

Pamela C Cosman

List of Publications by Year in descending order

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207
papers

4,911
citations

147566

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h-index

118652

62
g-index

208
all docs

208
docs citations

208
times ranked

3100
citing authors

#	ARTICLE	IF	CITATIONS
1	Underwater Image Restoration Based on Image Blurriness and Light Absorption. IEEE Transactions on Image Processing, 2017, 26, 1579-1594.	6.0	614
2	Generalization of the Dark Channel Prior for Single Image Restoration. IEEE Transactions on Image Processing, 2018, 27, 2856-2868.	6.0	371
3	End-to-end differentiation of congestion and wireless losses. IEEE/ACM Transactions on Networking, 2003, 11, 703-717.	2.6	270
4	Human Body Model Acquisition and Tracking Using Voxel Data. International Journal of Computer Vision, 2003, 53, 199-223.	10.9	223
5	Performance Analysis of n -Channel Symmetric FEC-Based Multiple Description Coding for OFDM Networks. IEEE Transactions on Image Processing, 2011, 20, 1061-1076.	6.0	185
6	Vector quantization of image subbands: a survey. IEEE Transactions on Image Processing, 1996, 5, 202-225.	6.0	149
7	Automatic Tracking, Feature Extraction and Classification of <i>C. elegans</i> Phenotypes. IEEE Transactions on Biomedical Engineering, 2004, 51, 1811-1820.	2.5	140
8	Modeling packet-loss visibility in MPEG-2 video. IEEE Transactions on Multimedia, 2006, 8, 341-355.	5.2	123
9	Using machine vision to analyze and classify <i>Caenorhabditis elegans</i> behavioral phenotypes quantitatively. Journal of Neuroscience Methods, 2002, 118, 9-21.	1.3	121
10	Statistical channel knowledge-based optimum power allocation for relaying protocols in the high SNR regime. IEEE Journal on Selected Areas in Communications, 2007, 25, 292-305.	9.7	117
11	Single underwater image enhancement using depth estimation based on blurriness. , 2015, , .		99
12	Combined forward error control and packetized zerotree wavelet encoding for transmission of images over varying channels. IEEE Transactions on Image Processing, 2000, 9, 982-993.	6.0	95
13	Chernoff-Type Bounds for the Gaussian Error Function. IEEE Transactions on Communications, 2011, 59, 2939-2944.	4.9	87
14	Universal lossless compression via multilevel pattern matching. IEEE Transactions on Information Theory, 2000, 46, 1227-1245.	1.5	74
15	A Versatile Model for Packet Loss Visibility and its Application to Packet Prioritization. IEEE Transactions on Image Processing, 2010, 19, 722-735.	6.0	74
16	Quantitative semi-automated analysis of morphogenesis with single-cell resolution in complex embryos. Development (Cambridge), 2012, 139, 4271-4279.	1.2	68
17	Machine vision based detection of omega bends and reversals in <i>C. elegans</i> . Journal of Neuroscience Methods, 2006, 158, 323-336.	1.3	65
18	Medical image compression with lossless regions of interest. Signal Processing, 1997, 59, 155-171.	2.1	63

#	ARTICLE	IF	CITATIONS
19	Quantitative Classification and Natural Clustering of <i>Caenorhabditis elegans</i> Behavioral Phenotypes. <i>Genetics</i> , 2003, 165, 1117-1126.	1.2	62
20	High-Speed Railway Fastener Detection Based on a Line Local Binary Pattern. <i>IEEE Signal Processing Letters</i> , 2018, 25, 788-792.	2.1	55
21	Segmentation of artifacts and anatomy in CT metal artifact reduction. <i>Medical Physics</i> , 2012, 39, 5857-5868.	1.6	49
22	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.	1.5	46
23	Generalized Unequal Error Protection LT Codes for Progressive Data Transmission. <i>IEEE Transactions on Image Processing</i> , 2012, 21, 3586-3597.	6.0	46
24	Optimized Unequal Error Protection Using Multiplexed Hierarchical Modulation. <i>IEEE Transactions on Information Theory</i> , 2012, 58, 5816-5840.	1.5	42
25	Predicting H.264 Packet Loss Visibility using a Generalized Linear Model. , 2006, , .		41
26	Selection of Long-Term Reference Frames in Dual-Frame Video Coding Using Simulated Annealing. <i>IEEE Signal Processing Letters</i> , 2008, 15, 249-252.	2.1	41
27	Gender in Engineering Departments: Are There Gender Differences in Interruptions of Academic Job Talks?. <i>Social Sciences</i> , 2017, 6, 29.	0.7	40
28	Video Compression for Lossy Packet Networks With Mode Switching and a Dual-Frame Buffer. <i>IEEE Transactions on Image Processing</i> , 2004, 13, 885-897.	6.0	39
29	Robust Deep Sensing Through Transfer Learning in Cognitive Radio. <i>IEEE Wireless Communications Letters</i> , 2020, 9, 38-41.	3.2	39
30	Syndecan defines precise spindle orientation by modulating Wnt signaling in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2014, 141, 4354-4365.	1.2	38
31	Underwater Image Restoration using Deep Networks to Estimate Background Light and Scene Depth. , 2018, , .		37
32	Robust Linear Regression via ℓ_0 Regularization. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 698-713.	3.2	35
33	Quality Evaluation of Motion-Compensated Edge Artifacts in Compressed Video. <i>IEEE Transactions on Image Processing</i> , 2007, 16, 943-956.	6.0	32
34	Uplink Resource Management for Multiuser OFDM Video Transmission Systems: Analysis and Algorithm Design. <i>IEEE Transactions on Communications</i> , 2013, 61, 2060-2073.	4.9	31
35	A cross-Layer diversity technique for multicarrier OFDM multimedia networks. <i>IEEE Transactions on Image Processing</i> , 2006, 15, 833-847.	6.0	28
36	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, 31, 4798-4811.	5.6	28

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37	Compression Efficiency and Delay Tradeoffs for Hierarchical B-Pictures and Pulsed-Quality Frames. IEEE Transactions on Image Processing, 2007, 16, 1726-1740.	6.0	27
38	Automated detection and analysis of foraging behavior in Caenorhabditis elegans. Journal of Neuroscience Methods, 2008, 171, 153-164.	1.3	27
39	Dual Frame Motion Compensation With Uneven Quality Assignment. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 249-256.	5.6	27
40	Spoofing or Jamming: Performance Analysis of a Tactical Cognitive Radio Adversary. IEEE Journal on Selected Areas in Communications, 2011, 29, 903-911.	9.7	27
41	Channel Coding for Progressive Images in a 2-D Time-Frequency OFDM Block With Channel Estimation Errors. IEEE Transactions on Image Processing, 2009, 18, 2476-2490.	6.0	26
42	Competitive Equilibrium Bitrate Allocation for Multiple Video Streams. IEEE Transactions on Image Processing, 2010, 19, 1009-1021.	6.0	25
43	Network-Based H.264/AVC Whole-Frame Loss Visibility Model and Frame Dropping Methods. IEEE Transactions on Image Processing, 2012, 21, 3353-3363.	6.0	23
44	Optimal Sensing Disruption for a Cognitive Radio Adversary. IEEE Transactions on Vehicular Technology, 2010, 59, 1801-1810.	3.9	22
45	Coded Hierarchical Modulation for Wireless Progressive Image Transmission. IEEE Transactions on Vehicular Technology, 2011, 60, 4299-4313.	3.9	22
46	Iterative Channel Decoding of FEC-Based Multiple-Description Codes. IEEE Transactions on Image Processing, 2012, 21, 1138-1152.	6.0	22
47	Cooperative Relaying of Superposition Coding with Simple Feedback for Layered Source Transmission. IEEE Transactions on Communications, 2013, 61, 4448-4461.	4.9	22
48	Joint Source-Channel Coding and Unequal Error Protection for Video Plus Depth. IEEE Signal Processing Letters, 2015, 22, 31-34.	2.1	21
49	Video coding with fixed-length packetization for a tandem channel. IEEE Transactions on Image Processing, 2006, 15, 273-288.	6.0	20
50	Superposition MIMO Coding for the Broadcast of Layered Sources. IEEE Transactions on Communications, 2011, 59, 3240-3248.	4.9	20
51	Motion Compensated Error Concealment for HEVC Based on Block-Merging and Residual Energy. , 2013, , .		20
52	Visual Quality of Compressed Mesh and Point Cloud Sequences. IEEE Access, 2020, 8, 171203-171217.	2.6	20
53	Wyner's Ziv Video Coding With Classified Correlation Noise Estimation and Key Frame Coding Mode Selection. IEEE Transactions on Image Processing, 2011, 20, 2463-2474.	6.0	19
54	Error-Resilient Video Communications Over CDMA Networks With a Bandwidth Constraint. IEEE Transactions on Image Processing, 2006, 15, 3241-3252.	6.0	18

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55	Efficient Optimal RCPC Code Rate Allocation With Packet Discarding for Pre-Encoded Compressed Video. IEEE Signal Processing Letters, 2010, 17, 505-508.	2.1	18
56	Concatenated Block Codes for Unequal Error Protection of Embedded Bit Streams. IEEE Transactions on Image Processing, 2012, 21, 1111-1122.	6.0	17
57	Medical image compression and vector quantization. Statistical Science, 1998, 13, 30.	1.6	16
58	A Multiple Description Coding and Delivery Scheme for Motion-Compensated Fine Granularity Scalable Video. IEEE Transactions on Image Processing, 2008, 17, 1353-1367.	6.0	14
59	Source-channel rate optimization for progressive image transmission over block fading relay channels [Transactions Papers. IEEE Transactions on Communications, 2010, 58, 1631-1642.	4.9	14
60	Optimal Transmission of Progressive Sources Based on the Error Probability Analysis of SM and OSTBC. IEEE Transactions on Vehicular Technology, 2014, 63, 94-106.	3.9	14
61	Single image restoration using scene ambient light differential. , 2016, , .		14
62	Quantifying Gaze Behavior During Real-World Interactions Using Automated Object, Face, and Fixation Detection. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 1143-1152.	2.6	14
63	Fast and memory efficient text image compression with JBIG2. IEEE Transactions on Image Processing, 2003, 12, 944-956.	6.0	13
64	Bit-Rate Allocation for Multiple Video Streams Using a Pricing-Based Mechanism. IEEE Transactions on Image Processing, 2011, 20, 3219-3230.	6.0	13
65	Combining vector quantization and histogram equalization. Information Processing and Management, 1992, 28, 681-686.	5.4	12
66	AUTOMATED TRACKING OF MULTIPLE C. ELEGANS WITH ARTICULATED MODELS. , 2007, , .		12
67	Perceptual quality based packet dropping for generalized video GOP structures. , 2009, , .		12
68	Predicting slice loss distortion in H.264/AVC video for low complexity data prioritization. , 2012, , .		12
69	Channel Coding Optimization Based on Slice Visibility for Transmission of Compressed Video over OFDM Channels. IEEE Journal on Selected Areas in Communications, 2012, 30, 1172-1183.	9.7	12
70	Optimization of Multimedia Progressive Transmission Over MIMO Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 1244-1260.	3.9	12
71	Denoising and Inpainting for Point Clouds Compressed by V-PCC. IEEE Access, 2021, 9, 107688-107700.	2.6	12
72	Subcarrier Mapping for Underwater Video Transmission Over OFDM. IEEE Journal of Oceanic Engineering, 2021, 46, 1408-1423.	2.1	12

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73	Preserving step edges in low bit rate progressive image compression. IEEE Transactions on Image Processing, 2003, 12, 1473-1484.	6.0	11
74	Low Complexity Spatio-Temporal Key Frame Encoding for Wyner-Ziv Video Coding. , 2009, , .		11
75	Metal artifact reduction for CT-based luggage screening. Journal of X-Ray Science and Technology, 2015, 23, 435-451.	0.7	11
76	Comparison of Neural Network Architectures for Spectrum Sensing. , 2019, , .		11
77	Phase Shifting Prior to Spatial Filtering Enhances Optical Recordings of Cardiac Action Potential Propagation. Annals of Biomedical Engineering, 2001, 29, 854-861.	1.3	10
78	Depth-Assisted Temporal Error Concealment for Intra Frame Slices in 3-D Video. IEEE Transactions on Broadcasting, 2014, 60, 385-393.	2.5	10
79	Resource Allocation and Performance Analysis for Multiuser Video Transmission Over Doubly Selective Channels. IEEE Transactions on Wireless Communications, 2015, 14, 1954-1966.	6.1	10
80	Joint rate adaptation and resource allocation for real-time H.265/HEVC video transmission over uplink OFDMA systems. Multimedia Tools and Applications, 2019, 78, 26807-26831.	2.6	10
81	Low-Complexity Error Resilient HEVC Video Coding: A Deep Learning Approach. IEEE Transactions on Image Processing, 2021, 30, 1245-1260.	6.0	10
82	Human-Machine Interaction-Oriented Image Coding for Resource-Constrained Visual Monitoring in IoT. IEEE Internet of Things Journal, 2022, 9, 16181-16195.	5.5	10
83	Flicker Suppression in JPEG2000 using Segmentation-Based Adjustment of Block Truncation Lengths. , 2007, , .		9
84	Superposition coding based cooperative communication with relay selection. , 2010, , .		9
85	Analysis and Simulation of Sensing Deception in Fading Cognitive Radio Networks. , 2010, , .		9
86	Iterative Pricing-Based Rate Allocation for Video Streams With Fluctuating Bandwidth Availability. IEEE Transactions on Multimedia, 2014, 16, 1849-1862.	5.2	9
87	Double-Layer Video Transmission Over Decode-and-Forward Wireless Relay Networks Using Hierarchical Modulation. IEEE Transactions on Image Processing, 2014, 23, 1791-1804.	6.0	9
88	Optimized Spoofing and Jamming a Cognitive Radio. IEEE Transactions on Communications, 2014, 62, 2681-2695.	4.9	9
89	Disruptive Attacks on Video Tactical Cognitive Radio Downlinks. IEEE Transactions on Communications, 2016, 64, 1411-1422.	4.9	9
90	Training Efficient Saliency Prediction Models with Knowledge Distillation. , 2019, , .		9

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91	Characterizing joint attention behavior during real world interactions using automated object and gaze detection. , 2019, , .		9
92	Efficient Debanding Filtering for Inverse Tone Mapped High Dynamic Range Videos. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2575-2589.	5.6	9
93	Learning-Based Rate Control for Video-Based Point Cloud Compression. IEEE Transactions on Image Processing, 2022, 31, 2175-2189.	6.0	9
94	<title>End-to-end differentiation of congestion and wireless losses</title>. , 2001, , .		8
95	Caenorhabditis elegans Egg-Laying Detection and Behavior Study Using Image Analysis. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.0	8
96	Correlation noise classification based on matching success for transform domain Wyner-Ziv video coding. , 2009, , .		8
97	Using Articulated Models for Tracking Multiple C. elegans in Physical Contact. Journal of Signal Processing Systems, 2009, 55, 113-126.	1.4	8
98	Network-based packet loss visibility model for SDTV and HDTV for H.264 videos. , 2010, , .		8
99	Motion-Compensated Scalable Video Transmission Over MIMO Wireless Channels. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 116-127.	5.6	8
100	Weighted boundary matching error concealment for HEVC using block partition decisions. , 2014, , .		8
101	Hardware-efficient debanding and visual enhancement filter for inverse tone mapped high dynamic range images and videos. , 2016, , .		8
102	A low complexity model for predicting slice loss distortion for prioritizing H.264/AVC video. Multimedia Tools and Applications, 2016, 75, 961-985.	2.6	8
103	Image Compression and Tree-Structured Vector Quantization. Kluwer International Series in Engineering and Computer Science, 1992, , 3-34.	0.2	8
104	Quality Evaluation for Compressed Medical Images: Fundamentals. , 2000, , 803-819.		7
105	Title is missing!. Journal of Signal Processing Systems, 2002, 30, 7-20.	1.0	7
106	Progressive Source Transmissions Using Joint Source-Channel Coding and Hierarchical Modulation in Packetized Networks. , 2009, , .		7
107	Packet Dropping for Widely Varying Bit Reduction Rates Using a Network-Based Packet Loss Visibility Model. , 2010, , .		7
108	Device-To-Device Assisted Video Transmission. , 2013, , .		7

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109	Joint source-channel coding of 3D video using multiview coding. , 2013, , .		7
110	Resource Allocation for Multicarrier Device-to-Device Video Transmission: Symbol Error Rate Analysis and Algorithm Design. IEEE Transactions on Communications, 2017, 65, 4446-4462.	4.9	7
111	Cross-Layer Resource Allocation Using Video Slice Header Information for Wireless Transmission Over LTE. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2024-2037.	5.6	7
112	Energy Optimization For Wireless Video Transmission Employing Hybrid ARQ. IEEE Transactions on Vehicular Technology, 2019, 68, 5606-5617.	3.9	7
113	A Resource Allocation Algorithm for Real-Time Streaming in Cognitive Networks. , 2009, , .		6
114	Network-Based Model for Video Packet Importance Considering Both Compression Artifacts and Packet Losses. , 2010, , .		6
115	H.264/AVC video packet aggregation and unequal error protection for noisy channels. , 2012, , .		6
116	Tracking Epithelial Cell Junctions in <i>C. elegans</i> Embryogenesis With Active Contours Guided by SIFT Flow. IEEE Transactions on Biomedical Engineering, 2015, 62, 1020-1033.	2.5	6
117	Optimization of Scalable Broadcast for a Large Number of Antennas. IEEE Transactions on Vehicular Technology, 2017, 66, 3749-3764.	3.9	6
118	PATCH-AWARE AVERAGING FILTER FOR SCALING IN POINT CLOUD COMPRESSION. , 2018, , .		6
119	Multicarrier DS-CDMA System Under Fast Rician Fading and Partial-Time Partial-Band Jamming. IEEE Transactions on Communications, 2019, 67, 7183-7194.	4.9	6
120	Worst-Case Sensing Deception in Cognitive Radio Networks. , 2009, , .		5
121	Optimal Multiplexed Hierarchical Modulation for Unequal Error Protection of Progressive Bit Streams. , 2009, , .		5
122	Multiple Reference Motion Compensation: A Tutorial Introduction and Survey. Foundations and Trends in Signal Processing, 2009, 2, 247-364.	12.0	5
123	Network-based IP packet loss importance model for H.264 SD videos. , 2010, , .		5
124	Subjective experiment and modeling of whole frame packet loss visibility for H.264. , 2010, , .		5
125	On hard decision upper bounds for coded M-ary hierarchical modulation. , 2011, , .		5
126	Automated cell junction tracking with modified active contours guided by SIFT flow. , 2014, , .		5

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127	Energy Optimization For Hybrid ARQ With Turbo Coding: Rate Adaptation and Allocation. IEEE Transactions on Vehicular Technology, 2020, 69, 11338-11352.	3.9	5
128	End-to-End Delay for Hierarchical B-Pictures and Pulsed Quality Dual Frame Video Coders. , 2006, , .		4
129	First-order Markov Models for Packet Transmission on Rayleigh Fading Channels with DPSK/NCFSK Modulation. , 2006, , .		4
130	Multiplexing video streams using dual-frame video coding. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	4
131	Tradeoff between spoofing and jamming a cognitive radio. , 2009, , .		4
132	Optimal RCPC channel rate allocation in AWGN channel for perceptual video quality using integer programming. , 2009, , .		4
133	Classification of MPEG-2 Transport Stream packet loss visibility. , 2010, , .		4
134	Packet dropping for H.264 videos considering both coding and packet-loss artifacts. , 2010, , .		4
135	Throughput and Delay Analysis for Real-Time Applications in Ad-Hoc Cognitive Networks. , 2010, , .		4
136	Delay Constrained Multiplexing of Video Streams Using Dual-Frame Video Coding. IEEE Transactions on Image Processing, 2010, 19, 1022-1035.	6.0	4
137	Cross Layer Resource Allocation Design for Uplink Video OFDMA Wireless Systems. , 2011, , .		4
138	Fast mode decision for H.264 video coding in packet loss environment. , 2011, , .		4
139	Automated nuclei tracking in C. elegans based on spherical model fitting with multiple target tracking. , 2012, , .		4
140	Using segmentation in CT metal artifact reduction. , 2012, , .		4
141	Classification based fast mode decision for stereo video coding. , 2013, , .		4
142	Subcarrier Assignment and Power Allocation for Device-to-Device Video Transmission in Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 5967-5981.	6.1	4
143	Analyzing Gaze Behavior Using Object Detection and Unsupervised Clustering. , 2020, , .		4
144	Joint Source-Channel Rate-Distortion Optimization for Wireless Video Transmission. , 2020, , .		4

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145	HMM-based Detection of Head Nods to Evaluate Conversational Engagement from Head Motion Data. , 2021, , .		4
146	Vector quantization: clustering and classification trees. Journal of Applied Statistics, 1994, 21, 93-108.	0.6	3
147	Tradeoffs of Source Coding, Channel Coding and Spreading in Frequency Selective Rayleigh Fading Channels. , 2002, , 7-20.		3
148	Drift-resistant SNR scalable video coding. IEEE Transactions on Image Processing, 2006, 15, 2191-2197.	6.0	3
149	Source and channel coding trade-offs for a pulsed quality video encoder. , 2006, , .		3
150	Bitrate allocation for multiple video streams at competitive equilibria. , 2008, , .		3
151	Pricing-based decentralized rate allocation for multiple video streams. , 2009, , .		3
152	Prioritized packet fragmentation for H.264 video. , 2011, , .		3
153	Unequal error protection based on slice visibility for transmission of compressed video over OFDM channels. , 2011, , .		3
154	Optimization of generalized LT codes for progressive image transfer. , 2012, , .		3
155	Packet Loss Visibility of View+Depth Compressed Stereo 3D Video. , 2013, , .		3
156	Joint error-resilient video source coding and FEC code rate optimization for an AWGN channel. , 2016, , .		3
157	H.265/HEVC Video Coding Over Lossy Networks: Flexible or Fixed Mode in One CTU?. IEEE Access, 2018, 6, 71279-71284.	2.6	3
158	Deep Modulation Recognition in an Unknown Environment. , 2019, , .		3
159	End-to-End Blind Video Quality Assessment Based on Visual and Memory Attention Modeling. IEEE Transactions on Multimedia, 2023, 25, 5206-5221.	5.2	3
160	Depth-assisted error concealment for intra frame slices in 3D video. , 2012, , .		2
161	Frame loss visibility modeling of stereoscopic video for H.264/AVC-MVC. , 2012, , .		2
162	Spoofing optimization over Nakagami-m fading channels of a cognitive radio adversary. , 2013, , .		2

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163	Flexible methods for segmentation evaluation: Results from CT-based luggage screening. Journal of X-Ray Science and Technology, 2014, 22, 175-195.	0.7	2
164	Primal sketch based adaptive perceptual JND model for digital watermarking. , 2014, , .		2
165	Multiview coding and error correction coding for 3D video over noisy channels. Signal Processing: Image Communication, 2015, 30, 107-120.	1.8	2
166	Resource Allocation for Multicarrier D2D Video Transmission Based on Exact Symbol Error Rate. , 2016, , .		2
167	Spatially scalable video broadcasting in multiple antenna systems. , 2016, , .		2
168	Syndecan defines precise spindle orientation by modulating Wnt signaling in <i>C. elegans</i> . Journal of Cell Science, 2014, 127, e1-e1.	1.2	2
169	Quality Evaluation for Compressed Medical Images: Fundamentals. , 1994, , 917-933.		1
170	n-Channel Symmetric Motion-Compensated Multiple Description Coding for Video Communications over OFDM Networks. , 2006, , .		1
171	Channel Coding for Progressive Multimedia in a 2-D Time-Frequency Block of an OFDM System. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	1
172	Automated Detection and Analysis of Foraging Behavior in <i>C. elegans</i> . , 2008, , .		1
173	Buffer constrained rate control for low bitrate dual-frame video coding. , 2008, , .		1
174	Perceptual impact of burthy versus isolated packet losses in H.264 compressed video. , 2008, , .		1
175	Frequency Band Coding Mode Selection for Key Frames of Wyner-Ziv Video Coding. , 2009, , .		1
176	Motion-Compensated Scalable Video Transmission over MIMO Wireless Channels under Imperfect Channel Estimation. , 2009, , .		1
177	Perceptual video quality optimization in AWGN channel using low complexity channel code rate allocation. , 2009, , .		1
178	Subcarrier mapping based on slice visibility for video transmission over OFDM channels. , 2012, , .		1
179	Minimization of Expected Distortion with Layer-Selective Relaying of Two-Layer Superposition Coding. , 2013, , .		1
180	Optimized receiver design for decode-and-forward relays using hierarchical modulation. , 2013, , .		1

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181	Joint source-channel rate-distortion optimization with motion information sharing for H.264/AVC video-plus-depth coding. , 2014, , .		1
182	Study of finger force variability for physical therapists and untrained subjects. , 2014, , .		1
183	Binocular suppression based visual masking model for stereo image watermarking. , 2015, , .		1
184	Delay allocation between source buffering and interleaving for wireless video. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	1
185	Sparsity regularized Principal Component Pursuit. , 2017, , .		1
186	JOINT PARTIAL-TIME PARTIAL-BAND JAMMING OF A MULTICARRIER DS-CDMA SYSTEM IN A FADING ENVIRONMENT. , 2018, , .		1
187	Energy Optimization for Incremental Redundancy Hybrid-ARQ. , 2019, , .		1
188	Optimal Sensing Disruption: A Generalized Framework for a Power-Limited Adversary. IEEE Transactions on Communications, 2019, 67, 1341-1355.	4.9	1
189	Work in Progress: Institutional Context and the Implementation of the Redshirt in Engineering Model at Six Universities. , 0, , .		1
190	Quality Evaluation for Compressed Medical Images: Diagnostic Accuracy. , 2000, , 821-839.		0
191	Quality Evaluation for Compressed Medical Images: Diagnostic Accuracy. , 2009, , 944-962.		0
192	Adaptive rate control for Wyner-Ziv video coding. , 2012, , .		0
193	Evaluation of Segmentation Algorithms in CT Scanning. , 2012, , .		0
194	Optimal sensing-deception strategy with fading in cognitive radio networks. , 2012, , .		0
195	Progressive Bitstream Optimization in MIMO Channels Based on a Comparison between OSTBC and SM. , 2013, , .		0
196	Metal artifact reduction for CT-based luggage screening. , 2014, , .		0
197	Adaptive edge masking based on TV decomposition and adjacent similarity for digital watermarking. , 2015, , .		0
198	Scalable multimedia optimization in MIMO systems. , 2015, , .		0

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199	Image registration robust to sparse large errors. , 2015, 2015, 1975-80.		0
200	Repeatability and steadiness of fingertip force using depth feedback. , 2016, , .		0
201	Video cognitive radio networks for tactical scenarios. , 2016, , .		0
202	Energy optimization for hybrid-ARQ and AMC. , 2017, , .		0
203	On Uplink Channel Estimation in WiMAX Systems. International Journal of Mobile Computing and Multimedia Communications, 2010, 2, 67-77.	0.4	0
204	SSIM-Based End-to-End Distortion Modeling for H.264 Video Coding. Lecture Notes in Computer Science, 2012, , 117-128.	1.0	0
205	On Uplink Channel Estimation in WiMAX Systems. , 2012, , 103-111.		0
206	Perceptual Asymmetric Video Coding for 3D-HEVC. Lecture Notes in Computer Science, 2016, , 498-507.	1.0	0
207	Board 105: The Redshirt in Engineering Consortium: Progress and Early Insights. , 0, , .		0