Jian Xiong

List of Publications by Year
in descending order

28 papers	965 citations	840776 11 h-index	713466 21 g-index
28 all docs	28 docs citations	28 times ranked	962 citing authors

#	Article	IF	Citations
1	Occupancy Map Guided Fast Video-Based Dynamic Point Cloud Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 813-825.	8.3	26
2	Encrypted Image Visual Security Index via Non-Local Recognizable Degree Evaluation. , 2022, , .		0
3	Robust automated graph regularized discriminative non-negative matrix factorization. Multimedia Tools and Applications, 2021, 80, 14867-14886.	3.9	4
4	Perceptual visual security assessment by fusing local and global feature similarity. Computers and Electrical Engineering, 2021, 91, 107071.	4.8	0
5	Rate Constrained Multiple-QP Optimization for HEVC. IEEE Transactions on Multimedia, 2020, 22, 1395-1406.	7.2	5
6	Object-Level Trajectories Based Fine-Grained Action Recognition in Visual IoT Applications. IEEE Access, 2019, 7, 103629-103638.	4.2	11
7	Joint Optimization of Transform and Quantization for High Efficiency Video Coding. IEEE Access, 2019, 7, 62534-62544.	4.2	6
8	Periodic Enhanced Frame Based Long-Short-Term Reference in HEVC for Conference and Surveillance Video Coding. IEEE Access, 2019, 7, 46422-46433.	4.2	1
9	Deep Learning for Risk Detection and Trajectory Tracking at Construction Sites. IEEE Access, 2019, 7, 30905-30912.	4.2	52
10	Deep Learning-Aided OCR Techniques for Chinese Uppercase Characters in the Application of Internet of Things. IEEE Access, 2019, 7, 47043-47049.	4.2	19
11	HERO: Human Emotions Recognition for Realizing Intelligent Internet of Things. IEEE Access, 2019, 7, 24321-24332.	4.2	96
12	Cascaded Scheme for Sport Event Classification based on Object Level Motion Trajectory. , 2019, , .		0
13	Unsupervised Learning-Based Fast Beamforming Design for Downlink MIMO. IEEE Access, 2019, 7, 7599-7605.	4.2	170
14	MUSAI-$L_{1/2}$: MUltiple Sub-Wavelet-Dictionaries-Based Adaptively-Weighted Iterative Half Thresholding Algorithm for Compressive Imaging. IEEE Access, 2018, 6, 16795-16805.	4.2	27
15	Variable kernel‐based computing algorithms for estimating sparse multipath channels. International Journal of Communication Systems, 2018, 31, e3393.	2.5	1
16	Background Error Propagation Model Based RDO in HEVC for Surveillance and Conference Video Coding. IEEE Access, 2018, 6, 67206-67216.	4.2	17
17	Deep Learning-Based Unmanned Surveillance Systems for Observing Water Levels. IEEE Access, 2018, 6, 73561-73571.	4.2	74
18	SHAFA: sparse hybrid adaptive filtering algorithm to estimate channels in various SNR environments. IET Communications, 2018, 12, 1963-1967.	2.2	11

#	Article	IF	Citations
19	Sparse Adaptive Iteratively-Weighted Thresholding Algorithm (SAITA) for      L p     -Regularization Using the Multiple Sub-Dictionary Representation. Sensors, 2017, 17, 2920.	3.8	10
20	Hierarchical Gradient Similarity Based Video Quality Assessment Metric. Algorithms, 2017, 10, 72.	2.1	0
21	Fast HEVC Inter CU Decision Based on Latent SAD Estimation. IEEE Transactions on Multimedia, 2015, 17, 2147-2159.	7.2	72
22	Fast and efficient inter CU decision for high efficiency video coding. , 2014, , .		10
23	MRF-Based Fast HEVC Inter CU Decision With the Variance of Absolute Differences. IEEE Transactions on Multimedia, 2014, 16, 2141-2153.	7.2	101
24	A Segmentation-Based Chroma Intra Prediction Coding Scheme for H.264/AVC. Circuits, Systems, and Signal Processing, 2014, 33, 939-957.	2.0	0
25	A Fast HEVC Inter CU Selection Method Based on Pyramid Motion Divergence. IEEE Transactions on Multimedia, 2014, 16, 559-564.	7.2	236
26	A Novel Joint Rate Distortion Optimization Scheme for Intra Prediction Coding in H.264/AVC. IEICE Transactions on Information and Systems, 2014, E97.D, 989-992.	0.7	1
27	Fast coding unit selection method for high efficiency video coding intra prediction. Optical Engineering, 2013, 52, 071504.	1.0	8
28	Fast and efficient prediction unit size selection for HEVC intra prediction. , 2012, , .		7