Diqun Yan

List of Publications by Year
in descending order

49 papers	332 citations	1039880 9 h-index	996849 15 g-index
51 all docs	51 docs citations	51 times ranked	188 citing authors

#	Article	IF	Citations
1	Steganography for MP3 audio by exploiting the rule of window switching. Computers and Security, 2012, 31, 704-716.	4.0	29
2	Steganalysis of MP3Stego with low embedding-rate using Markov feature. Multimedia Tools and Applications, 2017, 76, 6143-6158.	2.6	25
3	Reversible Data Hiding for Audio Based on Prediction Error Expansion. , 2008, , .		24
4	Targeted Speech Adversarial Example Generation With Generative Adversarial Network. IEEE Access, 2020, 8, 124503-124513.	2.6	20
5	Identification of Fake Stereo Audio Using SVM and CNN. Information (Switzerland), 2021, 12, 263.	1.7	20
6	Source Cell-Phone Identification in the Presence of Additive Noise from CQT Domain. Information (Switzerland), 2018, 9, 205.	1.7	18
7	Audio Steganalysis with Improved Convolutional Neural Network. , 2019, , .		18
8	Steganalysis for MP3Stego using differential statistics of quantization step. , 2013, 23, 1181-1185.		17
9	Detection of MP3Stego exploiting recompression calibration-based feature. Multimedia Tools and Applications, 2014, 72, 865-878.	2.6	17
10	Huffman table swapping-based steganograpy for MP3 audio. Multimedia Tools and Applications, 2011, 52, 291-305.	2.6	15
11	Source smartphone identification by exploiting encoding characteristics of recorded speech. Digital Investigation, 2019, 29, 129-146.	3.2	10
12	Anti-Forensics of Audio Source Identification Using Generative Adversarial Network. IEEE Access, 2019, 7, 184332-184339.	2.6	10
13	Adaptive Audio Steganography Based on Improved Syndrome-Trellis Codes. IEEE Access, 2021, 9, 11705-11715.	2.6	9
14	A High-Capacity Reversible Data Hiding Scheme Using Dual-Channel Audio. IEEE Access, 2020, 8, 162271-162278.	2.6	8
15	An efficient algorithm for double compressed AAC audio detection. Multimedia Tools and Applications, 2016, 75, 4815-4832.	2.6	7
16	Learning to Generate Steganographic Cover for Audio Steganography Using GAN. IEEE Access, 2021, 9, 88098-88107.	2.6	7
17	AAC Double Compression Audio Detection Algorithm Based on the Difference of Scale Factor. Information (Switzerland), 2018, 9, 161.	1.7	6
18	Detection of Replay Attack Based on Normalized Constant Q Cepstral Feature. , 2019, , .		5

#	Article	IF	Citations
19	Exposing Speech Transsplicing Forgery with Noise Level Inconsistency. Security and Communication Networks, 2021, 2021, 1-6.	1.0	5
20	The filterbank in MP3 and AAC encoders: A comparative analysis. , 2011, , .		4
21	A multipurpose audio aggregation watermarking based on multistage vector quantization. Multimedia Tools and Applications, 2014, 68, 571-593.	2.6	4
22	A novel detection scheme for MP3Stego with low payload. , 2014, , .		4
23	Selecting Optimal Submatrix for Syndrome-Trellis Codes (STCs)-Based Steganography With Segmentation. IEEE Access, 2020, 8, 61754-61766.	2.6	4
24	Detecting MP3Stego using calibrated side information features. Journal of Software, 2013, 8, .	0.6	4
25	Detecting double-compressed MP3 with the Same Bit-rate. Journal of Software, 2014, 9, .	0.6	4
26	Anti-forensics of fake stereo audio using generative adversarial network. Multimedia Tools and Applications, 2022, 81, 17155-17167.	2.6	4
27	Decision-Based Attack to Speaker Recognition System via Local Low-Frequency Perturbation. IEEE Signal Processing Letters, 2022, 29, 1432-1436.	2.1	4
28	An audio watermarking scheme based on VQ codebook pairing. , 2010, , .		3
29	Anti-Forensics of Double Compressed MP3 Audio. International Journal of Digital Crime and Forensics, 2020, 12, 45-57.	0.5	3
30	Tackling the Cover Source Mismatch Problem in Audio Steganalysis With Unsupervised Domain Adaptation. IEEE Signal Processing Letters, 2021, 28, 1475-1479.	2.1	3
31	Identification of Weakly Pitch-Shifted Voice Based on Convolutional Neural Network. International Journal of Digital Multimedia Broadcasting, 2020, 2020, 1-10.	0.4	3
32	Detecting Fake-Quality MP3 based on Huffman Table Index. Journal of Software, 2014, 9, .	0.6	3
33	First Steps Toward Concealing the Traces Left by Reversible Image Data Hiding. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 951-955.	2.2	2
34	Fast speech adversarial example generation for keyword spotting system with conditional GAN. Computer Communications, 2021, 179, 145-156.	3.1	2
35	Robust, Imperceptible and End-to-End Audio Steganography Based on CNN. Communications in Computer and Information Science, 2020, , 427-442.	0.4	2
36	A robust audio multi-watermarking algorithm based on vector quantization. , 2010, , .		1

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37	Detection of HMM Synthesized Speech by Wavelet Logarithmic Spectrum. Automatic Control and Computer Sciences, 2019, 53, 72-79.	0.4	1
38	An Antiforensic Method against AMR Compression Detection. Security and Communication Networks, 2020, 2020, 1-8.	1.0	1
39	Detection of Various Speech Forgery Operations Based on Recurrent Neural Network. Communications in Computer and Information Science, 2020, , 415-426.	0.4	1
40	Detecting Fake-Quality WAV Audio Based on Phase Differences. Lecture Notes in Computer Science, 2015, , 525-534.	1.0	1
41	Multiple MP3 Compression Detection Based on the Statistical Properties of Scale Factors. Lecture Notes in Computer Science, 2016, , 51-60.	1.0	0
42	Towards Designing an Effective Complexity Indicator for Audio Steganography. , 2020, , .		0
43	Post-processing for Enhancing Audio Steganographic Undetectability. Communications in Computer and Information Science, 2020, , 546-559.	0.4	0
44	Antiforensics of Speech Resampling Using Dual-Path Strategy. Wireless Communications and Mobile Computing, 2021, 2021, 1-8.	0.8	0
45	Ordinal synchronization mark sequence and its steganography for a multi-link network covert channel. PLoS ONE, 2021, 16, e0252813.	1.1	0
46	Efficient Generation of Speech Adversarial Examples with Generative Model. Lecture Notes in Computer Science, 2021, , 251-264.	1.0	0
47	Source Cell-Phone Identification Using Spectral Features of Device Self-noise. Lecture Notes in Computer Science, 2017, , 29-45.	1.0	0
48	Identification ofÂSynthetic Spoofed Speech withÂDeep Capsule Network. Communications in Computer and Information Science, 2022, , 257-265.	0.4	0
49	Iteratively Generated Adversarial Perturbation for Audio Stego Post-processing. , 2021, , .		0