

Yun-Qing Shi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

4,056
citations

26
h-index

63
g-index

78
ext. papers

5,059
ext. citations

3.5
avg, IF

6
L-index

#	Paper	IF	Citations
73	Reversible data hiding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 354-362	6.4	1441
72	Pairwise prediction-error expansion for efficient reversible data hiding. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 5010-21	8.7	336
71	. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 708-712	3.2	297
70	. <i>IEEE Access</i> , 2016 , 4, 3210-3237	3.5	291
69	Using Statistical Image Model for JPEG Steganography: Uniform Embedding Revisited. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 2669-2680	8	131
68	. <i>IEEE Transactions on Information Forensics and Security</i> , 2016 , 11, 2777-2789	8	119
67	Rate and Distortion Optimization for Reversible Data Hiding Using Multiple Histogram Shifting. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 315-326	10.2	105
66	Forensics feature analysis in quaternion wavelet domain for distinguishing photographic images and computer graphics. <i>Multimedia Tools and Applications</i> , 2017 , 76, 23721-23737	2.5	92
65	Reversible Image Data Hiding with Contrast Enhancement. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 81-85	3.2	88
64	A reversible data hiding method with contrast enhancement for medical images. <i>Journal of Visual Communication and Image Representation</i> , 2015 , 31, 146-153	2.7	85
63	An Effective Method for Detecting Double JPEG Compression With the Same Quantization Matrix. <i>IEEE Transactions on Information Forensics and Security</i> , 2014 , 9, 1933-1942	8	80
62	An integer wavelet transform based scheme for reversible data hiding in encrypted images. <i>Multidimensional Systems and Signal Processing</i> , 2018 , 29, 1191-1202	1.8	66
61	An Embedding Cost Learning Framework Using GAN. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 15, 839-851	8	62
60	Fractional Quaternion Zernike Moments for Robust Color Image Copy-Move Forgery Detection. <i>IEEE Access</i> , 2018 , 6, 56637-56646	3.5	57
59	New Channel Selection Rule for JPEG Steganography. <i>IEEE Transactions on Information Forensics and Security</i> , 2012 , 7, 1181-1191	8	56
58	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 4440-4452	6.4	51
57	Separable Reversible Data Hiding for Encrypted Palette Images With Color Partitioning and Flipping Verification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 1620-1631	6.4	48

56	Reversible Data Hiding Using Controlled Contrast Enhancement and Integer Wavelet Transform. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 2078-2082	3.2	47
55	Hybrid multiplicative multi-watermarking in DWT domain. <i>Multidimensional Systems and Signal Processing</i> , 2017 , 28, 617-636	1.8	42
54	A novel reversible data hiding method with image contrast enhancement. <i>Signal Processing: Image Communication</i> , 2018 , 62, 64-73	2.8	36
53	Quaternion pseudo-Zernike moments combining both of RGB information and depth information for color image splicing detection. <i>Journal of Visual Communication and Image Representation</i> , 2017 , 49, 283-290	2.7	36
52	Edge Perpendicular Binary Coding for USM Sharpening Detection. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 327-331	3.2	33
51	Fingerprint liveness detection using gradient-based texture features. <i>Signal, Image and Video Processing</i> , 2017 , 11, 381-388	1.6	33
50	Identifying Computer Generated Images Based on Quaternion Central Moments in Color Quaternion Wavelet Domain. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 2775-2785	6.4	30
49	Detecting median filtering via two-dimensional AR models of multiple filtered residuals. <i>Multimedia Tools and Applications</i> , 2018 , 77, 7931-7953	2.5	26
48	A New Distortion Function Design for JPEG Steganography Using the Generalized Uniform Embedding Strategy. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 3545-3549	6.4	26
47	Efficient JPEG Steganography Using Domain Transformation of Embedding Entropy. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 773-777	3.2	24
46	Quaternion Convolutional Neural Network for Color Image Classification and Forensics. <i>IEEE Access</i> , 2019 , 7, 20293-20301	3.5	23
45	Distinguishing Computer-Generated Graphics from Natural Images Based on Sensor Pattern Noise and Deep Learning. <i>Sensors</i> , 2018 , 18,	3.8	22
44	Detecting Double JPEG Compressed Color Images With the Same Quantization Matrix in Spherical Coordinates. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 2736-2749	6.4	20
43	High Precision Error Prediction Algorithm Based on Ridge Regression Predictor for Reversible Data Hiding. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 1125-1129	3.2	17
42	An efficient weak sharpening detection method for image forensics. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 50, 93-99	2.7	17
41	A Cover Selection HEVC Video Steganography Based on Intra Prediction Mode. <i>IEEE Access</i> , 2019 , 7, 119393-119402	3.3	16
40	A Study on the Security Levels of Spread-Spectrum Embedding Schemes in the WOA Framework. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2307-2320	10.2	13
39	A code division multiplexing and block classification-based real-time reversible data-hiding algorithm for medical images. <i>Journal of Real-Time Image Processing</i> , 2019 , 16, 857-869	1.9	12

38	A robust GAN-generated face detection method based on dual-color spaces and an improved Xception. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	12
37	Robust Reversible Watermarking in Encrypted Image with Secure Multi-party based on Lightweight Cryptography. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	11
36	Dynamic content selection-and-prediction framework applied to reversible data hiding 2016 ,		10
35	Detection of block DCT-based steganography in gray-scale images		9
34	Stereoscopic Image Description with Trinion Fractional-Order Continuous Orthogonal Moments. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	9
33	An Improved Splicing Localization Method by Fully Convolutional Networks. <i>IEEE Access</i> , 2018 , 6, 69472-69480	6.4	9
32	An effective method to detect seam carving. <i>Journal of Information Security and Applications</i> , 2017 , 35, 13-22	3.5	8
31	METEOR: Measurable Energy Map Toward the Estimation of Resampling Rate via a Convolutional Neural Network. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 4715-4727	6.4	8
30	New developments in color image tampering detection 2010 ,		8
29	Separable Data-Hiding Scheme for Encrypted Image to Protect Privacy of User in Cloud. <i>Symmetry</i> , 2019 , 11, 82	2.7	8
28	Detecting USM image sharpening by using CNN. <i>Signal Processing: Image Communication</i> , 2018 , 68, 258-268	6.4	8
27	Non-aligned double JPEG compression detection based on refined Markov features in QDCT domain. <i>Journal of Real-Time Image Processing</i> , 2020 , 17, 7-16	1.9	7
26	Minimum entropy and histogram-pair based JPEG image reversible data hiding. <i>Journal of Information Security and Applications</i> , 2019 , 45, 1-9	3.5	7
25	JPEG steganalysis with combined dense connected CNNs and SCA-GFR. <i>Multimedia Tools and Applications</i> , 2019 , 78, 8481-8495	2.5	7
24	A reversible data hiding algorithm for audio files based on code division multiplexing. <i>Multimedia Tools and Applications</i> , 2021 , 80, 17569-17581	2.5	7
23	Histogram-pair based reversible data hiding via searching for optimal four thresholds. <i>Journal of Information Security and Applications</i> , 2018 , 39, 58-67	3.5	5
22	A robust H.264/AVC video watermarking scheme with drift compensation. <i>Scientific World Journal, The</i> , 2014 , 2014, 802347	2.2	5
21	Real-time estimation for the parameters of Gaussian filtering via deep learning. <i>Journal of Real-Time Image Processing</i> , 2020 , 17, 17-27	1.9	5

20	Pixel-Value-Ordering Based Reversible Data Hiding with Adaptive Texture Classification and Modification. <i>Lecture Notes in Computer Science</i> , 2019 , 169-179	0.9	3
19	Dynamic multi-watermarking and detecting in DWT domain. <i>Journal of Real-Time Image Processing</i> , 2019 , 16, 565-576	1.9	3
18	Towards Automatic Embedding Cost Learning for JPEG Steganography 2019 ,		3
17	An Advanced Texture Analysis Method for Image Sharpening Detection. <i>Lecture Notes in Computer Science</i> , 2016 , 72-82	0.9	3
16	Smoothing identification for digital image forensics. <i>Multimedia Tools and Applications</i> , 2019 , 78, 8225-8245		3
15	Code Division Multiplexing and Machine Learning Based Reversible Data Hiding Scheme for Medical Image. <i>Security and Communication Networks</i> , 2019 , 2019, 1-9	1.9	3
14	A Hybrid Feature Model for Seam Carving Detection. <i>Lecture Notes in Computer Science</i> , 2017 , 77-89	0.9	2
13	Reinforcement Learning Aided Network Architecture Generation for JPEG Image Steganalysis 2020 ,		2
12	A Convolutional Neural Network Based Seam Carving Detection Scheme for Uncompressed Digital Images. <i>Lecture Notes in Computer Science</i> , 2019 , 3-13	0.9	1
11	Color image-spliced localization based on quaternion principal component analysis and quaternion skewness. <i>Journal of Information Security and Applications</i> , 2019 , 47, 353-362	3.5	1
10	Image Quality Assessment in Reversible Data Hiding with Contrast Enhancement. <i>Lecture Notes in Computer Science</i> , 2017 , 290-302	0.9	1
9	Dynamic bandwidth allocation for VBR video traffic based on scene change identification		1
8	Reversible Data Hiding by Median-Preserving Histogram Modification for Image Contrast Enhancement. <i>Lecture Notes in Computer Science</i> , 2015 , 289-301	0.9	1
7	Reversible Data Hiding in Halftone Images Based on Dynamic Embedding States Group. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 2631-2645	6.4	1
6	Dual-Domain Generative Adversarial Network for Digital Image Operation Anti-forensics. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	1
5	Deep Learning with Feature Reuse for JPEG Image Steganalysis 2018 ,		1
4	Detecting Non-Aligned Double JPEG Compression Based on Amplitude-Angle Feature. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-18	3.4	0
3	Medical image super-resolution via deep residual neural network in the shearlet domain. <i>Multimedia Tools and Applications</i> , 2021 , 80, 26637	2.5	0

- 2 A Multiple Linear Regression Based High-Accuracy Error Prediction Algorithm for Reversible Data Hiding. *Lecture Notes in Computer Science*, **2019**, 195-205 0.9
- 1 Comparison of DCT and Gabor Filters in Residual Extraction of CNN Based JPEG Steganalysis. *Lecture Notes in Computer Science*, **2019**, 29-39 0.9