C -C Jay Kuo

List of Publications by Year
in descending order

998	20,501	19608 61	22102 113
papers	citations	h-index	g-index

1017	1017	1017	11771
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Texture analysis and classification with tree-structured wavelet transform. IEEE Transactions on Image Processing, 1993, 2, 429-441.	6.0	1,127
2	Image database TID2013: Peculiarities, results and perspectives. Signal Processing: Image Communication, 2015, 30, 57-77.	1.8	783
3	Perceptual visual quality metrics: A survey. Journal of Visual Communication and Image Representation, 2011, 22, 297-312.	1.7	767
4	Synchronization Techniques for Orthogonal Frequency Division Multiple Access (OFDMA): A Tutorial Review. Proceedings of the IEEE, 2007, 95, 1394-1427.	16.4	575
5	Environmental Sound Recognition With Time–Frequency Audio Features. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 1142-1158.	3.8	475
6	Cooperative Communications in Resource-Constrained Wireless Networks. IEEE Signal Processing Magazine, 2007, 24, 47-57.	4.6	345
7	Audio content analysis for online audiovisual data segmentation and classification. IEEE Transactions on Speech and Audio Processing, 2001, 9, 441-457.	2.0	325
8	A new initialization technique for generalized Lloyd iteration. IEEE Signal Processing Letters, 1994, 1, 144-146.	2.1	291
9	Wavelet descriptor of planar curves: theory and applications. IEEE Transactions on Image Processing, 1996, 5, 56-70.	6.0	271
10	Design of integrated multimedia compression and encryption systems. IEEE Transactions on Multimedia, 2005, 7, 828-839.	5.2	266
11	Understanding convolutional neural networks with a mathematical model. Journal of Visual Communication and Image Representation, 2016, 41, 406-413.	1.7	255
12	Technologies for 3D mesh compression: A survey. Journal of Visual Communication and Image Representation, 2005, 16, 688-733.	1.7	253
13	Maximum-likelihood synchronization and channel estimation for OFDMA uplink transmissions. IEEE Transactions on Communications, 2006, 54, 726-736.	4.9	247
14	Image Splicing Localization using a Multi-task Fully Convolutional Network (MFCN). Journal of Visual Communication and Image Representation, 2018, 51, 201-209.	1.7	235
15	Rate Control for H.264 Video With Enhanced Rate and Distortion Models. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 517-529.	5.6	206
16	Enhancing Physical-Layer Secrecy in Multiantenna Wireless Systems: An Overview of Signal Processing Approaches. IEEE Signal Processing Magazine, 2013, 30, 29-40.	4.6	204
17	Multicell OFDMA Downlink Resource Allocation Using a Graphic Framework. IEEE Transactions on Vehicular Technology, 2009, 58, 3494-3507.	3.9	179
18	Fast motion vector estimation using multiresolution-spatio-temporal correlations. IEEE Transactions on Circuits and Systems for Video Technology, 1997, 7, 477-488.	5.6	172

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19	Image Quality Assessment Using Multi-Method Fusion. IEEE Transactions on Image Processing, 2013, 22, 1793-1807.	6.0	172
20	Review of Postprocessing Techniques for Compression Artifact Removal. Journal of Visual Communication and Image Representation, 1998, 9, 2-14.	1.7	158
21	Evaluating word embedding models: methods and experimental results. APSIPA Transactions on Signal and Information Processing, 2019, 8, .	2.6	158
22	A Graph Approach to Dynamic Fractional Frequency Reuse (FFR) in Multi-Cell OFDMA Networks. , 2009, , .		149
23	A Cognitive MAC Protocol Using Statistical Channel Allocation for Wireless Ad-Hoc Networks. , 2007, , .		144
24	A Generic Scheme for Progressive Point Cloud Coding. IEEE Transactions on Visualization and Computer Graphics, 2008, 14, 440-453.	2.9	140
25	Techniques for movie content analysis and skimming: tutorial and overview on video abstraction techniques. IEEE Signal Processing Magazine, 2006, 23, 79-89.	4.6	135
26	Geometry-guided progressive lossless 3D mesh coding with octree (OT) decomposition. ACM Transactions on Graphics, 2005, 24, 609-616.	4.9	128
27	Contextual-Based Image Inpainting: Infer, Match, and Translate. Lecture Notes in Computer Science, 2018, , 3-18.	1.0	124
28	MCL-JCV: A JND-based H.264/AVC video quality assessment dataset. , 2016, , .		123
29	Class-incremental Learning via Deep Model Consolidation. , 2020, , .		123
30	Enhanced Just Noticeable Difference Model for Images With Pattern Complexity. IEEE Transactions on Image Processing, 2017, 26, 2682-2693.	6.0	118
31	Optimized opportunistic multicast scheduling (OMS) over wireless cellular networks. IEEE Transactions on Wireless Communications, 2010, 9, 791-801.	6.1	115
32	Adaptive Resource Allocation for Multimedia QoS Management in Wireless Networks. IEEE Transactions on Vehicular Technology, 2004, 53, 547-558.	3.9	112
33	Wavelet-based digital image watermarking. Optics Express, 1998, 3, 491.	1.7	110
34	Spatial and Temporal Error Concealment Techniques for Video Transmission Over Noisy Channels. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 789-803.	5.6	109
35	Graph representation learning: a survey. APSIPA Transactions on Signal and Information Processing, 2020, 9, .	2.6	106
36	VideoSet: A large-scale compressed video quality dataset based on JND measurement. Journal of Visual Communication and Image Representation, 2017, 46, 292-302.	1.7	105

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37	Cooperative Communications and Networking. , 2010, , .		104
38	Where am I? Scene Recognition for Mobile Robots using Audio Features. , 2006, , .		103
39	A New Color Image Database TID2013: Innovations and Results. Lecture Notes in Computer Science, 2013, , 402-413.	1.0	103
40	Lifetime maximization for amplify-and-forward cooperative networks. IEEE Transactions on Wireless Communications, 2008, 7, 1800-1805.	6.1	100
41	4-Dimensional light-sheet microscopy to elucidate shear stress modulation of cardiac trabeculation. Journal of Clinical Investigation, 2016, 126, 1679-1690.	3.9	100
42	Interpretable convolutional neural networks via feedforward design. Journal of Visual Communication and Image Representation, 2019, 60, 346-359.	1.7	98
43	Quality-of-service mapping mechanism for packet video in differentiated services network. IEEE Transactions on Multimedia, 2001, 3, 219-231.	5.2	96
44	Rate control for low-bit-rate video via variable-encoding frame rates. IEEE Transactions on Circuits and Systems for Video Technology, 2001, 11, 512-521.	5.6	93
45	TCP over multihop 802.11 networks. , 2005, , .		90
46	Unsupervised Video Object Segmentation with Motion-Based Bilateral Networks. Lecture Notes in Computer Science, 2018, , 215-231.	1.0	86
47	Fractal estimation from noisy data via discrete fractional Gaussian noise (DFGN) and the Haar basis. IEEE Transactions on Signal Processing, 1993, 41, 3554-3562.	3.2	85
48	Fast Non-Local Means (NLM) Computation With Probabilistic Early Termination. IEEE Signal Processing Letters, 2010, 17, 277-280.	2.1	85
49	Iterative detection and frequency synchronization for OFDMA uplink transmissions. IEEE Transactions on Wireless Communications, 2007, 6, 629-639.	6.1	81
50	MCL-V: A streaming video quality assessment database. Journal of Visual Communication and Image Representation, 2015, 30, 1-9.	1.7	80
51	Deep convolutional neural network for latent fingerprint enhancement. Signal Processing: Image Communication, 2018, 60, 52-63.	1.8	80
52	Shape from shading with a linear triangular element surface model. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1993, 15, 815-822.	9.7	79
53	GC content around splice sites affects splicing through pre-mRNA secondary structures. BMC Genomics, 2011, 12, 90.	1.2	79
54	Environmental sound recognition: a survey. APSIPA Transactions on Signal and Information Processing, 2014, 3, .	2.6	79

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55	A cross-layer quality-of-service mapping architecture for video delivery in wireless networks. IEEE Journal on Selected Areas in Communications, 2003, 21, 1685-1698.	9.7	77
56	ECG-based biometrics using recurrent neural networks. , 2017, , .		76
57	Age Estimation via Grouping and Decision Fusion. IEEE Transactions on Information Forensics and Security, 2015, 10, 2408-2423.	4.5	74
58	Instance Embedding Transfer to Unsupervised Video Object Segmentation. , 2018, , .		74
59	Content-Based Movie Analysis and Indexing Based on AudioVisual Cues. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 1073-1085.	5.6	73
60	Shape from Shading with a Generalized Reflectance Map Model. Computer Vision and Image Understanding, 1997, 67, 143-160.	3.0	72
61	Adaptive Directional Total-Variation Model for Latent Fingerprint Segmentation. IEEE Transactions on Information Forensics and Security, 2013, 8, 1261-1273.	4.5	71
62	Structured learning algorithm for detection of nonobstructive and obstructive coronary plaque lesions from computed tomography angiography. Journal of Medical Imaging, 2015, 2, 014003.	0.8	71
63	A ParaBoost Method to Image Quality Assessment. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 107-121.	7.2	71
64	A Haar Wavelet Approach to Compressed Image Quality Measurement. Journal of Visual Communication and Image Representation, 2000, 11, 17-40.	1.7	69
65	<title>Efficient multimedia encryption via entropy codec design</title>. , 2001, , .		69
66	Subjective and Objective Video Quality Assessment of 3D Synthesized Views With Texture/Depth Compression Distortion. IEEE Transactions on Image Processing, 2015, 24, 4847-4861.	6.0	69
67	A multiscale error diffusion technique for digital halftoning. IEEE Transactions on Image Processing, 1997, 6, 483-490.	6.0	68
68	Deep Learning-Based Picture-Wise Just Noticeable Distortion Prediction Model for Image Compression. IEEE Transactions on Image Processing, 2020, 29, 641-656.	6.0	68
69	SBERT-WK: A Sentence Embedding Method by Dissecting BERT-Based Word Models. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2146-2157.	4.0	68
70	A new approach to image retrieval with hierarchical color clustering. IEEE Transactions on Circuits and Systems for Video Technology, 1998, 8, 628-643.	5.6	67
71	Texture roughness analysis and synthesis via extended self-similar (ESS) model. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1995, 17, 1043-1056.	9.7	65
72	<title>Color distribution analysis and quantization for image retrieval</title>. , 1996, 2670, 8.		65

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73	Robust Vehicle and Traffic Information Extraction for Highway Surveillance. Eurasip Journal on Advances in Signal Processing, 2005, 2005, 1.	1.0	65
74	On extended long short-term memory and dependent bidirectional recurrent neural network. Neurocomputing, 2019, 356, 151-161.	3.5	65
75	PointHop: An Explainable Machine Learning Method for Point Cloud Classification. IEEE Transactions on Multimedia, 2020, 22, 1744-1755.	5.2	65
76	Cardiac Light-Sheet Fluorescent Microscopy for Multi-Scale and Rapid Imaging of Architecture and Function. Scientific Reports, 2016, 6, 22489.	1.6	64
77	Extending self-similarity for fractional Brownian motion. IEEE Transactions on Signal Processing, 1994, 42, 3526-3530.	3.2	63
78	A method to quantify mechanobiologic forces during zebrafish cardiac development using 4-D light sheet imaging and computational modeling. PLoS Computational Biology, 2017, 13, e1005828.	1.5	63
79	Survey on securing data storage in the cloud. APSIPA Transactions on Signal and Information Processing, 2014, 3, .	2.6	62
80	Rate Control Optimization for Temporal-Layer Scalable Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1152-1162.	5.6	58
81	Image denoising of low-radiation dose coronary CT angiography by an adaptive block-matching 3D algorithm. Proceedings of SPIE, 2013, , .	0.8	58
82	Rate control for an embedded wavelet video coder. IEEE Transactions on Circuits and Systems for Video Technology, 1997, 7, 696-702.	5.6	56
83	Current Developments and Future Trends in Audio Authentication. IEEE MultiMedia, 2012, 19, 50-59.	1.5	56
84	Error-resilient coding of 3-D graphic models via adaptive mesh segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2001, 11, 860-873.	5.6	55
85	Moving cast shadow elimination for robust vehicle extraction based on 2D joint vehicle/shadow models. , 0, , .		55
86	Feature-Based Intra-/InterCoding Mode Selection for H.264/AVC. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 441-453.	5.6	55
87	The CNN as a Guided Multilayer RECOS Transform [Lecture Notes]. IEEE Signal Processing Magazine, 2017, 34, 81-89.	4.6	55
88	Bit Allocation for Spatial Scalability Coding of H.264/SVC With Dependent Rate-Distortion Analysis. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 967-981.	5.6	54
89	Visual quality assessment: recent developments, coding applications and future trends. APSIPA Transactions on Signal and Information Processing, 2013, 2, .	2.6	54
90	On data-driven Saak transform. Journal of Visual Communication and Image Representation, 2018, 50, 237-246.	1.7	54

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91	Environmental sound recognition: A survey. , 2013, , .		53
92	<title>Fast encryption methods for audiovisual data confidentiality</title>. , 2001, , .		51
93	A Graph-Based Approach to Multi-Cell OFDMA Downlink Resource Allocation. , 2008, , .		50
94	Regional Bit Allocation and Rate Distortion Optimization for Multiview Depth Video Coding With View Synthesis Distortion Model. IEEE Transactions on Image Processing, 2013, 22, 3497-3512.	6.0	50
95	Learning a Combined Model of Visual Saliency for Fixation Prediction. IEEE Transactions on Image Processing, 2016, 25, 1566-1579.	6.0	50
96	Statistical Study on Perceived JPEG Image Quality via MCL-JCI Dataset Construction and Analysis. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-9.	0.3	49
97	An improved method for 2-D self-similar image synthesis. IEEE Transactions on Image Processing, 1996, 5, 754-761.	6.0	48
98	WaveGuide: a joint wavelet-based image representation and description system. IEEE Transactions on Image Processing, 1999, 8, 1619-1629.	6.0	48
99	Cross-layer QoS Analysis of Opportunistic OFDM-TDMA and OFDMA Networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 657-666.	9.7	48
100	Improved image denoising with adaptive nonlocal means (ANL-means) algorithm. IEEE Transactions on Consumer Electronics, 2010, 56, 2623-2630.	3.0	46
101	Steganography in JPEG2000 compressed images. IEEE Transactions on Consumer Electronics, 2003, 49, 824-832.	3.0	45
102	MAI-Free MC-CDMA Systems Based on Hadamardâ€"Walsh Codes. IEEE Transactions on Signal Processing, 2006, 54, 3166-3179.	3.2	45
103	Steganalysis of QIM Steganography in Low-Bit-Rate Speech Signals. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1011-1022.	4.0	45
104	Environmental sound recognition using MP-based features. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	44
105	An efficient anonymous communication protocol for peer-to-peer applications over mobile ad-hoc networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 192-203.	9.7	43
106	Sequence-Based Prioritization of Nonsynonymous Single-Nucleotide Polymorphisms for the Study of Disease Mutations. American Journal of Human Genetics, 2007, 81, 346-360.	2.6	42
107	A fusion-based video quality assessment (fvqa) index. , 2014, , .		42
108	DefakeHop: A Light-Weight High-Performance Deepfake Detector. , 2021, , .		41

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109	Fast Mode Decision Based on Mode Adaptation. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 697-705.	5.6	40
110	A Distortion-Based Approach to Privacy-Preserving Metering in Smart Grids. IEEE Access, 2013, 1, 67-78.	2.6	40
111	Objective Video Quality Assessment Based on Perceptually Weighted Mean Squared Error. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1844-1855.	5.6	40
112	Surface reconstruction from photometric stereo images. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1993, 10, 855.	0.8	39
113	<title>Robust and efficient digital audio watermarking using audio content analysis</title>. , 2000, , .		39
114	Cross-Examination for Angle-Closure Glaucoma Feature Detection. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 343-354.	3.9	39
115	Image Quality Assessment Based on Local Linear Information and Distortion-Specific Compensation. IEEE Transactions on Image Processing, 2017, 26, 915-926.	6.0	39
116	A Coarse-to-Fine Indoor Layout Estimation (CFILE) Method. Lecture Notes in Computer Science, 2017, , 36-51.	1.0	39
117	Semantic Segmentation with Reverse Attention. , 2017, , .		39
118	Heuristic approach for generic audio data segmentation and annotation. , 1999, , .		38
119	A Region-Based H.263+ Codec and Its Rate Control for Low VBR Video. IEEE Transactions on Multimedia, 2004, 6, 489-500.	5.2	38
120	Internet Traffic Classification for Scalable QOS Provision. , 2006, , .		38
121	Security and privacy in online social networks: A survey. , 2011, , .		38
122	PixelHop: A successive subspace learning (SSL) method for object recognition. Journal of Visual Communication and Image Representation, 2020, 70, 102749.	1.7	38
123	A Local Relaxation Method for Solving Elliptic PDEs on Mesh-Connected Arrays. SIAM Journal on Scientific and Statistical Computing, 1987, 8, 550-573.	1.5	37
124	<title>Hierarchical system for content-based audio classification and retrieval</title>. , 1998, 3527, 398.		37
125	<title>Motion-compensated interpolation for low-bit-rate video quality enhancement</title>. , 1998, 3460, 277.		37
126	Joint temporal-spatial bit allocation for video coding with dependency. IEEE Transactions on Circuits and Systems for Video Technology, 2005, 15, 15-26.	5.6	37

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127	<title>Rate control using spline-interpolated R-D characteristics</title>. , 1996, , .		36
128	Fast H.264 Intra-prediction mode selection using joint spatial and transform domain features. Journal of Visual Communication and Image Representation, 2006, 17, 291-310.	1.7	36
129	A multi-metric fusion approach to visual quality assessment. , 2011, , .		36
130	Latent fingerprint segmentation with adaptive total variation model. , 2012, , .		36
131	Signal Processing Approaches to Secure Physical Layer Communications in Multi-Antenna Wireless Systems. Springer Briefs in Electrical and Computer Engineering, 2014, , .	0.3	36
132	Compressed image quality metric based on perceptually weighted distortion. IEEE Transactions on Image Processing, 2015, 24, 5594-5608.	6.0	35
133	Automated anterior segment OCT image analysis for Angle Closure Glaucoma mechanisms classification. Computer Methods and Programs in Biomedicine, 2016, 130, 65-75.	2.6	35
134	Video Content Analysis Using Multimodal Information. , 2003, , .		35
135	A deep learning approach to drone monitoring. , 2017, , .		34
136	Pixelhop++: A Small Successive-Subspace-Learning-Based (Ssl-Based) Model For Image Classification. , 2020, , .		34
137	An Integrated Approach to Image Watermarking and JPEG-2000 Compression. Journal of Signal Processing Systems, 2001, 27, 35-53.	1.0	32
138	Dynamic call admission control scheme for QoS priority handoff in multimedia cellular systems. , 0, , .		31
139	A robust technique for latent fingerprint image segmentation and enhancement. , 2008, , .		31
140	Robust MC-CDMA-Based Fingerprinting Against Time-Varying Collusion Attacks. IEEE Transactions on Information Forensics and Security, 2009, 4, 302-317.	4.5	31
141	Automatic Human Mocap Data Classification. IEEE Transactions on Multimedia, 2014, 16, 2191-2202.	5.2	31
142	Novel Rate-Quantization Model-Based Rate Control With Adaptive Initialization for Spatial Scalable Video Coding. IEEE Transactions on Industrial Electronics, 2012, 59, 1673-1684.	5.2	30
143	Lifetime Maximization for Amplify-and-Forward Cooperative Networks. , 2007, , .		29
144	Aging analysis in large-scale wireless sensor networks. Ad Hoc Networks, 2008, 6, 1117-1133.	3.4	29

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145	Relay-Assisted Decorrelating Multiuser Detector (RAD-MUD) for Cooperative CDMA Networks. IEEE Journal on Selected Areas in Communications, 2008, 26, 550-560.	9.7	29
146	Feature Oriented Progressive Lossless Mesh Coding. Computer Graphics Forum, 2010, 29, 2029-2038.	1.8	29
147	Show, Attend, and Translate: Unsupervised Image Translation With Self-Regularization and Attention. IEEE Transactions on Image Processing, 2019, 28, 4845-4856.	6.0	29
148	TCP-friendly Internet video streaming employing variable frame-rate encoding and interpolation. IEEE Transactions on Circuits and Systems for Video Technology, 2000, 10, 1164-1177.	5.6	28
149	Cross-Layer Interaction of TCP and Ad Hoc Routing Protocols in Multihop IEEE 802.11 Networks. IEEE Transactions on Mobile Computing, 2008, 7, 458-469.	3.9	28
150	Optimized Opportunistic Multicast Scheduling over Cellular Networks. , 2008, , .		28
151	Energy efficiency in data centers and cloud-based multimedia services: An overview and future directions. , 2010, , .		28
152	Two-Color Fourier Analysis of Iterative Algorithms for Elliptic Problems with Red/Black Ordering. SIAM Journal on Scientific and Statistical Computing, 1990, 11, 767-793.	1.5	27
153	Content-based classification and retrieval of audio. , 1998, , .		27
154	An approximately MAI-free multiaccess OFDM system in carrier frequency offset environment. IEEE Transactions on Signal Processing, 2005, 53, 4339-4353.	3.2	27
155	H.264/SVC Mode Decision Based on Optimal Stopping Theory. IEEE Transactions on Image Processing, 2012, 21, 2607-2618.	6.0	27
156	Multiphase segmentation using an implicit dual shape prior: Application to detection of left ventricle in cardiac MRI. Computer Vision and Image Understanding, 2013, 117, 1084-1094.	3.0	27
157	A Progressive View-Dependent Technique for Interactive 3-D Mesh Transmission. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 1249-1264.	5.6	26
158	Non-Rigid Ultrasound Image Registration Based on Intensity and Local Phase Information. Journal of Signal Processing Systems, 2009, 54, 33-43.	1.4	26
159	Sparse/DCT (S/DCT) Two-Layered Representation of Prediction Residuals for Video Coding. IEEE Transactions on Image Processing, 2013, 22, 2711-2722.	6.0	26
160	Fast tree-structured nearest neighbor encoding for vector quantization. IEEE Transactions on Image Processing, 1996, 5, 398-404.	6.0	25
161	Geometry-guided progressive lossless 3D mesh coding with octree (OT) decomposition. , 2005, , .		25
162	High-definition video coding with super-macroblocks. , 2007, 6508, 417.		25

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163	Prediction of Satisfied User Ratio for Compressed Video. , 2018, , .		25
164	Unsupervised Multi-Modal Neural Machine Translation. , 2019, , .		25
165	Real-time encoding frame rate control for H.263+ video over the Internet. Signal Processing: Image Communication, 1999, 15, 127-148.	1.8	24
166	Block-based image steganalysis: Algorithm and performance evaluation. Journal of Visual Communication and Image Representation, 2013, 24, 846-856.	1.7	24
167	Challenges in cloud based ingest and encoding for high quality streaming media. , 2015, , .		24
168	Personalized Group Recommender Systems for Location- and Event-Based Social Networks. ACM Transactions on Spatial Algorithms and Systems, 2016, 2, 1-29.	1.1	24
169	Measuring and Predicting Tag Importance for Image Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2423-2436.	9.7	24
170	Depth-Aware Stereo Video Retargeting. , 2018, , .		24
171	<title>Robust audio watermarking for copyright protection</title>. , 1999, , .		23
172	Robust video transmission over wideband wireless channel using space-time coded OFDM systems. , 2002, , .		23
173	Optimized mesh and texture multiplexing for progressive textured model transmission. , 2004, , .		23
174	TCP-Friendly Internet Video With Smooth and Fast Rate Adaptation and Network-Aware Error Control. IEEE Transactions on Circuits and Systems for Video Technology, 2004, 14, 256-268.	5.6	23
175	Enhanced Adaptive Frequency Hopping for Wireless Personal Area Networks in a Coexistence Environment. , 2007, , .		23
176	Decode-and-Forward Cooperative Relay with Multi-User Detection in Uplink CDMA Networks. , 2007, , .		23
177	Rate-Distortion Optimized Rate Control for Depth Map-Based 3-D Video Coding. IEEE Transactions on Image Processing, 2013, 22, 585-594.	6.0	23
178	Efficient Multiview Depth Coding Optimization Based on Allowable Depth Distortion in View Synthesis. IEEE Transactions on Image Processing, 2014, 23, 4879-4892.	6.0	23
179	Coexistence Wi-Fi MAC Design for Mitigating Interference Caused by Collocated Bluetooth. IEEE Transactions on Computers, 2015, 64, 342-352.	2.4	23
180	WemIQ: an accurate and robust isoform quantification method for RNA-seq data. Bioinformatics, 2015, 31, 878-885.	1.8	23

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181	Measure and Prediction of HEVC Perceptually Lossy/Lossless Boundary QP Values. , 2017, , .		23
182	Towards Visible and Thermal Drone Monitoring with Convolutional Neural Networks. APSIPA Transactions on Signal and Information Processing, 2019, 8, .	2.6	23
183	R-PointHop: A Green, Accurate, and Unsupervised Point Cloud Registration Method. IEEE Transactions on Image Processing, 2022, 31, 2710-2725.	6.0	23
184	On the Spectrum of a Family of Preconditioned Block Toeplitz Matrices. SIAM Journal on Scientific and Statistical Computing, 1992, 13, 948-966.	1.5	22
185	Rate-distortion optimized compression and view-dependent transmission of 3-D normal meshes. IEEE Transactions on Circuits and Systems for Video Technology, 2005, 15, 854-868.	5.6	22
186	Low-complexity video error concealment for mobile applications using OBMA. IEEE Transactions on Consumer Electronics, 2008, 54, 753-761.	3.0	22
187	Advanced Film Grain Noise Extraction and Synthesis for High-Definition Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1717-1729.	5.6	22
188	Low complexity algorithm for robust video frame rate up-conversion (FRUC) technique. IEEE Transactions on Consumer Electronics, 2009, 55, 220-228.	3.0	22
189	An Objective Quality of Experience (QoE) Assessment Index for Retargeted Images. , 2014, , .		22
190	Age group classification via structured fusion of uncertainty-driven shape features and selected surface features. , 2014, , .		22
191	Fast face detection on mobile devices by leveraging global and local facial characteristics. Signal Processing: Image Communication, 2019, 78, 1-8.	1.8	22
192	Shape from Shading with Perspective Projection. Computer Vision and Image Understanding, 1994, 59, 202-212.	3.0	22
193	Signal Extrapolation in Wavelet Subspaces. SIAM Journal of Scientific Computing, 1995, 16, 50-73.	1.3	21
194	A Robust Nonlinear Filtering Approach to Inverse Halftoning. Journal of Visual Communication and Image Representation, 2001, 12, 84-95.	1.7	21
195	Fragile speech watermarking based on exponential scale quantization for tamper detection. , 2002, , .		21
196	Improved priority access, bandwidth allocation and traffic scheduling for docsis cable networks. IEEE Transactions on Broadcasting, 2003, 49, 371-382.	2.5	21
197	High-fidelity multichannel audio coding with karhunen-loeve transform. IEEE Transactions on Speech and Audio Processing, 2003, 11, 365-380.	2.0	21
198	Inference of missing SNPs and information quantity measurements for haplotype blocks. Bioinformatics, 2005, 21, 2001-2007.	1.8	21

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199	Computationally Efficient Dynamic Code Assignment Schemes With Call Admission Control (DCA-CAC) for OVSF-CDMA Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 286-296.	3.9	21
200	Geometric feature‒based multimodal image registration of contrast‒enhanced cardiac CT with gated myocardial perfusion SPECT. Medical Physics, 2009, 36, 5467-5479.	1.6	21
201	Dynamic fractional frequency reuse (D‒FFR) for multicell OFDMA networks using a graph framework. Wireless Communications and Mobile Computing, 2013, 13, 12-27.	0.8	21
202	Gait recognition via GEI subspace projections and collaborative representation classification. Neurocomputing, 2018, 275, 1932-1945.	3.5	21
203	A Saak Transform Approach to Efficient, Scalable and Robust Handwritten Digits Recognition. , 2018, , .		21
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