59	A Multimodal Saliency Model for Videos With High Audio-Visual Correspondence. IEEE Transactions on Image Processing, 2020, 29, 3805-3819.	9.8	112
60	Fast Acceleration and Velocity Estimation for Wideband Stretching LFM Radars Based on Mutual Bias Correction. IEEE Sensors Journal, 2020, 20, 8683-8697.	4.7	4
61	Change Detection in Heterogeneous Optical and SAR Remote Sensing Images Via Deep Homogeneous Feature Fusion. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1551-1566.	4.9	40
62	Mirrored Arrays for Direction-of-Arrival Estimation. , 2020, , .		2
63	A novel deep model with multi-loss and efficient training for person re-identification. Neurocomputing, 2019, 324, 69-75.	5.9	49
64	A Wideband/Narrowband Fusion-Based Motion Estimation Method for Maneuvering Target. IEEE Sensors Journal, 2019, 19, 8095-8106.	4.7	1
65	A Novel Subspace Approach for Bearing-Only Target Localization. IEEE Sensors Journal, 2019, 19, 8174-8182.	4.7	30
66	A New Compressed Sensing Based Terminal-to-Cloud Video Transmission System. , 2019, , .		3
67	Parametric Quantized Iterative Hard Thresholding for SAR Moving Target Refocusing Based on Low-Bit-Rate Quantized Data. , 2019, , .		1
68	STAP Based on Two-Level Block Sparsity. , 2019, , .		3
69	Fine Detection and Classification of Multi-class Barcode in Complex Environments. , 2019, , .		9
70	Point Cloud Denoising Based on Tensor Tucker Decomposition. , 2019, , .		4
71	Deep learning-based methods for person re-identification: A comprehensive review. Neurocomputing, 2019, 337, 354-371.	5.9	160
72	Double-Selection based High-Dimensional Factor Model with Application in Asset Pricing. , 2019, , .		0

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73	Design of Adaptive Thresholds For One-Bit Radar Imaging Based on Adversarial Samples. , 2019, , .		2
74	A novel resynchronization procedure for hand-lips fusion applied to continuous French Cued Speech recognition. , 2019, , .		6
75	A Study of Cross Sectional Stock Returns Using High-Dimensional SUR Model and Many Firm Level Characteristics. , 2019, , .		0
76	Homogeneous Transformation Based on Deep-Level Features in Heterogeneous Remote Sensing Images. , 2019, , .		4
77	Physical Password Breaking via Thermal Sequence Analysis. IEEE Transactions on Information Forensics and Security, 2019, 14, 1142-1154.	6.9	15
78	A High-Efficiency Compressed Sensing-Based Terminal-to-Cloud Video Transmission System. IEEE Transactions on Multimedia, 2019, 21, 1905-1920.	7.2	22
79	Quantized Kalman Filter Tracking in Directional Sensor Networks. IEEE Transactions on Mobile Computing, 2018, 17, 871-883.	5.8	21
80	Overlapping Animal Sound Classification Using Sparse Representation. , 2018, , .		5
81	Modeling Thermal Sequence Signal Decreasing for Dual Modal Password Breaking. , 2018, , .		1
82	Near-Infrared Fusion via Color Regularization for Haze and Color Distortion Removals. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 3111-3126.	8.3	40
83	On the Accuracy of Passive Source Localization Using Acoustic Sensor Array Networks. IEEE Sensors Journal, 2017, 17, 1795-1809.	4.7	30
84	A Hierarchical Spatio-Temporal Model for Human Activity Recognition. IEEE Transactions on Multimedia, 2017, 19, 1494-1509.	7.2	41
85	A Saliency Prior Context Model for Real-Time Object Tracking. IEEE Transactions on Multimedia, 2017, 19, 2415-2424.	7.2	65
86	Signal Processing for Finance, Economics, and Marketing: Concepts, framework, and big data applications. IEEE Signal Processing Magazine, 2017, 34, 14-35.	5.6	19
87	Sea surface target detection based on complex ARMA-GARCH processes. , 2017, 70, 1-13.		8
88	Learning a hierarchical spatio-temporal model for human activity recognition. , 2017, , .		3
89	Near-Infrared Coloring via a Contrast-Preserving Mapping Model. IEEE Transactions on Image Processing, 2017, 26, 5381-5394.	9.8	26
90	To the Victor Go the Spoils: AI in Financial Markets [Perspectives]. IEEE Signal Processing Magazine, 2017, 34, 176-173.	5.6	7

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91	On the Shift Operator, Graph Frequency, and Optimal Filtering in Graph Signal Processing. IEEE Transactions on Signal Processing, 2017, 65, 6303-6318.	5.3	111
92	Multimodal fusion via a series of transfers for noise removal. , 2017, , .		1
93	SAR image despeckling by combination of fractional-order total variation and nonlocal low rank regularization. , 2017, , .		15
94	A novel aliasing-free subband information fusion approach for wideband sparse spectral estimation. Eurasip Journal on Advances in Signal Processing, 2017, 2017, 61.	1.7	4
95	Interactive Gaussian-sum filtering for estimating systematic risk in financial econometrics. , 2017, , .		2
96	Motion Vector Based Data Association for On-Line Multi-object Tracking. , 2017, , .		0
97	A fusion-based method for single backlit image enhancement. , 2016, , .		38
98	Visual data completion via local sensitive low rank tensor learning. , 2016, , .		1
99	A Weighted Variational Model for Simultaneous Reflectance and Illumination Estimation. , 2016, , .		570
100	Feature extraction using maximum nonparametric margin projection. Neurocomputing, 2016, 188, 225-232.	5.9	20
101	Layer-Based Approach for Image Pair Fusion. IEEE Transactions on Image Processing, 2016, 25, 2866-2881.	9.8	29
102	Locally Biased Discriminative Clustering Method for Interactive Image Segmentation. Lecture Notes in Computer Science, 2016, , 514-522.	1.3	0
103	Blind bleed-through removal for scanned historical document image with conditional random fields. IEEE Transactions on Image Processing, 2016, 25, 5702-5712.	9.8	20
104	Rain removal via shrinkage of sparse codes and learned rain dictionary. , 2016, , .		4
105	Saliency prior context model for visual tracking. , 2016, , .		3
106	Leaf Classification Utilizing a Convolutional Neural Network with a Structure of Single Connected Layer. Lecture Notes in Computer Science, 2016, , 332-340.	1.3	4
107	Gaussian Process Regression Stochastic Volatility Model for Financial Time Series. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1015-1028.	10.8	31
108	Performance Limits and Geometric Properties of Array Localization. IEEE Transactions on Information Theory, 2016, 62, 1054-1075.	2.4	116

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109	Performance growth and opportunistic marketing spending. International Journal of Research in Marketing, 2016, 33, 711-724.	4.2	13
110	Constrained discriminant neighborhood embedding for high dimensional data feature extraction. Neurocomputing, 2016, 173, 137-144.	5.9	16
111	State switching in US equity index returns based on SETAR model with Kalman filter tracking. , 2015, , .		0
112	Financial time series volatility analysis using Gaussian process state-space models. , 2015, , .		4
113	Dynamic time-alignment k-means kernel clustering for time sequence clustering. , 2015, , .		5
114	Structured feature-graph model for human activity recognition. , 2015, , .		3
115	Patch-based nonlocal dynamic MRI reconstruction with low-rank prior. , 2015, , .		1
116	Kernel-based mixture of experts models for linear regression. , 2015, , .		3
117	The role of the Internet in changing industry competition. Information and Management, 2015, 52, 71-81.	6.5	22
118	Nonparametric discriminant multi-manifold learning for dimensionality reduction. Neurocomputing, 2015, 152, 121-126.	5.9	25
119	Efficient Heuristic Methods for Multimodal Fusion and Concept Fusion in Video Concept Detection. IEEE Transactions on Multimedia, 2015, 17, 498-511.	7.2	17
120	Generalized Iterated Kalman Filter and its Performance Evaluation. IEEE Transactions on Signal Processing, 2015, 63, 3204-3217.	5.3	44
121	Multiple Imputations Particle Filters: Convergence and Performance Analyses for Nonlinear State Estimation With Missing Data. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1536-1547.	10.8	6
122	A Probabilistic Method for Image Enhancement With Simultaneous Illumination and Reflectance Estimation. IEEE Transactions on Image Processing, 2015, 24, 4965-4977.	9.8	299
123	An improved wavelet based shock wave detector. , 2015, , .		0
124	A novel specific image scenes detection method. Multimedia Tools and Applications, 2015, 74, 105-122.	3.9	0
125	Classifying harmful children's content using affective analysis. , 2014, , .		2
126	Positive developmental video classification for children. , 2014, , .		0

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127	Arousal content representation of sports videos using dynamic prediction hidden Markov models. , 2014, , .		1
128	A fusion-based enhancing approach for single sandstorm image. , 2014, , .		38
129	A retinex-based enhancing approach for single underwater image. , 2014, , .		266
130	Automatic age recommendation system for children's video content. , 2014, , .		1
131	Efficient Closed-Form Algorithms for AOA Based Self-Localization of Sensor Nodes Using Auxiliary Variables. IEEE Transactions on Signal Processing, 2014, 62, 2580-2594.	5.3	206
132	Generalized Gaussian mixture Conditional Random Field model for image labeling. , 2014, , .		1
133	A new robust context-based dense CRF model for image labeling. , 2014, , .		4
134	Illumination Robust Video Foreground Prediction Based on Color Recovering. IEEE Transactions on Multimedia, 2014, 16, 637-652.	7.2	11
135	Bayesian Nonparametric Dictionary Learning for Compressed Sensing MRI. IEEE Transactions on Image Processing, 2014, 23, 5007-5019.	9.8	110
136	Compressed Sensing ISAR Reconstruction in the Presence of Rotational Acceleration. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2957-2970.	4.9	26
137	Novel closed-form auxiliary variables based algorithms for sensor node localization using AOA. , 2014, , .		7
138	Locally linear representation Fisher criterion based tumor gene expressive data classification. Computers in Biology and Medicine, 2014, 53, 48-54.	7.0	9
139	Motion Parameter Estimation and Focusing From SAR Images Based on Sparse Reconstruction. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1350-1354.	3.1	18
140	A novel retinex based approach for image enhancement with illumination adjustment. , 2014, , .		55
141	Nonparametric Discriminant Multi-manifold Learning. Lecture Notes in Computer Science, 2014, , 113-119.	1.3	1
142	Performances of Amplify-and-Forward Cooperative Relay Networks with Different Topologies. Wireless Personal Communications, 2013, 69, 561-577.	2.7	6
143	An ICA Mixture Hidden Conditional Random Field Model for Video Event Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 46-59.	8.3	6
144	Enhanced SATD-based cost function for mode selection of H.264/AVC intra coding. Signal, Image and Video Processing, 2013, 7, 777-786.	2.7	8

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145	Label propagation based supervised locality projection analysis for plant leaf classification. Pattern Recognition, 2013, 46, 1891-1897.	8.1	48
146	A new subband information fusion method for wideband DOA estimation using sparse signal representation. , 2013, , .		9
147	Compressed sensing SAR moving target imaging in the presence of basis mismatch. , 2013, , .		7
148	Compressed sensing MRI with Bayesian dictionary learning. , 2013, , .		4
149	Sensitivity analysis of compressed sensing ISAR imaging to rotational acceleration rate mismatch. , 2013, , .		1
150	Piecewise constant modeling and Kalman filter tracking of systematic market risk. , 2013, , .		4
151	A variational framework for single low light image enhancement using bright channel prior. , 2013, , .		45
152	Pan-sharpening based on nonparametric Bayesian adaptive dictionary learning. , 2013, , .		5
153	Multifactor systematic risk analysis based on Piecewise Mean Reverting model. , 2013, , .		4
154	A new passive source localization method using AOA-GROA-TDOA in wireless sensor array networks and its Cram&#x00E9;r-Rao bound analysis. , 2013, , .		13
155	Bimodal Discriminant Projection Analysis for gait recognition. , 2012, , .		0
156	An optimal automated signal superimposing method for Remote Field Eddy Current Transformer Coupling signals. , 2012, , .		0
157	A Fast Sub-Volume Search Method for Human Action Detection. IEICE Transactions on Information and Systems, 2012, E95-D, 285-288.	0.7	0
158	A Novel Location-Penalized Maximum Likelihood Estimator for Bearing-Only Target Localization. IEEE Transactions on Signal Processing, 2012, 60, 6166-6181.	5.3	119
159	Trends and opportunities in consumer video content navigation and analysis. , 2012, , .		2
160	Coupled Observation Decomposed Hidden Markov Model for Multiperson Activity Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 1306-1320.	8.3	16
161	A Textural Based Hidden Markov Model for Animation Genre Discrimination. , 2012, , .		1
162	Direction-of-arrival estimation using sparse variable projection optimization. , 2012, , .		10

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163	Ice hockey shooting event modeling with mixture hidden Markov model. Multimedia Tools and Applications, 2012, 57, 131-144.	3.9	4
164	A novel vector quantization-based video summarization method using independent component analysis mixture model. , 2011, , .		0
165	TechWare: Financial Data and Analytic Resources [Best of the Web]. IEEE Signal Processing Magazine, 2011, 28, 138-141.	5.6	6
166	A content-based video fast-forward playback method using video time density function and rate distortion theory. , 2011, , .		2
167	Video thumbnail extraction using video time density function and independent component analysis mixture model. , 2011, , .		4
168	A new video similarity measure model based on video time density function and dynamic programming. , 2011, , .		4
169	A novel rate-distortion optimization method of H.264/AVC intra coder. , 2011, , .		4
170	A new Laplacian mixture conditional random field model for image labeling. , 2010, , .		2
171	WEIGHTED NEIGHBORHOOD CLASSIFIER FOR THE CLASSIFICATION OF IMBALANCED TUMOR DATASET. Journal of Circuits, Systems and Computers, 2010, 19, 259-273.	1.5	9
172	Statistical Modeling in the Wavelet Domain for Compact Feature Extraction and Similarity Measure of Images. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 439-445.	8.3	19
173	Noise Invalidation Denoising. IEEE Transactions on Signal Processing, 2010, 58, 6007-6016.	5.3	19
174	A new player-enabled rapid video navigation method using temporal quantization and repeated weighted boosting search. , 2010, , .		11
175	Gaussian mixture vector quantization-based video summarization using independent component analysis. , 2010, , .		4
176	A New Hierarchical Key Frame Tree-Based Video Representation Method Using Independent Component Analysis. Lecture Notes in Computer Science, 2010, , 132-139.	1.3	3
177	Does advertising create sustained firm value? The capitalization of brand intangible. Journal of the Academy of Marketing Science, 2009, 37, 130-143.	11.2	81
178	A new localized superpixel Markov random field for image segmentation. , 2009, , .		23
179	ICA mixture hidden conditional random field model for sports event classification. , 2009, , .		3
180	A new image labeling method based on content-based image retrieval and conditional random field. , 2009, , .		0

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181	Preface to the special issue on new achievements in pervasive and interactive multimedia systems and applications. Multimedia Tools and Applications, 2008, 37, 261-262.	3.9	0
182	Color Image Watermarking Using Multidimensional Fourier Transforms. IEEE Transactions on Information Forensics and Security, 2008, 3, 16-28.	6.9	187
183	Reasons for Market Evolution and Budgeting Implications. Journal of Marketing, 2008, 72, 15-30.	11.3	6
184	An ICA Mixture Hidden Markov Model for Video Content Analysis. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 1576-1586.	8.3	20
185	A Novel Look-Up Table Design Method for Data Hiding With Reduced Distortion. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 769-776.	8.3	17
186	A new implementation of trellis coded quantization based data hiding. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	1
187	Generalized Trellis Coded Quantization for Data Hiding. , 2007, , .		3
188	Wavelet-Based Texture Retrieval using Independent Component Analysis. , 2007, , .		5
189	Joint Iterative Demodulation and Decoding of Differential Frequency Hopping Signals. , 2007, , .		2
190	Monte Carlo Initialization for Multi-Sensor Bearing Only Tracking. , 2007, , .		0
191	Multiscale Fragile Watermarking Based on the Gaussian Mixture Model. IEEE Transactions on Image Processing, 2006, 15, 3189-3200.	9.8	41
192	An Automated Video Object Extraction System Based on Spatiotemporal Independent Component Analysis and Multiscale Segmentation. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	8
193	Minimum Distortion Look-Up Table Based Data Hiding. , 2006, , .		0
194	Video Event Detection using ICA Mixture Hidden Markov Models. , 2006, , .		0
195	A Secret Key Based Multiscale Fragile Watermark in the Wavelet Domain. , 2006, , .		3
196	Bidirectional labeling and registration scheme for grayscale image segmentation. IEEE Transactions on Image Processing, 2005, 14, 2073-2081.	9.8	3
197	Comments on "An SVD-based watermarking scheme for protecting rightful Ownership". IEEE Transactions on Multimedia, 2005, 7, 593-594.	7.2	156
198	A New LUT Watermarking Scheme with Near Minimum Distortion Based on the Statistical Modeling in the Wavelet Domain. Lecture Notes in Computer Science, 2005, , 742-750.	1.3	1

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199	\<title\>Content-based image retrieval using a Gaussian mixture model in the wavelet domain\</title\>. , 2003, , .		10
200	\<title\>Object extraction in video sequences based on the spatio-temporal independent component analysis\</title\>. , 2003, , .		0
201	Thresholding neural network for adaptive noise reduction. IEEE Transactions on Neural Networks, 2001, 12, 567-584.	4.2	104
202	Segmentation of bright targets using wavelets and adaptive thresholding. IEEE Transactions on Image Processing, 2001, 10, 1020-1030.	9.8	53
203	A new time-scale adaptive denoising method based on wavelet shrinkage. , 1999, , .		5
204	Orthogonal complex filter banks and wavelets: some properties and design. IEEE Transactions on Signal Processing, 1999, 47, 1039-1048.	5.3	66
205	Adaptive denoising based on SURE risk. IEEE Signal Processing Letters, 1998, 5, 265-267.	3.6	189
206	From the wavelet series to the discrete wavelet transform-the initialization. IEEE Transactions on Signal Processing, 1996, 44, 129-133.	5.3	26
207	Wavelet based automatic thresholding for image segmentation. , 0, , .		9
208	On the symmetry of orthogonal complex filter banks and wavelets. , 0, , .		0
209	Automatic Wavelet-Based Detection Of Clustered Microcalcifications. , 0, , .		0
210	Nonlinear adaptive noise suppression based on wavelet transform. , 0, , .		8
211	Space-scale adaptive noise reduction in images based on thresholding neural network. , 0, , .		4
212	Multiscale tumor detection and segmentation in mammograms. , 0, , .		10
213	Filter bank based interference suppression for fading channels. , 0, , .		1
214	A statistical approach for image feature extraction in the wavelet domain. , 0, , .		3
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