

Diqun Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4905099/publications.pdf>

Version: 2024-02-01

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	Identification of Synthetic Spoofed Speech with Deep Capsule Network. Communications in Computer and Information Science, 2022, , 257-265.	0.4	0
2	Anti-forensics of fake stereo audio using generative adversarial network. Multimedia Tools and Applications, 2022, 81, 17155-17167.	2.6	4
3	Decision-Based Attack to Speaker Recognition System via Local Low-Frequency Perturbation. IEEE Signal Processing Letters, 2022, 29, 1432-1436.	2.1	4
4	Tackling the Cover Source Mismatch Problem in Audio Steganalysis With Unsupervised Domain Adaptation. IEEE Signal Processing Letters, 2021, 28, 1475-1479.	2.1	3
5	Learning to Generate Steganographic Cover for Audio Steganography Using GAN. IEEE Access, 2021, 9, 88098-88107.	2.6	7
6	Antiforensics of Speech Resampling Using Dual-Path Strategy. Wireless Communications and Mobile Computing, 2021, 2021, 1-8.	0.8	0
7	Exposing Speech Transsplicing Forgery with Noise Level Inconsistency. Security and Communication Networks, 2021, 2021, 1-6.	1.0	5
8	Identification of Fake Stereo Audio Using SVM and CNN. Information (Switzerland), 2021, 12, 263.	1.7	20
9	Ordinal synchronization mark sequence and its steganography for a multi-link network covert channel. PLoS ONE, 2021, 16, e0252813.	1.1	0
10	Fast speech adversarial example generation for keyword spotting system with conditional GAN. Computer Communications, 2021, 179, 145-156.	3.1	2
11	Efficient Generation of Speech Adversarial Examples with Generative Model. Lecture Notes in Computer Science, 2021, , 251-264.	1.0	0
12	Adaptive Audio Steganography Based on Improved Syndrome-Trellis Codes. IEEE Access, 2021, 9, 11705-11715.	2.6	9
13	Iteratively Generated Adversarial Perturbation for Audio Stego Post-processing. , 2021, , .		0
14	An Antiforensic Method against AMR Compression Detection. Security and Communication Networks, 2020, 2020, 1-8.	1.0	1
15	Towards Designing an Effective Complexity Indicator for Audio Steganography. , 2020, , .		0
16	Post-processing for Enhancing Audio Steganographic Undetectability. Communications in Computer and Information Science, 2020, , 546-559.	0.4	0
17	A High-Capacity Reversible Data Hiding Scheme Using Dual-Channel Audio. IEEE Access, 2020, 8, 162271-162278.	2.6	8
18	Detection of Various Speech Forgery Operations Based on Recurrent Neural Network. Communications in Computer and Information Science, 2020, , 415-426.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Anti-Forensics of Double Compressed MP3 Audio. International Journal of Digital Crime and Forensics, 2020, 12, 45-57.	0.5	3
20	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
21	Targeted Speech Adversarial Example Generation With Generative Adversarial Network. IEEE Access, 2020, 8, 124503-124513.	2.6	20
22	Selecting Optimal Submatrix for Syndrome-Trellis Codes (STCs)-Based Steganography With Segmentation. IEEE Access, 2020, 8, 61754-61766.	2.6	4
23	Identification of Weakly Pitch-Shifted Voice Based on Convolutional Neural Network. International Journal of Digital Multimedia Broadcasting, 2020, 2020, 1-10.	0.4	3
24	Robust, Imperceptible and End-to-End Audio Steganography Based on CNN. Communications in Computer and Information Science, 2020, , 427-442.	0.4	2
25	Audio Steganalysis with Improved Convolutional Neural Network. , 2019, , .		18
26	Detection of Replay Attack Based on Normalized Constant Q Cepstral Feature. , 2019, , .		5
27	Detection of HMM Synthesized Speech by Wavelet Logarithmic Spectrum. Automatic Control and Computer Sciences, 2019, 53, 72-79.	0.4	1
28	Source smartphone identification by exploiting encoding characteristics of recorded speech. Digital Investigation, 2019, 29, 129-146.	3.2	10
29	Anti-Forensics of Audio Source Identification Using Generative Adversarial Network. IEEE Access, 2019, 7, 184332-184339.	2.6	10
30	Source Cell-Phone Identification in the Presence of Additive Noise from CQT Domain. Information (Switzerland), 2018, 9, 205.	1.7	18
31	AAC Double Compression Audio Detection Algorithm Based on the Difference of Scale Factor. Information (Switzerland), 2018, 9, 161.	1.7	6
32	Steganalysis of MP3Stego with low embedding-rate using Markov feature. Multimedia Tools and Applications, 2017, 76, 6143-6158.	2.6	25
33	Source Cell-Phone Identification Using Spectral Features of Device Self-noise. Lecture Notes in Computer Science, 2017, , 29-45.	1.0	0
34	Multiple MP3 Compression Detection Based on the Statistical Properties of Scale Factors. Lecture Notes in Computer Science, 2016, , 51-60.	1.0	0
35	An efficient algorithm for double compressed AAC audio detection. Multimedia Tools and Applications, 2016, 75, 4815-4832.	2.6	7
36	Detecting Fake-Quality WAV Audio Based on Phase Differences. Lecture Notes in Computer Science, 2015, , 525-534.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Detection of MP3Stego exploiting recompression calibration-based feature. Multimedia Tools and Applications, 2014, 72, 865-878.	2.6	17
38	A multipurpose audio aggregation watermarking based on multistage vector quantization. Multimedia Tools and Applications, 2014, 68, 571-593.	2.6	4
39	A novel detection scheme for MP3Stego with low payload. , 2014, , .		4
40	Detecting double-compressed MP3 with the Same Bit-rate. Journal of Software, 2014, 9, .	0.6	4
41	Detecting Fake-Quality MP3 based on Huffman Table Index. Journal of Software, 2014, 9, .	0.6	3
42	Steganalysis for MP3Stego using differential statistics of quantization step. , 2013, 23, 1181-1185.		17
43	Detecting MP3Stego using calibrated side information features. Journal of Software, 2013, 8, .	0.6	4
44	Steganography for MP3 audio by exploiting the rule of window switching. Computers and Security, 2012, 31, 704-716.	4.0	29
45	Huffman table swapping-based steganography for MP3 audio. Multimedia Tools and Applications, 2011, 52, 291-305.	2.6	15
46	The filterbank in MP3 and AAC encoders: A comparative analysis. , 2011, , .		4
47	An audio watermarking scheme based on VQ codebook pairing. , 2010, , .		3
48	A robust audio multi-watermarking algorithm based on vector quantization. , 2010, , .		1
49	Reversible Data Hiding for Audio Based on Prediction Error Expansion. , 2008, , .		24