

Ahmet M Tekalp

List of Publications by Year in descending order

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233
papers

8,776
citations

50170

46
h-index

56606

83
g-index

239
all docs

239
docs citations

239
times ranked

4189
citing authors

#	ARTICLE	IF	CITATIONS
1	Lossless generalized-LSB data embedding. IEEE Transactions on Image Processing, 2005, 14, 253-266.	6.0	952
2	Automatic soccer video analysis and summarization. IEEE Transactions on Image Processing, 2003, 12, 796-807.	6.0	683
3	Superresolution video reconstruction with arbitrary sampling lattices and nonzero aperture time. IEEE Transactions on Image Processing, 1997, 6, 1064-1076.	6.0	392
4	Hierarchical watermarking for secure image authentication with localization. IEEE Transactions on Image Processing, 2002, 11, 585-595.	6.0	307
5	Lossless watermarking for image authentication: a new framework and an implementation. IEEE Transactions on Image Processing, 2006, 15, 1042-1049.	6.0	236
6	An Optimization Framework for QoS-Enabled Adaptive Video Streaming Over OpenFlow Networks. IEEE Transactions on Multimedia, 2013, 15, 710-715.	5.2	190
7	Frontal-view face detection and facial feature extraction using color, shape and symmetry based cost functions. Pattern Recognition Letters, 1998, 19, 669-680.	2.6	172
8	Identification of image and blur parameters for the restoration of noncausal blurs. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1986, 34, 963-972.	2.0	164
9	Distributed QoS Architectures for Multimedia Streaming Over Software Defined Networks. IEEE Transactions on Multimedia, 2014, 16, 1597-1609.	5.2	148
10	Audiovisual Synchronization and Fusion Using Canonical Correlation Analysis. IEEE Transactions on Multimedia, 2007, 9, 1396-1403.	5.2	144
11	Face and 2-D mesh animation in MPEG-4. Signal Processing: Image Communication, 2000, 15, 387-421.	1.8	142
12	Simultaneous motion estimation and segmentation. IEEE Transactions on Image Processing, 1997, 6, 1326-1333.	6.0	140
13	Adaptive motion-compensated filtering of noisy image sequences. IEEE Transactions on Circuits and Systems for Video Technology, 1993, 3, 277-290.	5.6	138
14	Blur identification using the bispectrum. IEEE Transactions on Signal Processing, 1991, 39, 2323-2325.	3.2	125
15	Robust color histogram descriptors for video segment retrieval and identification. IEEE Transactions on Image Processing, 2002, 11, 497-508.	6.0	123
16	Performance Measures for Video Object Segmentation and Tracking. IEEE Transactions on Image Processing, 2004, 13, 937-951.	6.0	121
17	Client-Driven Selective Streaming of Multiview Video for Interactive 3DTV. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 1558-1565.	5.6	109
18	Discriminative Analysis of Lip Motion Features for Speaker Identification and Speech-Reading. IEEE Transactions on Image Processing, 2006, 15, 2879-2891.	6.0	100

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19	Robust, object-based high-resolution image reconstruction from low-resolution video. IEEE Transactions on Image Processing, 1997, 6, 1446-1451.	6.0	98
20	Efficient multiframe Wiener restoration of blurred and noisy image sequences. IEEE Transactions on Image Processing, 1992, 1, 453-476.	6.0	97
21	Temporal video segmentation using unsupervised clustering and semantic object tracking. Journal of Electronic Imaging, 1998, 7, 592.	0.5	95
22	Robust watermarking of fingerprint images. Pattern Recognition, 2002, 35, 2739-2747.	5.1	86
23	Fusion of color and edge information for improved segmentation and edge linking. Image and Vision Computing, 1997, 15, 769-780.	2.7	83
24	Two-stage hierarchical video summary extraction to match low-level user browsing preferences. IEEE Transactions on Multimedia, 2003, 5, 244-256.	5.2	82
25	POCS-based restoration of space-varying blurred images. IEEE Transactions on Image Processing, 1994, 3, 450-454.	6.0	81
26	Estimation and identification of two-dimensional images. IEEE Transactions on Automatic Control, 1983, 28, 745-756.	3.6	80
27	Maximum likelihood parametric blur identification based on a continuous spatial domain model. IEEE Transactions on Image Processing, 1992, 1, 496-504.	6.0	80
28	Evaluation of Asymmetric Stereo Video Coding and Rate Scaling for Adaptive 3D Video Streaming. IEEE Transactions on Broadcasting, 2011, 57, 593-601.	2.5	79
29	Occlusion-adaptive, content-based mesh design and forward tracking. IEEE Transactions on Image Processing, 1997, 6, 1270-1280.	6.0	72
30	Automatic Image Annotation Using Adaptive Color Classification. Graphical Models, 1996, 58, 115-126.	1.4	71
31	Motion segmentation by multistage affine classification. IEEE Transactions on Image Processing, 1997, 6, 1591-1594.	6.0	70
32	Automatic Vehicle Counting from Video for Traffic Flow Analysis. Intelligent Vehicles Symposium, 2009 IEEE, 2007, , .	0.0	69
33	Higher-order spectrum factorization in one and two dimensions with applications in signal modeling and nonminimum phase system identification. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1989, 37, 1537-1549.	2.0	68
34	Edge-adaptive Kalman filtering for image restoration with ringing suppression. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1989, 37, 892-899.	2.0	66
35	Scalable video streaming over OpenFlow networks: An optimization framework for QoS routing. , 2011, , .		66
36	Tracking Motion and Intensity Variations Using Hierarchical 2-D Mesh Modeling for Synthetic Object Transfiguration. Graphical Models, 1996, 58, 553-573.	1.4	63

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37	Adaptive image restoration with artifact suppression using the theory of convex projections. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1990, 38, 181-185.	2.0	61
38	Multimodal speaker identification using an adaptive classifier cascade based on modality reliability. IEEE Transactions on Multimedia, 2005, 7, 840-852.	5.2	60
39	Transport Methods in 3DTV—A Survey. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 1622-1630.	5.6	60
40	3-D motion estimation and wireframe adaptation including photometric effects for model-based coding of facial image sequences. IEEE Transactions on Circuits and Systems for Video Technology, 1994, 4, 246-256.	5.6	59
41	Analysis of Head Gesture and Prosody Patterns for Prosody-Driven Head-Gesture Animation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1330-1345.	9.7	59
42	Closed-form connectivity-preserving solutions for motion compensation using 2-D meshes. IEEE Transactions on Image Processing, 1997, 6, 1255-1269.	6.0	57
43	Partial shape recognition by sub-matrix matching for partial matching guided image labeling. Pattern Recognition, 2005, 38, 1560-1573.	5.1	56
44	Tracking visible boundary of objects using occlusion adaptive motion snake. IEEE Transactions on Image Processing, 2000, 9, 2051-2060.	6.0	54
45	Stochastic kinematic modeling and feature extraction for gait analysis. IEEE Transactions on Image Processing, 2003, 12, 962-976.	6.0	54
46	Hierarchical 2-D mesh representation, tracking, and compression for object-based video. IEEE Transactions on Circuits and Systems for Video Technology, 1999, 9, 353-369.	5.6	52
47	A QoS-enabled OpenFlow environment for Scalable Video streaming. , 2010, , .		52
48	A Flexible Multiple Description Coding Framework for Adaptive Peer-to-Peer Video Streaming. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 231-245.	7.3	51
49	Multimodal speaker/speech recognition using lip motion, lip texture and audio. Signal Processing, 2006, 86, 3549-3558.	2.1	50
50	Image restoration with multiplicative noise: incorporating the sensor nonlinearity. IEEE Transactions on Signal Processing, 1991, 39, 2132-2136.	3.2	48
51	Shape similarity matching for query-by-example. Pattern Recognition, 1998, 31, 931-944.	5.1	48
52	Robust methods for high-quality stills from interlaced video in the presence of dominant motion. IEEE Transactions on Circuits and Systems for Video Technology, 1997, 7, 328-342.	5.6	45
53	Flexible Transport of 3-D Video Over Networks. Proceedings of the IEEE, 2011, 99, 694-707.	16.4	45
54	Video object tracking with feedback of performance measures. IEEE Transactions on Circuits and Systems for Video Technology, 2003, 13, 310-324.	5.6	44

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55	Scalable Multi-View Video Coding for Interactive 3DTV. , 2006, , .		44
56	Quality assessment of asymmetric stereo video coding. , 2010, , .		44
57	Learn2Dance: Learning Statistical Music-to-Dance Mappings for Choreography Synthesis. IEEE Transactions on Multimedia, 2012, 14, 747-759.	5.2	42
58	End-to-end color printer calibration by total least squares regression. IEEE Transactions on Image Processing, 1999, 8, 700-716.	6.0	41
59	Book Rvw, <bold>Wavelet Image and Video Compression</bold>, by Pankaj N. Topiwala, Ed.. Journal of Electronic Imaging, 2000, 9, 234.	0.5	41
60	On statistical identification of a class of linear space-invariant image blurs using non-minimum-phase ARMA models. IEEE Transactions on Acoustics, Speech, and Signal Processing, 1988, 36, 1360-1363.	2.0	38
61	Error Characterization of the Factorization Method. Computer Vision and Image Understanding, 2001, 82, 110-137.	3.0	37
62	A new motion-compensated reduced-order model Kalman filter for space-varying restoration of progressive and interlaced video. IEEE Transactions on Image Processing, 1998, 7, 543-554.	6.0	35
63	Integration of color, edge, shape, and texture features for automatic region-based image annotation and retrieval. Journal of Electronic Imaging, 1998, 7, 684.	0.5	35
64	Dynamic Control Plane for SDN at Scale. IEEE Journal on Selected Areas in Communications, 2018, 36, 2688-2701.	9.7	35
65	Quantitative analysis of artifacts in linear space-invariant image restoration. Multidimensional Systems and Signal Processing, 1990, 1, 143-177.	1.7	33
66	Temporal segmentation of video objects for hierarchical object-based motion description. IEEE Transactions on Image Processing, 2002, 11, 135-145.	6.0	33
67	Interactive transport of multi-view videos for 3DTV applications. Journal of Zhejiang University: Science A, 2006, 7, 830-836.	1.3	33
68	<title>Multiscale content extraction and representation for video indexing</title>. , 1997, 3229, 23.		32
69	Correction of periodic motion artifacts along the slice selection axis in MRI. IEEE Transactions on Medical Imaging, 1990, 9, 310-317.	5.4	30
70	Collusion-Resilient Fingerprinting by Random Pre-Warping. IEEE Signal Processing Letters, 2004, 11, 831-835.	2.1	29
71	Integrated Semantic"Syntactic Video Modeling for Search and Browsing. IEEE Transactions on Multimedia, 2004, 6, 839-851.	5.2	29
72	Compete or Collaborate: Architectures for Collaborative DASH Video Over Future Networks. IEEE Transactions on Multimedia, 2017, 19, 2152-2165.	5.2	29

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73	<title>Localized lossless authentication watermark (LAW)</title>. , 2003, , .		28
74	3DTV over IP. IEEE Signal Processing Magazine, 2007, 24, 77-87.	4.6	28
75	End-to-end stereoscopic video streaming with content-adaptive rate and format control. Signal Processing: Image Communication, 2007, 22, 157-168.	1.8	28
76	Multichannel image modeling and Kalman filtering for multispectral image restoration. Signal Processing, 1990, 19, 221-232.	2.1	27
77	Local Image Registration by Adaptive Filtering. IEEE Transactions on Image Processing, 2006, 15, 3053-3065.	6.0	26
78	Rate Allocation Between Views in Scalable Stereo Video Coding using an Objective Stereo Video Quality Measure. , 2007, , .		26
79	Cross-layer optimized rate adaptation and scheduling for multiple-user wireless video streaming. IEEE Journal on Selected Areas in Communications, 2007, 25, 760-769.	9.7	26
80	Semi-automatic video object segmentation in the presence of occlusion. IEEE Transactions on Circuits and Systems for Video Technology, 2000, 10, 624-629.	5.6	25
81	Automatic Soccer Video Analysis and Summarization. , 2003, , .		25
82	<title>Object-based indexing of MPEG-4 compressed video</title>. , 1997, 3024, 953.		24
83	Two-dimensional object-based coding using a content-based mesh and affine motion parameterization. , 0, , .		23
84	Video streaming over wireless DCCP. , 2008, , .		22
85	Bandwidth-aware multiple multicast tree formation for P2P scalable video streaming using hierarchical clusters. , 2009, , .		22
86	SVC-based scalable multiple description video coding and optimization of encoding configuration. Signal Processing: Image Communication, 2009, 24, 691-701.	1.8	22
87	Motion-Based Rate Adaptation in WebRTC Videoconferencing Using Scalable Video Coding. IEEE Transactions on Multimedia, 2019, 21, 429-441.	5.2	21
88	Universal image steganalysis using rate-distortion curves. , 2004, , .		20
89	End-to-End Rate-Distortion Optimized Learned Hierarchical Bi-Directional Video Compression. IEEE Transactions on Image Processing, 2022, 31, 974-983.	6.0	20
90	Guest editorial introduction to the special issue on image and video processing for digital libraries. IEEE Transactions on Image Processing, 2000, 9, 1-2.	6.0	19

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91	<title>Object-based video coding using forward-tracking 2D mesh layers</title>. , 1997, 3024, 699.		18
92	2-D mesh-based video object segmentation and tracking with occlusion resolution. Signal Processing: Image Communication, 2001, 16, 949-962.	1.8	18
93	<title>Video authentication with self-recovery</title>. , 2002, , .		18
94	Delay-Distortion Optimization for Content-Adaptive Video Streaming. IEEE Transactions on Multimedia, 2007, 9, 826-836.	5.2	18
95	Unequal inter-view rate allocation using scalable stereo video coding and an objective stereo video quality measure. , 2008, , .		18
96	Adaptive stereoscopic 3D video streaming. , 2010, , .		18
97	A distributed QoS routing architecture for scalable video streaming over multi-domain OpenFlow networks. , 2012, , .		18
98	Model-based segmentation and space-variant restoration of blurred images by decision-directed filtering. Signal Processing, 1988, 15, 259-269.	2.1	17
99	Object-based video manipulation and composition using 2D meshes in VRML. , 0, , .		17
100	<title>Analysis of feature-based geometry-invariant watermarking</title>. , 2001, , .		17
101	Semantics of multimedia in MPEG-7. , 0, , .		17
102	On the Computation of PSNR for a Set of Images or Video. , 2021, , .		17
103	<title>Hierarchical temporal video segmentation and content characterization</title>. , 1997, 3229, 46.		16
104	On the Tracking of Articulated and Occluded Video Object Motion. Real Time Imaging, 2001, 7, 415-432.	1.6	16
105	Pitch and Duration Modification for Speech Watermarking. , 0, , .		16
106	3D display dependent quality evaluation and rate allocation using scalable video coding. , 2009, , .		16
107	Dynamic management of control plane performance in software-defined networks. , 2016, , .		16
108	Linear bispectrum of signals and identification of nonminimum phase FIR systems driven by colored input. IEEE Transactions on Signal Processing, 1992, 40, 1469-1479.	3.2	15

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109	Probabilistic analysis and extraction of video content. , 1999, , .		15
110	Group-of-frames/pictures color histogram descriptors for multimedia applications. , 0, , .		15
111	Optimal 2-D hierarchical content-based mesh design and update for object-based video. IEEE Transactions on Circuits and Systems for Video Technology, 2000, 10, 1135-1153.	5.6	15
112	Feature extraction for the analysis of gait and human motion. , 0, , .		15
113	Effects of MGS fragmentation, slice mode and extraction strategies on the performance of SVC with medium-grained scalability. , 2010, , .		15
114	Distributed management of service-enabled flow-paths across multiple SDN domains. , 2015, , .		14
115	Dynamic Resource Allocation by Batch Optimization for Value-Added Video Services Over SDN. IEEE Transactions on Multimedia, 2018, 20, 3084-3096.	5.2	14
116	Gray-level-embedded lossless image compression. Signal Processing: Image Communication, 2003, 18, 443-454.	1.8	13
117	Object segmentation and labeling by learning from examples. IEEE Transactions on Image Processing, 2003, 12, 627-638.	6.0	13
118	A standards-based, flexible, end-to-end multi-view video streaming architecture. , 2007, , .		13
119	A Stochastic Framework for Rate-Distortion Optimized Video Coding Over Error-Prone Networks. IEEE Transactions on Image Processing, 2007, 16, 684-697.	6.0	13
120	Trifocal motion modeling for object-based video compression and manipulation. IEEE Transactions on Circuits and Systems for Video Technology, 1998, 8, 667-685.	5.6	12
121	Object-based image labeling through learning by example and multi-level segmentation. Pattern Recognition, 2003, 36, 1407-1423.	5.1	12
122	An audio-driven dancing avatar. Journal on Multimodal User Interfaces, 2008, 2, 93-103.	2.0	12
123	Adaptive Multiview Video Delivery Using Hybrid Networking. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1313-1325.	5.6	12
124	An improvement to MBASIC algorithm for 3-D motion and depth estimation. IEEE Transactions on Image Processing, 1994, 3, 711-716.	6.0	11
125	Digital video standards conversion in the presence of accelerated motion. Signal Processing: Image Communication, 1994, 6, 213-227.	1.8	11
126	An Analysis of Constant Bitrate and Constant PSNR Video Encoding for Wireless Networks. , 2006, , .		11

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127	Content-Aware Scalability-Type Selection for Rate Adaptation of Scalable Video. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.0	11
128	Variable chunk size and adaptive scheduling window for P2P streaming of scalable video. , 2012, , .		11
129	Video streaming over software defined networks with server load balancing. , 2015, , .		11
130	Out-of-plane motion compensation in multislice spin-echo MRI. IEEE Transactions on Medical Imaging, 1995, 14, 464-470.	5.4	10
131	Generic Event Detection in Sports Video using Cinematic Features. , 2003, , .		10
132	A New Scalable Multi-View Video Coding Configuration for Robust Selective Streaming of Free-Viewpoint TV. , 2007, , .		10
133	Adaptive Streaming Of Scalable Stereoscopic Video Over DCCP. , 2007, , .		10
134	Resilient peer-to-peer streaming of scalable video over hierarchical multicast trees with backup parent pools. Signal Processing: Image Communication, 2012, 27, 113-125.	1.8	10
135	Motion-Based Adaptive Streaming in WebRTC Using Spatio-Temporal Scalable VP9 Video Coding. , 2017, , .		10
136	2-D mesh tracking for synthetic transfiguration. , 0, , .		9
137	<title>Two-dimensional triangular mesh-based mosaicking for object tracking in the presence of occlusion</title>. , 1997, 3024, 328.		9
138	<title>Performance measures for video object segmentation and tracking</title>. , 2003, , .		9
139	Multi-Party WebRTC Services Using Delay and Bandwidth Aware SDN-Assisted IP Multicasting of Scalable Video Over 5G Networks. IEEE Transactions on Multimedia, 2020, 22, 1005-1015.	5.2	9
140	Flow compensation in MRI using a phase-corrected real reconstruction. Magnetic Resonance in Medicine, 1993, 30, 724-731.	1.9	8
141	Framework for tracking and analysis of soccer video. , 2002, , .		8
142	Dynamic learning from multiple examples for semantic object segmentation and search. Computer Vision and Image Understanding, 2004, 95, 334-353.	3.0	8
143	Adaptation strategies for streaming SVC video. , 2010, , .		8
144	SDN-enabled distributed open exchange: Dynamic QoS-path optimization in multi-operator services. Computer Networks, 2019, 162, 106845.	3.2	8

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145	Comparative study of some statistical and set-theoretic methods for image restoration. Graphical Models, 1991, 53, 108-120.	0.7	7
146	Tekalp-Erdem estimator gives the LS estimate for Fourier phase and log-Fourier modulus. IEEE Transactions on Signal Processing, 1993, 41, 1705-1707.	3.2	7
147	Fuzzy framework for unsupervised video content characterization and shot classification. Journal of Electronic Imaging, 2001, 10, 917.	0.5	7
148	Estimation and Analysis of Facial Animation Parameter Patterns. , 2007, , .		7
149	Optimization of encoding configuration in scalable multiple description coding for rate-adaptive P2P video multicasting. , 2009, , .		7
150	Adaptive streaming of multi-view video over P2P networks. Signal Processing: Image Communication, 2012, 27, 522-531.	1.8	7
151	Dynamic end-to-end service-level negotiation over multi-domain software defined networks. , 2016, , .		7
152	Queue-allocation optimization for adaptive video streaming over software defined networks with multiple service-levels. , 2016, , .		7
153	Robust reduced update Kalman filtering. IEEE Transactions on Circuits and Systems, 1990, 37, 155-156.	0.9	6
154	Two- versus three-dimensional object-based video compression. IEEE Transactions on Circuits and Systems for Video Technology, 1997, 7, 391-397.	5.6	6
155	Two-dimensional mesh-based mosaic representation for manipulation of video objects with occlusion. IEEE Transactions on Image Processing, 2000, 9, 1617-1630.	6.0	6
156	Adaptive Streaming of Scalable Stereoscopic Video Over DCCP. , 2007, , .		6
157	Adaptive multi-view video streaming over P2P networks considering quality of experience. , 2011, , .		6
158	Quality of experience aware adaptation strategies for multi-view video over P2P networks. , 2012, , .		6
159	Information-centric networking for multimedia, social and peer-to-peer communications. Transactions on Emerging Telecommunications Technologies, 2014, 25, 383-391.	2.6	6
160	End-to-End Rate-Distortion Optimization for Bi-Directional Learned Video Compression. , 2020, , .		6
161	<title>Hierarchical coding of 2D mesh geometry and motion</title>. , 1998, 3309, 863.		5
162	<title>Object-based motion description: from low-level features to semantics</title>. , 2001, , .		5

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163	Interactive optimization of 3D shape and 2D correspondence using multiple geometric constraints via POCS. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 562-569.	9.7	5
164	Speech-Driven Automatic Facial Expression Synthesis. , 2008, , .		5
165	Adaptation strategies for MGS scalable video streaming. Signal Processing: Image Communication, 2012, 27, 595-611.	1.8	5
166	DCT coding of nonrectangularly sampled images. IEEE Signal Processing Letters, 1994, 1, 131-133.	2.1	4
167	A hybrid video codec with block-based and mesh-based motion compensation modes. International Journal of Imaging Systems and Technology, 1998, 9, 248-256.	2.7	4
168	Performance analysis of a kinematic human motion model. , 0, , .		4
169	Bi-directional 2-D mesh representation for video object rendering, editing and superresolution in the presence of occlusion. Signal Processing: Image Communication, 2003, 18, 321-336.	1.8	4
170	Application-Layer QoS Fairness in Wireless Video Scheduling. , 2006, , .		4
171	Selective Streaming of Multi-View Video for Head-Tracking 3D Displays. , 2007, , .		4
172	Architectures for multi-threaded MVC-compliant multi-view video decoding and benchmark tests. Signal Processing: Image Communication, 2010, 25, 325-334.	1.8	4
173	Evaluation of adaptation methods for multi-view video. , 2012, , .		4
174	Editorial: Introduction to the Issue on Deep Learning for Image/Video Restoration and Compression. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 157-161.	7.3	4
175	Moving visual representations of video objects for content-based search and browsing. , 0, , .		3
176	<title>Editing cues for content-based analysis and summarization of motion pictures</title>. , 1997, 3312, 71.		3
177	Extraction of semantic description of events using Bayesian networks. , 0, , .		3
178	Video Segmentation. , 2005, , 471-489.		3
179	Rate-Distortion Optimal Video Transport Over IP Allowing Packets With Bit Errors. IEEE Transactions on Image Processing, 2007, 16, 1315-1326.	6.0	3
180	Scalable vs. multiple-description video coding for adaptive streaming over peer-to-peer networks. , 2013, , .		3

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181	Multi-Party WebRTC Videoconferencing Using Scalable Vp9 Video: From Best-Effort Over-The-Top To Managed Value-Added Services. , 2018, , .		3
182	Can learned frame prediction compete with block motion compensation for video coding?. Signal, Image and Video Processing, 2021, 15, 401-410.	1.7	3
183	Automatic, Anatomically Selective, Artifact-Free Enhancement Of Digital Chest Radiographs. Proceedings of SPIE, 1988, 0914, 364.	0.8	2
184	2-D mesh-based synthetic transfiguration of an object with occlusion. , 0, , .		2
185	<title>Scalable mesh-based interpolative coding of synthetic and natural image objects</title>. , 1997, , .		2
186	<title>Robust watermarking of busy images</title>. , 2001, 4314, 18.		2
187	<title>User preference matching for smart browsing of media contents</title>. , 2001, 4315, 330.		2
188	Integrated semantic-syntactic video event modeling for search and retrieval. , 0, , .		2
189	Local image registration: an adaptive filtering framework. , 2005, , .		2
190	Optimal Selection of Encoding Configuration for Scalable Video Coding. , 2007, , .		2
191	Rate-visual-distortion optimized extraction with Quality Layers for scalable coding of stereo videos. , 2008, , .		2
192	Video Segmentation. , 2009, , 141-173.		2
193	Quality Layers in scalable multi-view video coding. , 2009, , .		2
194	Special Issue on 3-D Media and Displays [Scanning the Issue]. Proceedings of the IEEE, 2011, 99, 536-539.	16.4	2
195	System architecture and emulator for multimedia streaming over multi-domain SDN. , 2015, , .		2
196	Effect of Training and Test Datasets on Image Restoration and Super-Resolution by Deep Learning. , 2018, , .		2
197	Shrinkage as Activation for Learned Image Compression. , 2020, , .		2
198	Realizing a Low-Power Head-Mounted Phase-Only Holographic Display by Light-Weight Compression. IEEE Transactions on Image Processing, 2020, 29, 4505-4515.	6.0	2

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199	Transmission of 3D Video Content. Signals and Communication Technology, 2019, , 195-221.	0.4	2
200	Modeling the effects of patient motion in MRI data acquisition. Magnetic Resonance in Medicine, 1994, 32, 546-547.	1.9	1
201	<title>Reconstruction of 3D affine and Euclidean mesh models from video</title>. , 1998, 3309, 820.		1
202	<title>Shape matching of partially occluded objects for image retrieval using hierarchical content description</title>. , 2001, , .		1
203	Performance evaluation of superreconstruction from video. , 2003, , .		1
204	Rate-Distortion Optimal Video Transport Over IP with Bit Errors. , 2006, , .		1
205	Hierarchical Representation and Coding of 3D Mesh Geometry. , 2006, , .		1
206	Multi-threaded architectures and benchmark tests for real-time multi-view video decoding. , 2009, , .		1
207	Viterbi-like joint optimization of stereo extraction for on-line rate adaptation in scalable multiview video coding. , 2010, , .		1
208	Energy efficient video decoding on multi-core devices. , 2011, , .		1
209	Distributed flow management for SDN domains. , 2015, , .		1
210	Managed video services over multi-domain software defined networks. , 2016, , .		1
211	Distributed-collaborative managed dash video services. , 2017, , .		1
212	Cross-Layer Scheduling with Content and Packet Priorities for Optimal Video Streaming over 1xEV-DO. Lecture Notes in Computer Science, 2006, , 76-83.	1.0	1
213	Special Issue Guest Editorial: Image Restoration and Reconstruction. Optical Engineering, 1990, 29, 391.	0.5	1
214	Deep Learning for Image/Video Restoration and Super-resolution. Foundations and Trends in Computer Graphics and Vision, 2022, 13, 1-110.	2.8	1
215	Adaptive regularized image restoration using the theory of convex projections. , 1987, , .		0
216	A single-layer perceptron to discriminate non-sinus beats in ambulatory ECG recordings. , 1992, , .		0

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217	The seventh MDSP workshop. Signal Processing, 1992, 28, 231-237.	2.1	0
218	Reconstruction of a three-dimensional volume from a motion-corrupted two-dimensional data set in magnetic resonance imaging. , 1993, , 293-306.		0
219	<title>Adaptive color rendering for images containing flesh-tone content</title>. , 1998, , .		0
220	<title>Semiautomatic video layering using 2D mesh tracking</title>. , 1998, 3309, 1020.		0
221	Comparative lip motion analysis for speaker identification. , 0, , .		0
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