Chuan Qin

List of Publications by Year
in descending order

75 papers	2,222 citations	279701 23 h-index	233338 45 g-index
78 all docs	78 docs citations	78 times ranked	1151 citing authors

#	Article	IF	Citations
1	An Inpainting-Assisted Reversible Steganographic Scheme Using a Histogram Shifting Mechanism. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1109-1118.	5.6	210
2	Effective reversible data hiding in encrypted image with privacy protection for image content. Journal of Visual Communication and Image Representation, 2015, 31, 154-164.	1.7	168
3	On the fault-tolerant performance for a class of robust image steganography. Signal Processing, 2018, 146, 99-111.	2.1	164
4	Reversible data hiding scheme based on exploiting modification direction with two steganographic images. Multimedia Tools and Applications, 2015, 74, 5861-5872.	2.6	147
5	Separable reversible data hiding in encrypted images via adaptive embedding strategy with block selection. Signal Processing, 2018, 153, 109-122.	2.1	122
6	Efficient reversible data hiding for VQ-compressed images based on index mapping mechanism. Signal Processing, 2013, 93, 2687-2695.	2.1	88
7	An efficient coding scheme for reversible data hiding in encrypted image with redundancy transfer. Information Sciences, 2019, 487, 176-192.	4.0	85
8	Effective reversible data hiding in encrypted image with adaptive encoding strategy. Information Sciences, 2019, 494, 21-36.	4.0	82
9	A novel image hashing scheme with perceptual robustness using block truncation coding. Information Sciences, 2016, 361-362, 84-99.	4.0	79
10	Perceptual image hashing via dual-cross pattern encoding and salient structure detection. Information Sciences, 2018, 423, 284-302.	4.0	67
11	Robust image hashing using non-uniform sampling in discrete Fourier domain. , 2013, 23, 578-585.		64
12	A New High Capacity Image Steganography Method Combined With Image Elliptic Curve Cryptography and Deep Neural Network. IEEE Access, 2020, 8, 25777-25788.	2.6	57
13	Reversible data hiding in VQ index table with lossless coding and adaptive switching mechanism. Signal Processing, 2016, 129, 48-55.	2.1	51
14	Reversible data hiding with differential compression in encrypted image. Multimedia Tools and Applications, 2019, 78, 9691-9715.	2.6	49
15	Multiple Robustness Enhancements for Image Adaptive Steganography in Lossy Channels. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2750-2764.	5.6	49
16	Detecting Image Splicing Based on Noise Level Inconsistency. Multimedia Tools and Applications, 2017, 76, 12457-12479.	2.6	48
17	Flexible Lossy Compression for Selective Encrypted Image With Image Inpainting. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3341-3355.	5.6	44
18	Perceptual image hashing with selective sampling for salient structure features. Displays, 2016, 45, 26-37.	2.0	42

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19	Guided filtering based color image reversible data hiding. Journal of Visual Communication and Image Representation, 2017, 43, 152-163.	1.7	42
20	Fragile image watermarking scheme based on VQ index sharing and self-embedding. Multimedia Tools and Applications, 2017, 76, 2267-2287.	2.6	41
21	Dither modulation based adaptive steganography resisting jpeg compression and statistic detection. Multimedia Tools and Applications, 2018, 77, 17913-17935.	2.6	39
22	Perceptual Image Hashing Based on Weber Local Binary Pattern and Color Angle Representation. IEEE Access, 2019, 7, 45460-45471.	2.6	34
23	Perceptual Image Hashing for Content Authentication Based on Convolutional Neural Network With Multiple Constraints. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4523-4537.	5.6	31
24	GAN-based spatial image steganography with cross feedback mechanism. Signal Processing, 2022, 190, 108341.	2.1	28
25	Robust image hashing with embedding vector variance of LLE. , 2015, 43, 17-27.		26
26	Separable reversible data hiding in encrypted images based on scalable blocks. Multimedia Tools and Applications, 2019, 78, 25349-25372.	2.6	22
27	Simultaneous inpainting for image structure and texture using anisotropic heat transfer model. Multimedia Tools and Applications, 2012, 56, 469-483.	2.6	20
28	High-Capacity Image Steganography Based on Improved FC-DenseNet. IEEE Access, 2020, 8, 170174-170182.	2.6	20
29	Reversible Data Hiding in Encrypted Image via Secret Sharing Based on $GF(p)$ and $GF(2^8)$. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1928-1941.	5.6	20
30	Compression of encrypted images with multi-layer decomposition. Multimedia Tools and Applications, 2014, 72, 489-502.	2.6	19
31	An adaptive reversible steganographic scheme based on the just noticeable distortion. Multimedia Tools and Applications, 2015, 74, 1983-1995.	2.6	17
32	High-Capacity Image Steganography Based on Improved Xception. Sensors, 2020, 20, 7253.	2.1	14
33	SteganoCNN: Image Steganography with Generalization Ability Based on Convolutional Neural Network. Entropy, 2020, 22, 1140.	1.1	14
34	Double linear regression prediction based reversible data hiding in encrypted images. Multimedia Tools and Applications, 2021, 80, 2141-2159.	2.6	14
35	Unified Performance Evaluation Method for Perceptual Image Hashing. IEEE Transactions on Information Forensics and Security, 2022, 17, 1404-1419.	4.5	14
36	Detection of Double-Compressed H.264/AVC Video Incorporating the Features of the String of Data Bits and Skip Macroblocks. Symmetry, 2017, 9, 313.	1.1	13

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37	An Improved Image Camouflage Technique Using Color Difference Channel Transformation and Optimal Prediction-Error Expansion. IEEE Access, 2018, 6, 40569-40584.	2.6	12
38	Adaptive and dynamic multi-grouping scheme for absolute moment block truncation coding. Multimedia Tools and Applications, 2019, 78, 7895-7909.	2.6	12
39	Adversarial steganography based on sparse cover enhancement. Journal of Visual Communication and Image Representation, 2021, 80, 103325.	1.7	12
40	Tampering Detection and Content Recovery for Digital Images Using Halftone Mechanism. , 2014, , .		10
41	Reversible visual transformation via exploring the correlations within color images. Journal of Visual Communication and Image Representation, 2018, 53, 134-145.	1.7	10
42	Shortening the Cover for Fast JPEG Steganography. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1745-1757.	5.6	10
43	New Advances of Privacy Protection and Multimedia Content Security for Big Data and Cloud Computing. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2018, 35, 1-3.	2.1	9
44	A real-time reversible image authentication method using uniform embedding strategy. Journal of Real-Time Image Processing, 2020, 17, 41-54.	2.2	8
45	Efficient Non-Targeted Attack for Deep Hashing Based Image Retrieval. IEEE Signal Processing Letters, 2021, 28, 1893-1897.	2.1	8
46	High-Capacity Reversible Data Hiding in Encrypted Images Based on Hierarchical Quad-Tree Coding and Multi-MSB Prediction. Electronics (Switzerland), 2021, 10, 664.	1.8	8
47	Direct Adversarial Attack on Stego Sandwiched Between Black Boxes. , 2019, , .		6
48	Adaptive image camouflage using human visual system model. Multimedia Tools and Applications, 2019, 78, 8311-8334.	2.6	6
49	StegoPNet: Image Steganography With Generalization Ability Based on Pyramid Pooling Module. IEEE Access, 2020, 8, 195253-195262.	2.6	6
50	Efficient image noise estimation based on skewness invariance and adaptive noise injection. IET Image Processing, 2020, 14, 1393-1401.	1.4	6
51	Feature-Preserving Tensor Voting Model for Mesh Steganalysis. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 57-67.	2.9	5
52	Adversarial Examples Detection Beyond Image Space. , 2021, , .		5
53	Ensemble Stego Selection for Enhancing Image Steganography. IEEE Signal Processing Letters, 2022, 29, 702-706.	2.1	5
54	Efficient reversible data hiding in encrypted binary image with Huffman encoding and weight prediction. Multimedia Tools and Applications, 2022, 81, 29347-29365.	2.6	5

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55	Separable Reversible Data Hiding in Encrypted VQ-Encoded Images. Security and Communication Networks, 2022, 2022, 1-16.	1.0	5
56	A Bandwidth-Tuning Device Based on Polymer-Packaged Fiber Bragg Grating. IEEE Photonics Technology Letters, 2011, 23, 1225-1227.	1.3	4
57	Signal-Dependent Noise Estimation for a Real-Camera Model via Weight and Shape Constraints. IEEE Transactions on Multimedia, 2022, 24, 640-654.	5.2	4
58	A Comprehensive Analysis Method for Reversible Data Hiding in Stream-Cipher-Encrypted Images. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7241-7254.	5.6	4
59	Layered image inpainting based on image decomposition. Journal of Shanghai University, 2007, 11, 580-584.	0.1	2
60	Single Image Super-Resolution via Sparse Representation in Gradient Domain. , 2011, , .		2
61	Efficient wet paper embedding for steganography with multilayer construction. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 441-447.	1.6	2
62	Guest Editorial: Multimedia Information Security and Its Applications in Cloud Computing. Multimedia Tools and Applications, 2018, 77, 17853-17859.	2.6	2
63	Special issue on real-time image watermarking and forensics in cloud computing. Journal of Real-Time Image Processing, 2019, 16, 559-563.	2.2	2
64	Perceptual Image Hashing Based on Multitask Neural Network. Security and Communication Networks, 2021, 2021, 1-11.	1.0	2
65	New Framework of Self-Embedding Fragile Watermarking Based on Reference Sharing Mechanism. Security and Communication Networks, 2022, 2022, 1-14.	1.0	2
66	Multiple Description Coding for Encrypted Images. , 2015, , .		1
67	Artificial Intelligence Oriented Information Hiding and Multimedia Forensics. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2021, 38, 1-4.	2.1	1
68	Privacy-preserving inpainting for outsourced image. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110590.	1.3	1
69	Secure Image Delivery Scheme Using Poisson Editing. , 2010, , .		0
70	Adaptive Secret Sharing for Color Images. International Journal of Computational Intelligence Systems, 2011, 4, 797-805.	1.6	0
71	Multi-planar Image Stitching Method Based on Structural Feature Matching. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2015, 32, 284-293.	2.1	0
72	Guest Editorial: Information Hiding and Forensics for Multimedia Security. Multimedia Tools and Applications, 2016, 75, 13421-13429.	2.6	0

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73	Ensemble Steganography. , 2018, , .		0
74	Additional articles of special issue on Real-time image watermarking and forensics in cloud computing. Journal of Real-Time Image Processing, 2019, 16, 811-812.	2.2	0
75	The Influence of the Vietnam Offshore Current and Kuroshio Intrusion on Net Community Production in the Oligotrophic South China Sea in Summer. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	0