

Pamela C Cosman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

182
papers

2,930
citations

26
h-index

48
g-index

208
ext. papers

3,865
ext. citations

5.6
avg, IF

5.59
L-index

#	Paper	IF	Citations
182	Human-Machine Interaction Oriented Image Coding for Resource-Constrained Visual Monitoring in IoT. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	2
181	Learning-based Rate Control for Video-based Point Cloud Compression.. <i>IEEE Transactions on Image Processing</i> , 2022 , PP,	8.7	1
180	MMNet: An End-to-End Multi-task Deep Convolution Neural Network with Multi-scale and Multi-hierarchy Fusion for Blind Image Quality Assessment. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	4
179	Low-Complexity Error Resilient HEVC Video Coding: A Deep Learning Approach. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 1245-1260	8.7	2
178	. <i>IEEE Access</i> , 2021 , 9, 107688-107700	3.5	1
177	Subcarrier Mapping for Underwater Video Transmission Over OFDM. <i>IEEE Journal of Oceanic Engineering</i> , 2021 , 1-16	3.3	5
176	Analyzing Gaze Behavior Using Object Detection and Unsupervised Clustering 2020 ,		2
175	Robust Deep Sensing Through Transfer Learning in Cognitive Radio. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 38-41	5.9	15
174	Energy Optimization For Hybrid ARQ With Turbo Coding: Rate Adaptation and Allocation. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11338-11352	6.8	4
173	Visual Quality of Compressed Mesh and Point Cloud Sequences. <i>IEEE Access</i> , 2020 , 8, 171203-171217	3.5	7
172	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 2575-2589	6.4	4
171	Characterizing joint attention behavior during real world interactions using automated object and gaze detection 2019 ,		3
170	Joint rate adaptation and resource allocation for real-time H.265/HEVC video transmission over uplink OFDMA systems. <i>Multimedia Tools and Applications</i> , 2019 , 78, 26807-26831	2.5	6
169	Energy Optimization For Wireless Video Transmission Employing Hybrid ARQ. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 5606-5617	6.8	4
168	Multicarrier DS-CDMA System Under Fast Rician Fading and Partial-Time Partial-Band Jamming. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7183-7194	6.9	5
167	Training Efficient Saliency Prediction Models with Knowledge Distillation 2019 ,		4
166	Comparison of Neural Network Architectures for Spectrum Sensing 2019 ,		6

165	Deep Modulation Recognition in an Unknown Environment 2019 ,			1
164	Energy Optimization for Incremental Redundancy Hybrid-ARQ 2019 ,			1
163	Optimal Sensing Disruption: A Generalized Framework for a Power-Limited Adversary. <i>IEEE Transactions on Communications</i> , 2019 , 67, 1341-1355	6.9		
162	High-Speed Railway Fastener Detection Based on a Line Local Binary Pattern. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 788-792	3.2	38	
161	Robust Linear Regression via ℓ_0 Regularization. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 698-713	4.8	24	
160	Quantifying Gaze Behavior During Real-World Interactions Using Automated Object, Face, and Fixation Detection. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2018 , 10, 1143-1152	3	9	
159	Generalization of the Dark Channel Prior for Single Image Restoration. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 2856-2868	8.7	141	
158	Cross-Layer Resource Allocation Using Video Slice Header Information for Wireless Transmission Over LTE. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2024-2037	6.4	4	
157	JOINT PARTIAL-TIME PARTIAL-BAND JAMMING OF A MULTICARRIER DS-CDMA SYSTEM IN A FADING ENVIRONMENT 2018 ,			1
156	PATCH-AWARE AVERAGING FILTER FOR SCALING IN POINT CLOUD COMPRESSION 2018 ,			5
155	Underwater Image Restoration using Deep Networks to Estimate Background Light and Scene Depth 2018 ,			15
154	H.265/HEVC Video Coding Over Lossy Networks: Flexible or Fixed Mode in One CTU?. <i>IEEE Access</i> , 2018 , 6, 71279-71284	3.5	2	
153	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 3749-3764	6.8	3	
152	Underwater Image Restoration Based on Image Blurriness and Light Absorption. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 1579-1594	8.7	262	
151	Subcarrier Assignment and Power Allocation for Device-to-Device Video Transmission in Rayleigh Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 5967-5981	9.6	3	
150	Resource Allocation for Multicarrier Device-to-Device Video Transmission: Symbol Error Rate Analysis and Algorithm Design. <i>IEEE Transactions on Communications</i> , 2017 , 65, 4446-4462	6.9	6	
149	Gender in Engineering Departments: Are There Gender Differences in Interruptions of Academic Job Talks?. <i>Social Sciences</i> , 2017 , 6, 29	1.8	19	
148	Optimization of Multimedia Progressive Transmission Over MIMO Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 1244-1260	6.8	6	

147	Hardware-efficient debanding and visual enhancement filter for inverse tone mapped high dynamic range images and videos 2016 ,		5
146	Joint error-resilient video source coding and FEC code rate optimization for an AWGN channel 2016 ,		2
145	Spatially scalable video broadcasting in multiple antenna systems 2016 ,		2
144	A low complexity model for predicting slice loss distortion for prioritizing H.264/AVC video. <i>Multimedia Tools and Applications</i> , 2016 , 75, 961-985	2.5	4
143	Disruptive Attacks on Video Tactical Cognitive Radio Downlinks. <i>IEEE Transactions on Communications</i> , 2016 , 64, 1411-1422	6.9	5
142	Perceptual Asymmetric Video Coding for 3D-HEVC. <i>Lecture Notes in Computer Science</i> , 2016 , 498-507	0.9	
141	Single image restoration using scene ambient light differential 2016 ,		6
140	Multiview coding and error correction coding for 3D video over noisy channels. <i>Signal Processing: Image Communication</i> , 2015 , 30, 107-120	2.8	1
139	Image registration robust to sparse large errors. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 1975-80	0.9	
138	Tracking epithelial cell junctions in <i>C. elegans</i> embryogenesis with active contours guided by SIFT flow. <i>IEEE Transactions on Biomedical Engineering</i> , 2015 , 62, 1020-33	5	5
137	Joint Source-Channel Coding and Unequal Error Protection for Video Plus Depth. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 31-34	3.2	14
136	Metal artifact reduction for CT-based luggage screening. <i>Journal of X-Ray Science and Technology</i> , 2015 , 23, 435-51	2.1	6
135	Resource Allocation and Performance Analysis for Multiuser Video Transmission Over Doubly Selective Channels. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 1954-1966	9.6	8
134	Binocular suppression based visual masking model for stereo image watermarking 2015 ,		1
133	Single underwater image enhancement using depth estimation based on blurriness 2015 ,		52
132	Double-layer video transmission over decode-and-forward wireless relay networks using hierarchical modulation. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 1791-804	8.7	9
131	Optimal Transmission of Progressive Sources Based on the Error Probability Analysis of SM and OSTBC. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 94-106	6.8	6
130	Automated cell junction tracking with modified active contours guided by SIFT flow 2014 ,		3

129	Syndecan defines precise spindle orientation by modulating Wnt signaling in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2014 , 141, 4354-65	6.6	20
128	Depth-Assisted Temporal Error Concealment for Intra Frame Slices in 3-D Video. <i>IEEE Transactions on Broadcasting</i> , 2014 , 60, 385-393	4.7	10
127	Optimized Spoofing and Jamming a Cognitive Radio. <i>IEEE Transactions on Communications</i> , 2014 , 62, 2681-2695	6.9	6
126	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1849-1862	6.6	7
125	Joint source-channel rate-distortion optimization with motion information sharing for H.264/AVC video-plus-depth coding 2014 ,		1
124	2014 ,		6
123	Flexible methods for segmentation evaluation: results from CT-based luggage screening. <i>Journal of X-Ray Science and Technology</i> , 2014 , 22, 175-95	2.1	2
122	Syndecan defines precise spindle orientation by modulating Wnt signaling in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2014 , 127, e1-e1	5.3	2
121	Uplink Resource Management for Multiuser OFDM Video Transmission Systems: Analysis and Algorithm Design. <i>IEEE Transactions on Communications</i> , 2013 , 61, 2060-2073	6.9	20
120	Device-To-Device Assisted Video Transmission 2013 ,		5
119	Packet Loss Visibility of View+Depth Compressed Stereo 3D Video 2013 ,		3
118	Motion-Compensated Scalable Video Transmission Over MIMO Wireless Channels. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 116-127	6.4	8
117	Spoofing optimization over Nakagami-m fading channels of a cognitive radio adversary 2013 ,		1
116	Motion Compensated Error Concealment for HEVC Based on Block-Merging and Residual Energy 2013 ,		11
115	Minimization of Expected Distortion with Layer-Selective Relaying of Two-Layer Superposition Coding 2013 ,		1
114	Joint source-channel coding of 3D video using multiview coding 2013 ,		6
113	. <i>IEEE Transactions on Communications</i> , 2013 , 61, 4448-4461	6.9	17
112	Classification based fast mode decision for stereo video coding 2013 ,		4

111	Concatenated block codes for unequal error protection of embedded bit streams. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 1111-22	8.7	11
110	Iterative channel decoding of FEC-based multiple-description codes. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 1138-52	8.7	14
109	Channel Coding Optimization Based on Slice Visibility for Transmission of Compressed Video over OFDM Channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 1172-1183	14.2	9
108	Depth-assisted error concealment for intra frame slices in 3D video 2012 ,		2
107	Frame loss visibility modeling of stereoscopic video for H.264/AVC-MVC 2012 ,		2
106	Network-based H.264/AVC whole frame loss visibility model and frame dropping methods. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3353-63	8.7	12
105	Segmentation of artifacts and anatomy in CT metal artifact reduction. <i>Medical Physics</i> , 2012 , 39, 5857-684.4	4.4	34
104	Subcarrier mapping based on slice visibility for video transmission over OFDM channels 2012 ,		1
103	Optimization of generalized LT codes for progressive image transfer 2012 ,		2
102	Automated nuclei tracking in <i>C. elegans</i> based on spherical model fitting with multiple target tracking 2012 ,		4
101	Using segmentation in CT metal artifact reduction 2012 ,		2
100	Optimized Unequal Error Protection Using Multiplexed Hierarchical Modulation. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 5816-5840	2.8	29
99	Quantitative semi-automated analysis of morphogenesis with single-cell resolution in complex embryos. <i>Development (Cambridge)</i> , 2012 , 139, 4271-9	6.6	54
98	Generalized unequal error protection LT codes for progressive data transmission. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3586-97	8.7	30
97	Predicting slice loss distortion in H.264/AVC video for low complexity data prioritization 2012 ,		9
96	H.264/AVC video packet aggregation and unequal error protection for noisy channels 2012 ,		5
95	SSIM-Based End-to-End Distortion Modeling for H.264 Video Coding. <i>Lecture Notes in Computer Science</i> , 2012 , 117-128	0.9	
94	On Uplink Channel Estimation in WiMAX Systems 2012 , 103-111		

93	Spoofing or Jamming: Performance Analysis of a Tactical Cognitive Radio Adversary. <i>IEEE Journal on Selected Areas in Communications</i> , 2011 , 29, 903-911	14.2	18
92	Coded Hierarchical Modulation for Wireless Progressive Image Transmission. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 4299-4313	6.8	16
91	Chernoff-Type Bounds for the Gaussian Error Function. <i>IEEE Transactions on Communications</i> , 2011 , 59, 2939-2944	6.9	61
90	Superposition MIMO Coding for the Broadcast of Layered Sources. <i>IEEE Transactions on Communications</i> , 2011 , 59, 3240-3248	6.9	16
89	Performance analysis of n-channel symmetric FEC-based multiple description coding for OFDM networks. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 1061-76	8.7	12
88	Wyner-Ziv video coding with classified correlation noise estimation and key frame coding mode selection. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 2463-74	8.7	16
87	Bit-rate allocation for multiple video streams using a pricing-based mechanism. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 3219-30	8.7	9
86	Cross Layer Resource Allocation Design for Uplink Video OFDMA Wireless Systems 2011 ,		1
85	Prioritized packet fragmentation for H.264 video 2011 ,		2
84	Fast mode decision for H.264 video coding in packet loss environment 2011 ,		3
83	On hard decision upper bounds for coded M-ary hierarchical modulation 2011 ,		5
82	Unequal error protection based on slice visibility for transmission of compressed video over OFDM channels 2011 ,		3
81	Superposition coding based cooperative communication with relay selection 2010 ,		4
80	Network-based IP packet loss importance model for H.264 SD videos 2010 ,		4
79	Network-based packet loss visibility model for SDTV and HDTV for H.264 videos 2010 ,		8
78	Analysis and Simulation of Sensing Deception in Fading Cognitive Radio Networks 2010 ,		5
77	Network-Based Model for Video Packet Importance Considering Both Compression Artifacts and Packet Losses 2010 ,		4
76	Efficient Optimal RCPC Code Rate Allocation With Packet Discarding for Pre-Encoded Compressed Video. <i>IEEE Signal Processing Letters</i> , 2010 , 17, 505-508	3.2	17

75	Classification of MPEG-2 Transport Stream packet loss visibility 2010 ,		4
74	Packet dropping for H.264 videos considering both coding and packet-loss artifacts 2010 ,		4
73	A versatile model for packet loss visibility and its application to packet prioritization. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 722-35	8.7	60
72	Throughput and Delay Analysis for Real-Time Applications in Ad-Hoc Cognitive Networks 2010 ,		4
71	Delay constrained multiplexing of video streams using dual-frame video coding. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 1022-35	8.7	3
70	Subjective experiment and modeling of whole frame packet loss visibility for H.264 2010 ,		3
69	Packet Dropping for Widely Varying Bit Reduction Rates Using a Network-Based Packet Loss Visibility Model 2010 ,		5
68	Competitive equilibrium bitrate allocation for multiple video streams. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 1009-21	8.7	22
67	Optimal Sensing Disruption for a Cognitive Radio Adversary. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 1801-1810	6.8	13
66	Source-channel rate optimization for progressive image transmission over block fading relay channels [Transactions Papers]. <i>IEEE Transactions on Communications</i> , 2010 , 58, 1631-1642	6.9	11
65	On Uplink Channel Estimation in WiMAX Systems. <i>International Journal of Mobile Computing and Multimedia Communications</i> , 2010 , 2, 67-77	0.7	
64	Frequency Band Coding Mode Selection for Key Frames of Wyner-Ziv Video Coding 2009 ,		1
63	Worst-Case Sensing Deception in Cognitive Radio Networks 2009 ,		5
62	Low Complexity Spatio-Temporal Key Frame Encoding for Wyner-Ziv Video Coding 2009 ,		6
61	Optimal Multiplexed Hierarchical Modulation for Unequal Error Protection of Progressive Bit Streams 2009 ,		3
60	Pricing-based decentralized rate allocation for multiple video streams 2009 ,		3
59	Correlation noise classification based on matching success for transform domain Wyner-Ziv video coding 2009 ,		7
58	Using Articulated Models for Tracking Multiple C. elegans in Physical Contact. <i>Journal of Signal Processing Systems</i> , 2009 , 55, 113-126	1.4	7

57	Progressive Source Transmissions Using Joint Source-Channel Coding and Hierarchical Modulation in Packetized Networks 2009 ,		4
56	Multiple Reference Motion Compensation: A Tutorial Introduction and Survey. <i>Foundations and Trends in Signal Processing</i> , 2009 , 2, 247-364	2.7	1
55	Channel coding for progressive images in a 2-D time-frequency OFDM block with channel estimation errors. <i>IEEE Transactions on Image Processing</i> , 2009 , 18, 2476-90	8.7	20
54	2009 ,		3
53	A Resource Allocation Algorithm for Real-Time Streaming in Cognitive Networks 2009 ,		5
52	Perceptual quality based packet dropping for generalized video GOP structures 2009 ,		9
51	Optimal RCPC channel rate allocation in AWGN channel for perceptual video quality using integer programming 2009 ,		3
50	Perceptual video quality optimization in AWGN channel using low complexity channel code rate allocation 2009 ,		1
49	Quality Evaluation for Compressed Medical Images: Diagnostic Accuracy 2009 , 944-962		
48	Selection of Long-Term Reference Frames in Dual-Frame Video Coding Using Simulated Annealing. <i>IEEE Signal Processing Letters</i> , 2008 , 15, 249-252	3.2	29
47	Dual Frame Motion Compensation With Uneven Quality Assignment. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2008 , 18, 249-256	6.4	16
46	A multiple description coding and delivery scheme for motion-compensated fine granularity scalable video. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 1353-67	8.7	9
45	Automated Detection and Analysis of Foraging Behavior in <i>C. elegans</i> 2008 ,		1
44	Buffer constrained rate control for low bitrate dual-frame video coding 2008 ,		1
43	Multiplexing video streams using dual-frame video coding. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008 ,	1.6	4
42	Bitrate allocation for multiple video streams at competitive equilibria 2008 ,		3
41	Automated detection and analysis of foraging behavior in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience Methods</i> , 2008 , 171, 153-64	3	20
40	Statistical channel knowledge-based optimum power allocation for relaying protocols in the high SNR regime. <i>IEEE Journal on Selected Areas in Communications</i> , 2007 , 25, 292-305	14.2	86

39	Performance Analysis of Linear Modulation Schemes With Generalized Diversity Combining on Rayleigh Fading Channels With Noisy Channel Estimates. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 4701-4727	2.8	40
38	Flicker Suppression in JPEG2000 using Segmentation-Based Adjustment of Block Truncation Lengths 2007 ,		6
37	AUTOMATED TRACKING OF MULTIPLE C. ELEGANS WITH ARTICULATED MODELS 2007 ,		9
36	Compression efficiency and delay tradeoffs for hierarchical B-pictures and pulsed-quality frames. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 1726-40	8.7	20
35	Quality evaluation of motion-compensated edge artifacts in compressed video. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 943-56	8.7	23
34	End-to-End Delay for Hierarchical B-Pictures and Pulsed Quality Dual Frame Video Coders 2006 ,		2
33	Predicting H.264 Packet Loss Visibility using a Generalized Linear Model 2006 ,		26
32	First-order Markov Models for Packet Transmission on Rayleigh Fading Channels with DPSK/NCFSK Modulation 2006 ,		2
31	Drift-resistant SNR scalable video coding. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 2191-7	8.7	1
30	Source and channel coding trade-offs for a pulsed quality video encoder 2006 ,		2
29	Error-resilient video communications over CDMA networks with a bandwidth constraint. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 3241-52	8.7	12
28	Video coding with fixed-length packetization for a tandem channel. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 273-88	8.7	16
27	. <i>IEEE Transactions on Multimedia</i> , 2006 , 8, 341-355	6.6	101
26	A cross-layer diversity technique for multicarrier OFDM multimedia networks. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 833-47	8.7	15
25	Machine vision based detection of omega bends and reversals in C. elegans. <i>Journal of Neuroscience Methods</i> , 2006 , 158, 323-36	3	51
24	Caenorhabditis elegans Egg-Laying Detection and Behavior Study Using Image Analysis. <i>Eurasip Journal on Advances in Signal Processing</i> , 2005 , 2005, 1	1.9	5
23	Automatic tracking, feature extraction and classification of C elegans phenotypes. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 1811-20	5	116
22	Video compression for lossy packet networks with mode switching and a dual-frame buffer. <i>IEEE Transactions on Image Processing</i> , 2004 , 13, 885-97	8.7	26

21	Human Body Model Acquisition and Tracking Using Voxel Data. <i>International Journal of Computer Vision</i> , 2003 , 53, 199-223	10.6	166
20	End-to-end differentiation of congestion and wireless losses. <i>IEEE/ACM Transactions on Networking</i> , 2003 , 11, 703-717	3.8	157
19	Fast and memory efficient text image compression with JBIG2. <i>IEEE Transactions on Image Processing</i> , 2003 , 12, 944-56	8.7	9
18	Preserving step edges in low bit rate progressive image compression. <i>IEEE Transactions on Image Processing</i> , 2003 , 12, 1473-84	8.7	7
17	Quantitative classification and natural clustering of <i>Caenorhabditis elegans</i> behavioral phenotypes. <i>Genetics</i> , 2003 , 165, 1117-26	4	55
16	Using machine vision to analyze and classify <i>Caenorhabditis elegans</i> behavioral phenotypes quantitatively. <i>Journal of Neuroscience Methods</i> , 2002 , 118, 9-21	3	100
15	Tradeoffs of Source Coding, Channel Coding and Spreading in Frequency Selective Rayleigh Fading Channels. <i>Journal of Signal Processing Systems</i> , 2002 , 30, 7-20		1
14	Tradeoffs of Source Coding, Channel Coding and Spreading in Frequency Selective Rayleigh Fading Channels 2002 , 7-20		2
13	End-to-end differentiation of congestion and wireless losses 2001 ,		4
12	Phase shifting prior to spatial filtering enhances optical recordings of cardiac action potential propagation. <i>Annals of Biomedical Engineering</i> , 2001 , 29, 854-61	4.7	10
11	Universal lossless compression via multilevel pattern matching. <i>IEEE Transactions on Information Theory</i> , 2000 , 46, 1227-1245	2.8	48
10	Quality Evaluation for Compressed Medical Images: Diagnostic Accuracy 2000 , 821-839		
9	Quality Evaluation for Compressed Medical Images: Fundamentals 2000 , 803-819		2
8	Combined forward error control and packetized zerotree wavelet encoding for transmission of images over varying channels. <i>IEEE Transactions on Image Processing</i> , 2000 , 9, 982-93	8.7	67
7	Medical image compression and vector quantization. <i>Statistical Science</i> , 1998 , 13, 30	2.4	10
6	Medical image compression with lossless regions of interest. <i>Signal Processing</i> , 1997 , 59, 155-171	4.4	33
5	Vector quantization of image subbands: a survey. <i>IEEE Transactions on Image Processing</i> , 1996 , 5, 202-25	8.7	92
4	Quality Evaluation for Compressed Medical Images: Fundamentals 1994 , 917-933		1

- 3 Vector quantization: clustering and classification trees. *Journal of Applied Statistics*, **1994**, 21, 93-108 1 3
- 2 Combining vector quantization and histogram equalization. *Information Processing and Management*, **1992**, 28, 681-686 6.3 6
- 1 Image Compression and Tree-Structured Vector Quantization. *Kluwer International Series in Engineering and Computer Science*, **1992**, 3-34 4