

Chang-Hong Fu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Probability-Based Depth Intra-Mode Skipping Strategy and Novel VSO Metric for DMM Decision in 3D-HEVC. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 513-527.	8.3	34
2	Fast Motion and Disparity Estimation With Adaptive Search Range Adjustment in Stereoscopic Video Coding. IEEE Transactions on Broadcasting, 2012, 58, 24-33.	3.2	27
3	Multitarget Vital Signs Measurement With Chest Motion Imaging Based on MIMO Radar. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4735-4747.	4.6	26
4	Fast wedgelet pattern decision for DMM in 3D-HEVC. , 2015, , .		24
5	Efficient depth intra mode decision by reference pixels classification in 3D-HEVC. , 2015, , .		20
6	Efficient reverse-play algorithms for MPEG video with VCR support. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 19-30.	8.3	16
7	Quadtree decision for depth intra coding in 3D-HEVC by good feature. , 2016, , .		16
8	Fitness heart rate measurement using face videos. , 2017, , .		16
9	Iterative search strategy with selective bi-directional prediction for low complexity multiview video coding. Journal of Visual Communication and Image Representation, 2012, 23, 522-534.	2.8	14
10	Early determination of intra mode and segment-wise DC coding for depth map based on hierarchical coding structure in 3D-HEVC. , 2015, , .		14
11	Fast Depth Intra Coding Based on Decision Tree in 3D-HEVC. IEEE Access, 2019, 7, 173138-173147.	4.2	13
12	Efficient Depth Intra Frame Coding in 3D-HEVC by Corner Points. IEEE Transactions on Image Processing, 2021, 30, 1608-1622.	9.8	12
13	Fast iterative motion and disparity estimation algorithm for multiview video coding. , 2010, , .		11
14	Adaptive fast intra mode decision of depth map coding by Low Complexity RD-Cost in 3D-HEVC. , 2015, , .		11
15	Non-Contact Dual-Modality Emotion Recognition System by CW Radar and RGB Camera. IEEE Sensors Journal, 2021, 21, 23198-23212.	4.7	11
16	Non-contact Heart Rate Monitoring for Intensive Exercise Based on Singular Spectrum Analysis. , 2019, , .		10
17	New Architecture for MPEG Video Streaming System With Backward Playback Support. IEEE Transactions on Image Processing, 2007, 16, 2169-2183.	9.8	9
18	Early Intra Block Partition Decision for Depth Maps in 3D-HEVC. , 2018, , .		8

#	ARTICLE	IF	CITATIONS
19	A High Performance Lossless Bayer Image Compression Scheme. , 2007, , .		7
20	A Fast View-Temporal Prediction Algorithm for Stereoscopic Video Coding. , 2009, , .		5
21	Hybrid motion estimation scheme for secondary SP-frame coding using inter-frame correlation and FMO. Signal Processing: Image Communication, 2012, 27, 1-15.	3.2	5
22	Non-contact time varying heart rate monitoring in exercise by video camera. , 2015, , .		5
23	Efficient wedgelet pattern decision for depth modeling modes in three-dimensional high-efficiency video coding. Journal of Electronic Imaging, 2016, 25, 033023.	0.9	5
24	Early termination for fast intra mode decision in depth map coding using DIS-inheritance. Signal Processing: Image Communication, 2020, 80, 115644.	3.2	5
25	Overview of current development in depth map coding of 3D video and its future. IET Signal Processing, 2020, 14, 1-14.	1.5	5
26	Viewpoint switching in multiview videos using SP-frames. , 2008, , .		4
27	A new motion vector composition algorithm for fast-forward video playback in H.264. , 2010, , .		4
28	Single image super resolution based on sparse representation and adaptive dictionary selection. , 2014, , .		4
29	Depth modelling mode decision for depth intra coding via good feature. , 2017, , .		4
30	Multitarget Time-Varying Vocal Folds Vibration Detection Using MIMO FMCW Radar. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	4
31	Efficient reverse-play algorithm for MPEG video streaming with VCR functionality. , 0, , .		3
32	Fast motion and disparity estimation for multiview video coding. Frontiers of Computer Science, 2010, 4, 571-579.	0.6	3
33	An efficient motion vector composition algorithm for fast-forward playback in a video streaming system. Journal of Visual Communication and Image Representation, 2010, 21, 939-947.	2.8	3
34	Decision tree based sleep stage estimation from nocturnal audio signals. , 2017, , .		3
35	Kalman Filter and Cross-Multiply Algorithm With Adaptive DC Offset Removal. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	3
36	Macroblock-based reverse play algorithm for MPEG video streaming. , 0, , .		2

#	ARTICLE	IF	CITATIONS
37	Macroblock-Based Algorithm for Dual-Bitstream MPEG Video Streaming with VCR Functionalities. , 0, , .		2
38	Design and Analysis of an Energy-Efficient CSMA Protocol for Asynchronous Multiple-Packet Reception. IEEE Access, 2017, , 1-1.	4.2	2
39	Early merge mode decision for depth maps in 3D-HEVC. , 2017, , .		2
40	A Fast Algorithm for MVC Using HBP Prediction Structure. Dianzi Yu Xinxu Xuebao/Journal of Electronics and Information Technology, 2011, 33, 1955-1962.	0.1	2
41	Improved macroblock-based reverse play algorithm for MPEG video streaming. , 0, , .		1
42	Efficient Motion Estimation in H.264 Reverse Transcoding. , 2007, , .		1
43	An Efficient Combined Demosaicing and Zooming Algorithm for Digital Camera. , 2007, , .		1
44	A Simplified Dual-Bitstream MPEG Video Streaming System with VCR Functionalities. , 2007, , .		1
45	Reverse-play technique on compressed video across GOP boundaries. , 2008, , .		1
46	New frame type for view access in MVC. , 2010, , .		1
47	Hybrid motion estimation algorithm for secondary SP-frame coding based on inter-frame correlation. Electronics Letters, 2011, 47, 439.	1.0	1
48	Establishment of linkages across GOP boundaries for reverse playback on compressed video. Signal Processing: Image Communication, 2014, 29, 66-79.	3.2	1
49	Efficient algorithm for reverse playback in MPEG video streaming. , 0, , .		0
50	Fast iterative search for motion and disparity estimation in stereoscopic video coding. , 2011, , .		0
51	A New Dual-bitstream Video Streaming System with VCR Functionalities Using SP/SI-frames. Journal of Signal Processing Systems, 2011, 62, 403-414.	2.1	0
52	A fast stereoscopic video coding algorithm based on JMVM. Science China Information Sciences, 2011, 54, 1218-1226.	4.3	0
53	Novel CAVLC design for secondary SP-frame. , 2014, , .		0
54	Delay analysis of completely irrepressible sequences for mobile ad hoc networks. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
55	Two-Stage Method For Effective User-Guided Video Segmentation. , 2020, , .		0