

Jiangtao Wen

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

869
citations

858243

12
h-index

799663

21
g-index

61
all docs

61
docs citations

61
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Convolutional Residual Network for AV1 Intra in-Loop Filtering. , 2020, , .		4
2	SMER: a secure method of exchanging resources in heterogeneous internet of things. Frontiers of Computer Science, 2019, 13, 1198-1209.	1.6	14
3	Mid-depth Based Block Structure Determination for AV1. , 2019, , .		3
4	High Efficiency Light Field Compression via Virtual Reference and Hierarchical MV-HEVC. , 2019, , .		11
5	Hadamard Transform-Based Optimized HEVC Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 827-839.	5.6	10
6	Adaptive Intra Candidate Selection With Early Depth Decision for Fast Intra Prediction in HEVC. IEEE Signal Processing Letters, 2018, 25, 159-163.	2.1	24
7	A Deep Convolutional Network Based Supervised Coarse-to-Fine Algorithm for Optical Flow Measurement. , 2018, , .		1
8	Multi-Representations Encoding Framework for Adaptive Http Streaming. , 2018, , .		2
9	SATD Based Fast Intra Prediction for HEVC. , 2017, , .		3
10	Probabilistic Graphical Model Based Fast HEVC Inter Prediction. , 2017, , .		0
11	TCP-ACC: performance and analysis of an active congestion control algorithm for heterogeneous networks. Frontiers of Computer Science, 2017, 11, 1061-1074.	1.6	4
12	HEVC-based motion compensated joint temporal-spatial video denoising. , 2017, , .		2
13	A novel satd based fast intra prediction for HEVC. , 2017, , .		2
14	Optimized video coding for omnidirectional videos. , 2017, , .		17
15	Efficient Software HEVC to AVS2 Transcoding. Information (Switzerland), 2016, 7, 53.	1.7	4
16	A novel low delay in-loop filtering WPP process for parallel HEVC encoding. , 2016, , .		2
17	TCP-FIT: An improved TCP algorithm for heterogeneous networks. Journal of Network and Computer Applications, 2016, 71, 167-180.	5.8	15
18	Optimized HEVC encoding with complexity constraints. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Low lighting image enhancement using local maximum color value prior. Frontiers of Computer Science, 2016, 10, 147-156.	1.6	7
20	RETCP: A ratio estimation approach for data center incast applications. , 2015, , .		0
21	A pixel-based outlier-free motion estimation algorithm for scalable video quality enhancement. Frontiers of Computer Science, 2015, 9, 729-740.	1.6	3
22	DC-Vegas: A delay-based TCP congestion control algorithm for datacenter applications. Journal of Network and Computer Applications, 2015, 53, 103-114.	5.8	26
23	Improvement of re-sample template matching for lossless screen content video. , 2015, , .		0
24	Accelerating HEVC using heterogeneous platforms. Journal of Supercomputing, 2015, 71, 613-628.	2.4	14
25	TCP-ACC: An active congestion compensation TCP for wireless networks. , 2014, , .		1
26	Achieving TCP Reno friendliness in FAST TCP over wide area networks. , 2014, , .		2
27	The Application of Internet of Things in Social Network. , 2014, , .		2
28	Efficient File Communication via Deduplication over Networks with Manifest Feedback. IEEE Communications Letters, 2014, 18, 94-97.	2.5	2
29	Achieving high throughput and TCP Reno fairness in delay-based TCP over large networks. Frontiers of Computer Science, 2014, 8, 426-439.	1.6	19
30	TCP-FITDC: An adaptive approach to TCP incast avoidance for data center applications. , 2013, , .		3
31	CUBIC-FIT: A High Performance and TCP CUBIC Friendly Congestion Control Algorithm. IEEE Communications Letters, 2013, 17, 1664-1667.	2.5	28
32	Image Super-Resolution Via Analysis Sparse Prior. IEEE Signal Processing Letters, 2013, 20, 399-402.	2.1	23
33	Hysteresis Re-chunking Based Metadata Harnessing Deduplication of Disk Images. , 2013, , .		13
34	Compressive video sensing using non-linear mapping. , 2012, , .		2
35	High dynamic range video with synthesized gain control. , 2012, , .		0
36	THE INFORMATION RATE OF MODERN SPEECH AND ITS IMPLICATIONS FOR LANGUAGE EVOLUTION. , 2012, , .		2

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37	Bandwidth estimation and rate adaptation in HTTP streaming. , 2012, , .		19
38	Efficient Video Coding Using Legacy Algorithmic Approaches. IEEE Transactions on Multimedia, 2012, 14, 111-120.	5.2	5
39	Highly Scalable Parallel Arithmetic Coding on Multi-Core Processors Using LDPC Codes. IEEE Transactions on Communications, 2012, 60, 289-294.	4.9	4
40	HTTP streaming over an improved TCP congestion control algorithm. , 2011, , .		0
41	TCP-FIT: An improved TCP congestion control algorithm and its performance. , 2011, , .		48
42	Fast efficient algorithm for enhancement of low lighting video. , 2011, , .		137
43	Improved intra prediction for high definition video using localized horizontal spatial prediction. , 2010, , .		4
44	AN efficient algorithm for joint QP and quantization optimization for H.264/AVC. , 2010, , .		8
45	Macroblock level hybrid temporal-spatial prediction for H.264/AVC. , 2010, , .		3
46	Reconstruction of Sparse Binary Signals Using Compressive Sensing. , 2010, , .		0
47	Fast Rate Distortion Optimized Quantization for H.264/AVC. , 2010, , .		4
48	TCP-FIT — A novel TCP congestion control algorithm for wireless networks. , 2010, , .		4
49	Horizontal Spatial Prediction for High Dimension Intra Coding. , 2010, , .		4
50	Image Compression Using the DCT and Noiselets: A New Algorithm and Its Rate Distortion Performance. , 2010, , .		1
51	A Framework for Heuristic Scheduling for Parallel Processing on Multicore Architecture: A Case Study With Multiview Video Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1658-1666.	5.6	12
52	A format-compliant configurable encryption framework for access control of video. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 545-557.	5.6	162
53	Soft-input soft-output decoding of variable length codes. IEEE Transactions on Communications, 2002, 50, 689-692.	4.9	25
54	3G wireless multimedia: technologies and practical issues. Wireless Communications and Mobile Computing, 2002, 2, 563-572.	0.8	1

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55	Trellis-based R-D optimal quantization in H.263+. IEEE Transactions on Image Processing, 2000, 9, 1431-1434.	6.0	32
56	Structured prefix codes for quantized low-shape-parameter generalized Gaussian sources. IEEE Transactions on Information Theory, 1999, 45, 1307-1314.	1.5	18
57	Structured trees for lossless coding of quantized wavelet coefficients. , 0, , .		1
58	A class of reversible variable length codes for robust image and video coding. , 0, , .		52
59	Reversible variable length codes for robust image and video transmission. , 0, , .		14
60	A format-compliant configurable encryption framework for access control of multimedia. , 0, , .		29
61	Fast self-synchronous content scrambling by spatially shuffling codewords of compressed bitstreams. , 0, , .		16