

Fei Peng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Reversible Watermarking for 2D Engineering Graphics Based on Difference Expansion With Adaptive Interval Partitioning. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 1867-1881.	5.4	1
2	A Low Distortion and Steganalysis-resistant Reversible Data Hiding for 2D Engineering Graphics. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-20.	4.3	0
3	Vulnerabilities of Unattended Face Verification Systems to Facial Components-based Presentation Attacks: An Empirical Study. ACM Transactions on Privacy and Security, 2022, 25, 1-28.	3.0	8
4	MSA-CNN: Face Morphing Detection via Multiple Scales Attention Convolutional Neural Network. Lecture Notes in Computer Science, 2022, , 17-31.	1.3	2
5	Detection of Face Morphing Attacks Based on Patch-Level Features and Lightweight Networks. Security and Communication Networks, 2022, 2022, 1-12.	1.5	1
6	Face morphing attack detection and attacker identification based on a watchlist. Signal Processing: Image Communication, 2022, 107, 116748.	3.2	3
7	A Semi-Fragile Reversible Watermarking for Authenticating 2D Engineering Graphics Based on Improved Region Nesting. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 411-424.	8.3	18
8	Low Visual Distortion and Robust Morphing Attacks Based on Partial Face Image Manipulation. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 72-88.	4.4	18
9	Identifying natural images and computer-generated graphics based on convolutional neural network. International Journal of Autonomous and Adaptive Communications Systems, 2021, 14, 151.	0.3	2
10	A General Region Nesting-Based Semi-Fragile Reversible Watermarking for Authenticating 3D Mesh Models. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4538-4553.	8.3	16
11	Visible Reversible Watermarking for 3D Models Based on Mesh Subdivision. Lecture Notes in Computer Science, 2021, , 136-149.	1.3	1
12	A Tunable Selective Encryption Scheme for H.265/HEVC Based on Chroma IPM and Coefficient Scrambling. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2765-2780.	8.3	36
13	CGR-GAN: CG Facial Image Regeneration for Antiforensics Based on Generative Adversarial Network. IEEE Transactions on Multimedia, 2020, 22, 2511-2525.	7.2	21
14	Face presentation attack detection based on chromatic co-occurrence of local binary pattern and ensemble learning. Journal of Visual Communication and Image Representation, 2020, 66, 102746.	2.8	25
15	Reversible data hiding based on RSBEMD coding and adaptive multi-segment left and right histogram shifting. Signal Processing: Image Communication, 2020, 81, 115715.	3.2	24
16	A Facial Privacy Protection Framework Based on Component Difference and Template Morphing. , 2020, , ,		1
17	A separable reversible data hiding scheme for encrypted images based on Tromino scrambling and adaptive pixel value ordering. Signal Processing, 2020, 176, 107703.	3.7	17
18	Separable Robust Reversible Watermarking in Encrypted 2D Vector Graphics. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2391-2405.	8.3	20

#	ARTICLE	IF	CITATIONS
19	A Coverless Image Information Hiding Algorithm Based on Fractal Theory. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050062.	1.7	4
20	HRAE: Hardware-assisted Randomization against Adversarial Example Attacks. , 2020, , .		2
21	A reversible visible watermarking for 2D CAD engineering graphics based on graphics fusion. Signal Processing: Image Communication, 2019, 78, 426-436.	3.2	4
22	FD-GAN: Face De-Morphing Generative Adversarial Network for Restoring Accompliceâ€™s Facial Image. IEEE Access, 2019, 7, 75122-75131.	4.2	44
23	A Face Privacy Protection Scheme Using CNN Based ROI Editing. , 2019, , .		3
24	Reversible Data Hiding in Encrypted 2D Vector Graphics Based on Reversible Mapping Model for Real Numbers. IEEE Transactions on Information Forensics and Security, 2019, 14, 2400-2411.	6.9	46
25	Dynamic Provable Data Possession of Multiple Copies in Cloud Storage Based on Full-Node of AVL Tree. International Journal of Digital Crime and Forensics, 2019, 11, 126-137.	0.7	11
26	Source identification of 3D printed objects based on inherent equipment distortion. Computers and Security, 2019, 82, 173-183.	6.0	12
27	3-D Printed Object Authentication Based on Printing Noise and Digital Signature. IEEE Transactions on Reliability, 2019, 68, 342-353.	4.6	11
28	A reversible watermarking for authenticating 2D CAD engineering graphics based on iterative embedding and virtual coordinates. Multimedia Tools and Applications, 2019, 78, 26885-26905.	3.9	23
29	Identifying natural images and computer generated graphics based on binary similarity measures of PRNU. Multimedia Tools and Applications, 2019, 78, 489-506.	3.9	37
30	Face spoofing detection based on color texture Markov feature and support vector machine recursive feature elimination. Journal of Visual Communication and Image Representation, 2018, 51, 56-69.	2.8	59
31	A Low-Distortion Reversible Watermarking for 2D Engineering Graphics Based on Region Nesting. IEEE Transactions on Information Forensics and Security, 2018, 13, 2372-2382.	6.9	26
32	Face presentation attack detection using guided scale texture. Multimedia Tools and Applications, 2018, 77, 8883-8909.	3.9	44
33	Separable reversible data hiding and encryption for HEVC video. Journal of Real-Time Image Processing, 2018, 14, 171-182.	3.5	64
34	A Format-Compliant Encryption for Secure HEVC Video Sharing in Multimedia Social Network. International Journal of Digital Crime and Forensics, 2018, 10, 23-39.	0.7	2
35	CCoLBP: Chromatic Co-Occurrence of Local Binary Pattern for Face Presentation Attack Detection. , 2018, , .		15
36	Print-Scan Resilient Binary Map Watermarking Based on DCT and Scrambling. International Journal of Digital Crime and Forensics, 2018, 10, 80-89.	0.7	1

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37	Face Morphing Detection Using Fourier Spectrum of Sensor Pattern Noise. , 2018, , .		35
38	Robust Coverless Image Steganography Based on DCT and LDA Topic Classification. IEEE Transactions on Multimedia, 2018, 20, 3223-3238.	7.2	135
39	Mosaic secret-fragment-visible data hiding for secure image transmission based on two-step energy matching. , 2018, 81, 173-185.		4
40	A Perceptual Encryption Scheme for HEVC Video with Lossless Compression. International Journal of Digital Crime and Forensics, 2018, 10, 67-78.	0.7	0
41	Source Camera Identification Based on Guided Image Estimation and Block Weighted Average. Lecture Notes in Computer Science, 2017, , 106-118.	1.3	0
42	Integrity Verification for Multiple Data Copies in Cloud Storage Based on Spatiotemporal Chaos. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750054.	1.7	5
43	A reversible watermarking for authenticating 2D vector graphics based on bionic spider web. Signal Processing: Image Communication, 2017, 57, 134-146.	3.2	17
44	Identifying source camera using guided image estimation and block weighted average. Journal of Visual Communication and Image Representation, 2017, 48, 471-479.	2.8	16
45	Content-Independent Face Presentation Attack Detection with Directional Local Binary Pattern. Lecture Notes in Computer Science, 2017, , 118-126.	1.3	2
46	Identification of Natural Images and Computer Generated Graphics Based on Multiple LBPs in Multicolor Spaces. Lecture Notes in Computer Science, 2017, , 368-380.	1.3	2
47	Print-Scan Resilient Binary Map Watermarking Based on Extended Additive Noise Model and Scrambling. Lecture Notes in Computer Science, 2017, , 3-15.	1.3	1
48	Discrimination of natural images and computer generated graphics based on multi-fractal and regression analysis. AEU - International Journal of Electronics and Communications, 2017, 71, 72-81.	2.9	60
49	A selective encryption scheme for protecting H.264/AVC video in multimedia social network. Multimedia Tools and Applications, 2017, 76, 3235-3253.	3.9	28
50	High-fidelity reversible data hiding based on geodesic path and pairwise prediction-error expansion. Neurocomputing, 2017, 226, 23-34.	5.9	30
51	A Reversible Watermarking for 2D Vector Map Based on Triple Differences Expansion and Reversible Contrast Mapping. Lecture Notes in Computer Science, 2017, , 147-158.	1.3	7
52	A Lossless Watermarking for 3D STL Model Based on Entity Rearrangement and Bit Mapping. International Journal of Digital Crime and Forensics, 2017, 9, 25-37.	0.7	2
53	A Perceptual Encryption Scheme for HEVC Video with Lossless Compression. Lecture Notes in Computer Science, 2017, , 396-407.	1.3	3
54	Reversible watermarking for 2D CAD engineering graphics using asymmetric histogram shifting and complementary embedding. Proceedings of SPIE, 2016, , .	0.8	0

#	ARTICLE	IF	CITATIONS
55	Image tamper detection based on noise estimation and lacunarity texture. Multimedia Tools and Applications, 2016, 75, 10201-10211.	3.9	16
56	Identification of Natural Images and Computer-Generated Graphics Based on Statistical and Textural Features. Journal of Forensic Sciences, 2015, 60, 435-443.	1.6	22
57	An adaptive PEE-based reversible data hiding scheme exploiting referential prediction-errors. , 2015, , .		1
58	Identification of Natural Images and Computer Generated Graphics Using Multi-fractal Differences of PRNU. Lecture Notes in Computer Science, 2015, , 213-226.	1.3	1
59	A Semi-Fragile Reversible Watermarking for 2D CAD Engineering Graphics with Accurate Tampering Localization. International Journal of Digital Crime and Forensics, 2015, 7, 1-18.	0.7	1
60	Improved PVO-based reversible data hiding. , 2014, 25, 255-265.		235
61	Identifying photographic images and photorealistic computer graphics using multifractal spectrum features of PRNU. , 2014, , .		11
62	Reversible watermarking for 2D CAD engineering graphics based on improved histogram shifting. CAD Computer Aided Design, 2014, 49, 42-50.	2.7	23
63	Discriminating natural images and computer generated graphics based on the impact of CFA interpolation on the correlation of PRNU. Digital Investigation, 2014, 11, 111-119.	3.2	16
64	An ROI Privacy Protection Scheme for H.264 Video Based on FMO and Chaos. IEEE Transactions on Information Forensics and Security, 2013, 8, 1688-1699.	6.9	64
65	An Effective Selective Encryption Scheme for H.264 Video based on Chaotic Qi System. International Journal of Digital Crime and Forensics, 2013, 5, 35-49.	0.7	5
66	Identification of Natural Images and Computer Generated Graphics Based on Hybrid Features. International Journal of Digital Crime and Forensics, 2012, 4, 1-16.	0.7	13
67	Adaptive reversible data hiding scheme based on integer transform. Signal Processing, 2012, 92, 54-62.	3.7	201
68	Reversible image water marking based on prediction-error expansion and compensation. , 2011, , .		4
69	Simple and Accurate Analysis of BER Performance for DCSK Chaotic Communication. IEEE Communications Letters, 2011, 15, 1175-1177.	4.1	32
70	A complete passive blind image copy-move forensics scheme based on compound statistics features. Forensic Science International, 2011, 212, e21-e25.	2.2	32
71	A reversible watermarking scheme for two-dimensional CAD engineering graphics based on improved difference expansion. CAD Computer Aided Design, 2011, 43, 1018-1024.	2.7	54
72	An Effective Reversible Watermarking for 2D CAD Engineering Graphics Based on Improved QIM. International Journal of Digital Crime and Forensics, 2011, 3, 53-69.	0.7	18

#	ARTICLE	IF	CITATIONS
73	A Steganalysis Method for 2D Engineering Graphics Based on the Statistic of Geometric Features. International Journal of Digital Crime and Forensics, 2011, 3, 35-40.	0.7	1
74	A semi-fragile watermarking algorithm for authenticating 2D CAD engineering graphics based on log-polar transformation. CAD Computer Aided Design, 2010, 42, 1207-1216.	2.7	32
75	A Semi-fragile Watermarking Algorithm for Authenticating 2D Engineering Graphics Based on Log-Polar Transformation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 11-18.	0.3	0
76	Digital Image Forgery Forensics by Using Blur Estimation and Abnormal Hue Detection. , 2010, , .		9
77	Improved DE-Based Reversible Watermarking Using Sorting and Histogram Shifting. Lecture Notes in Computer Science, 2010, , 611-621.	1.3	0
78	A reversible watermarking scheme for 2D engineering graphics based on improved quantisation index modulation. , 2009, , .		1
79	A Zero-Watermark Algorithm with Real-Mean for 2D Engineering Graphic. , 2008, , .		3
80	A Capacity Variable Watermarking Algorithm for 2D Engineering Graphic Based on Complex Number System. , 2008, , .		5
81	Steganalysis of Data Hiding for Two-Dimensional Engineering Graphics Based on Characters Statistic. , 2008, , .		2
82	Constructing a one-way hash function based on the unified chaotic system. Chinese Physics B, 2008, 17, 3588-3595.	1.4	5
83	A Multiple Encryption Algorithm for 2D Engineering Graphic Based on Fourier Descriptors and Chaos Scrambling. , 2008, , .		0
84	An Encryption Algorithm for 2D Engineering Graphics' Content Based on Chaos Systems. , 2008, , .		1
85	A Strength Variable Encryption Algorithm for 2D Engineering Graphic Based on Discrete Cosine Descriptors and Chaos Scrambling. , 2008, , .		0
86	Bi-directional Secure Communication Based on Discrete Chaotic Synchronization. Communications in Theoretical Physics, 2007, 47, 1076-1080.	2.5	1
87	Identification of Natural Images and Computer Generated Graphics Based on Hybrid Features. , 0, , 18-34.		2