

Zhemin Duan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

135
citations

1478505

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1372567

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26
all docs

26
docs citations

26
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Lossless Frame Memory Compression Using Pixel-Grain Prediction and Dynamic Order Entropy Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 223-235.	8.3	29
2	A new swarm-SVM-based fault diagnosis approach for switched current circuit by using kurtosis and entropy as a preprocessor. Analog Integrated Circuits and Signal Processing, 2014, 81, 289-297.	1.4	20
3	Cutting the Electricity Cost of Distributed Datacenters Through Smart Workload Dispatching. IEEE Communications Letters, 2013, 17, 2384-2387.	4.1	12
4	An efficient interpolation filter VLSI architecture for HEVC standard. , 2014, , .		11
5	Parallel Content-Aware Adaptive Quantization-Oriented Lossy Frame Memory Recompression for HEVC. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 958-971.	8.3	10
6	Accurate On-Chip Temperature Sensing for Multicore Processors Using Embedded Thermal Sensors. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2020, 28, 2328-2341.	3.1	10
7	Comparison of Different Virtual MIMO Detection Schemes for 3GPP LTE. , 2009, , .		8
8	On-Line Temperature Estimation for Noisy Thermal Sensors Using a Smoothing Filter-Based Kalman Predictor. Sensors, 2018, 18, 433.	3.8	8
9	New Method Based on Curvelet Transform for Image Denoising. , 2010, , .		4
10	A Fast Coding Unit Depth Decision Algorithm for HEVC Inter Prediction. , 2015, , .		3
11	Image super-resolution reconstruction based on fusion of K-SVD and semi-coupled dictionary learning. , 2016, , .		3
12	High-Resolution Thermal Maps Extraction of Multi-Core Processors Based on Convolutional Neural Networks. , 2019, , .		3
13	Research on Target Object Recognition Based on Transfer-Learning Convolutional SAE in Intelligent Urban Construction. IEEE Access, 2019, 7, 125357-125368.	4.2	2
14	GOP Level Quality Dependency Based Frame Level Rate Control Algorithm. , 2019, , .		2
15	All zero block detection for HEVC based on the quantization level of the maximum transform coefficient. Multimedia Tools and Applications, 2019, 78, 363-387.	3.9	2
16	Sub-Frame Layer Rate Distortion Optimization for High Efficiency Video Coding. IEEE Access, 2020, 8, 53116-53132.	4.2	2
17	An efficient all zero block detection algorithm based on frequency characteristics of DCT in HEVC. , 2015, , .		1
18	Complexity control for HEVC by visual saliency detection. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Image super-resolution using nonlocally centralized sparse representation and fields of experts priors. , 2017, , .		1
20	Fast thermal sensor allocation algorithms for overheating detection of real microprocessors. , 2017, , .		1
21	Saliency-based coding tree unit-level rate control for high-efficiency video coding. Journal of Electronic Imaging, 2018, 27, 1.	0.9	1
22	The Improved Algorithm of Sample Adaptive Offset Based on Visual Saliency. Frontiers in Artificial Intelligence and Applications, 2020, , .	0.3	1
23	Methods of Time Offset Estimation and Performance Evaluation of Synchronization for 3GPP LTE Downlink. , 2009, , .		0
24	Pixel-grain prediction and K-order UEG-rice entropy coding oriented lossless frame memory compression for motion estimation in HEVC. , 2015, , .		0
25	Image super-resolution reconstruction based on adaptive selection regularization parameter. , 2017, , .		0
26	Techniques for overheating detection and sensor allocation in a real dual-core processor. , 2017, , .		0