Xue Hu Yan

List of Publications by Year
in descending order

128 papers	1,381 citations	393982 19 h-index	476904 29 g-index
131 all docs	131 docs citations	131 times ranked	533 citing authors

#	ARTICLE	IF	CITATIONS
1	PBDiff: Neural network based program-wide diffing method for binaries. Mathematical Biosciences and Engineering, 2022, 19, 2774-2799.	1.0	1
2	Visual secret sharing scheme with (n,n) threshold based on WeChat Mini Program codes. Journal of Visual Communication and Image Representation, 2022, 82, 103409.	1.7	3
3	Multi-Attribute Decision Making Method for Node Importance Metric in Complex Network. Applied Sciences (Switzerland), 2022, 12, 1944.	1.3	9
4	Meaningful Secret Image Sharing with Saliency Detection. Entropy, 2022, 24, 340.	1.1	9
5	A Novel General (n, n)-Threshold Multiple Secret Images Sharing Scheme Based on Information Hiding in the Sharing Domain. Entropy, 2022, 24, 318.	1.1	1
6	Minimum Adversarial Examples. Entropy, 2022, 24, 396.	1.1	2
7	Cefuzz: An Directed Fuzzing Framework for PHP RCE Vulnerability. Electronics (Switzerland), 2022, 11, 758.	1.8	9
8	Meaningful secret image sharing resist to typical image processing of shadows. Multimedia Tools and Applications, 2022, 81, 16097-16115.	2.6	2
9	Vulnerability-oriented directed fuzzing for binary programs. Scientific Reports, 2022, 12, 4271.	1.6	2
10	MTS-Stega: Linguistic Steganography Based on Multi-Time-Step. Entropy, 2022, 24, 585.	1.1	1
11	Wet Paper Coding-Based Deep Neural Network Watermarking. Sensors, 2022, 22, 3489.	2.1	1
12	Sparse Adversarial Video Attacks via Superpixel-Based Jacobian Computation. Sensors, 2022, 22, 3686.	2.1	2
13	Information hiding in the sharing domain. Journal of Visual Communication and Image Representation, 2022, 86, 103520.	1.7	4
14	Practical Secret Image Sharing Based on the Chinese Remainder Theorem. Mathematics, 2022, 10, 1959.	1.1	3
15	Comprehensive reversible secret image sharing with palette cover images. Journal of Information Security and Applications, 2022, 68, 103233.	1.8	2
16	A Neural Network Model Secret-Sharing Scheme with Multiple Weights for Progressive Recovery. Mathematics, 2022, 10, 2231.	1.1	1
17	CTTGAN: Traffic Data Synthesizing Scheme Based on Conditional GAN. Sensors, 2022, 22, 5243.	2.1	5
18	A novel (k1,k2,n)-threshold two-in-one secret image sharing scheme for multiple secrets. Journal of Visual Communication and Image Representation, 2021, 74, 102971.	1.7	6

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19	A Common Method of Share Authentication in Image Secret Sharing. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2896-2908.	5.6	38
20	Image Steganalysis via Diverse Filters and Squeeze-and-Excitation Convolutional Neural Network. Mathematics, 2021, 9, 189.	1.1	11
21	An Audio Steganography Based on Run Length Encoding and Integer Wavelet Transform. International Journal of Digital Crime and Forensics, 2021, 13, 16-34.	0.5	0
22	Robust Secret Image Sharing Resistant to Noise in Shares. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-22.	3.0	17
23	Data Hiding Based on Mini Program Code. Security and Communication Networks, 2021, 2021, 1-12.	1.0	1
24	Weighted Polynomial-Based Secret Image Sharing Scheme with Lossless Recovery. Security and Communication Networks, 2021, 2021, 1-11.	1.0	3
25	Applying Secret Image Sharing to Economics. International Journal of Digital Crime and Forensics, 2021, 13, 16-25.	0.5	2
26	Multiparty verification in image secret sharing. Information Sciences, 2021, 562, 475-490.	4.0	15
27	An Intragroup and Intergroup Multiple Secret Images' Sharing Scheme with Each Participant Holding One Shadow Image. Security and Communication Networks, 2021, 2021, 1-14.	1.0	2
28	WTA: A Static Taint Analysis Framework for PHP Webshell. Applied Sciences (Switzerland), 2021, 11, 7763.	1.3	3
29	BAT: real-time inaudible sound capture with smartphones. Multimedia Tools and Applications, 2021, 80, 33313-33327.	2.6	2
30	Robust Secret Image Sharing Scheme Against Noise in Shadow Images. IEEE Access, 2021, 9, 23284-23300.	2.6	15
31	BEDetector: A Two-Channel Encoding Method to Detect Vulnerabilities Based on Binary Similarity. IEEE Access, 2021, 9, 51631-51645.	2.6	6
32	Fake and dishonest participant location scheme in secret image sharing. Mathematical Biosciences and Engineering, 2021, 18, 2473-2495.	1.0	5
33	AMBTC-based visual secret sharing with different meaningful shadows. Mathematical Biosciences and Engineering, 2021, 18, 5236-5251.	1.0	2
34	Comparison and analysis of secret image sharing principles. , 2021, , .		0
35	A Webshell Detection Algorithms via Multi-parameter Comprehensive Evaluation Based on Text Recognition. , 2021, , .		0
36	Discussion on the Application Pattern of Research-And-Discussion Teaching in the Teaching of Computer Courses for Postgraduates. , 2021, , .		0

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37	Visual secret sharing scheme with (n, n) threshold for selective secret content based on QR codes. Multimedia Tools and Applications, 2020, 79, 2789-2811.	2.6	8
38	Feature Selection for Image Steganalysis Using Binary Bat Algorithm. IEEE Access, 2020, 8, 4244-4249.	2.6	28
39	XOR-ed visual secret sharing scheme with robust and meaningful shadows based on QR codes. Multimedia Tools and Applications, 2020, 79, 5719-5741.	2.6	15
40	A method of ROP decentralized layout. , 2020, , .		1
41	Meaningful Secret Image Sharing Scheme with High Visual Quality Based on Natural Steganography. Mathematics, 2020, 8, 1452.	1.1	7
42	Penrose tiling for visual secret sharing. Multimedia Tools and Applications, 2020, 79, 32693-32710.	2.6	4
43	A Common General Access Structure Construction Approach in Secret Image Sharing. International Journal of Digital Crime and Forensics, 2020, 12, 96-110.	0.5	2
44	On the Value of Order Number and Power in Secret Image Sharing. Security and Communication Networks, 2020, 2020, 1-13.	1.0	4
45	Weighted visual cryptographic scheme with improved image quality. Multimedia Tools and Applications, 2020, 79, 21345-21360.	2.6	7
46	Research on Automatic Exploitation of House of Spirit Heap Overflow Vulnerability. , 2020, , .		1
47	Adaptive Partial Image Secret Sharing. Symmetry, 2020, 12, 703.	1.1	0
48	Lossless and Efficient Secret Image Sharing Based on Matrix Theory Modulo 256. Mathematics, 2020, 8, 1018.	1.1	4
49	Reversible Image Secret Sharing. IEEE Transactions on Information Forensics and Security, 2020, , 1-1.	4.5	42
50	Secret Image Sharing with Dealer-Participatory and Non-Dealer-Participatory Mutual Shadow Authentication Capabilities. Mathematics, 2020, 8, 234.	1.1	15
51	Application of random elements in ISS. IET Image Processing, 2020, 14, 530-535.	1.4	3
52	Applying Visual Cryptography to Enhance Text Captchas. Mathematics, 2020, 8, 332.	1.1	8
53	(2,Â2) Threshold Robust Visual Secret Sharing Scheme for QR Code Based on Pad Codewords. Advances in Intelligent Systems and Computing, 2020, , 619-628.	0.5	4
54	Relations Between Secret Sharing and Secret Image Sharing. Advances in Intelligent Systems and Computing, 2020, , 79-93.	0.5	2

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55	Image inpainting-based behavior image secret sharing. Mathematical Biosciences and Engineering, 2020, 17, 2950-2966.	1.0	1
56	Polynomial-based extended secret image sharing scheme with reversible and unexpanded covers. Multimedia Tools and Applications, 2019, 78, 1265-1287.	2.6	14
57	A Simple Review of Audio Steganography. , 2019, , .		12
58	Lossless (k,n) -Threshold Image Secret Sharing Based on the Chinese Remainder Theorem Without Auxiliary Encryption. IEEE Access, 2019, 7, 75113-75121.	2.6	11
59	Efficient and Lossless Polynomial-Based Secret Image Sharing for Color Images. IEEE Access, 2019, 7, 113216-113222.	2.6	10
60	Security analysis and classification of image secret sharing. Journal of Information Security and Applications, 2019, 47, 208-216.	1.8	12
61	Weighted Secret Image Sharing for a (k,n) Threshold Based on the Chinese Remainder Theorem. IEEE Access, 2019, 7, 59278-59286.	2.6	13
62	A real-time destructive method to counter information hiding. , 2019, , .		1
63	A general progressive secret image sharing construction method. Signal Processing: Image Communication, 2019, 71, 66-75.	1.8	36
64	Generalized general access structure in secret image sharing. Journal of Visual Communication and Image Representation, 2019, 58, 89-101.	1.7	15
65	Weighted visual secret sharing with multiple decryptions and lossless recovery. Mathematical Biosciences and Engineering, 2019, 16, 5750-5764.	1.0	5
66	Multiple security anti-counterfeit applications to QR code payment based on visual secret sharing and QR code. Mathematical Biosciences and Engineering, 2019, 16, 6367-6385.	1.0	6
67	Exfiltrating data from an air-gapped system through a screen-camera covert channel. Mathematical Biosciences and Engineering, 2019, 16, 7458-7476.	1.0	1
68	Ramp secret image sharing. Mathematical Biosciences and Engineering, 2019, 16, 4433-4455.	1.0	0
69	High capacity reversible data hiding in MP3 based on Huffman table transformation. Mathematical Biosciences and Engineering, 2019, 16, 3183-3194.	1.0	2
70	A Novel Behavior Steganography Model Based on Secret Sharing. International Journal of Digital Crime and Forensics, 2019, 11, 97-117.	0.5	1
71	An enhanced threshold visual secret sharing based on random grids. Journal of Real-Time Image Processing, 2018, 14, 61-73.	2.2	102
72	Greyscale-images-oriented progressive secret sharing based on the linear congruence equation. Multimedia Tools and Applications, 2018, 77, 20569-20596.	2.6	4

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73	Random grid-based threshold visual secret sharing with improved visual quality and lossless recovery ability. Multimedia Tools and Applications, 2018, 77, 20673-20696.	2.6	10
74	Participants increasing for threshold random grids-based visual secret sharing. Journal of Real-Time Image Processing, 2018, 14, 13-24.	2.2	11
75	Visual secret sharing scheme for (k,Ân) threshold based on QR code with multiple decryptions. Journal of Real-Time Image Processing, 2018, 14, 25-40.	2.2	33
76	Progressive visual secret sharing for general access structure with multiple decryptions. Multimedia Tools and Applications, 2018, 77, 2653-2672.	2.6	30
77	Polynomial-Based Secret Image Sharing Scheme with Fully Lossless Recovery. International Journal of Digital Crime and Forensics, 2018, 10, 120-136.	0.5	23
78	Secret Data Fusion Based on Chinese Remainder Theorem. , 2018, , .		0
79	Image Secret Sharing Construction for General Access Structure with Meaningful Share. International Journal of Digital Crime and Forensics, 2018, 10, 66-77.	0.5	7
80	An Image Secret Sharing Method Based on Matrix Theory. Symmetry, 2018, 10, 530.	1.1	11
81	Applying QR Code to Secure Medical Management. , 2018, , .		3
82	Robust Visual Secret Sharing Scheme Applying to QR Code. Security and Communication Networks, 2018, 2018, 1-12.	1.0	8
83	Lossless and Efficient Polynomial-Based Secret Image Sharing with Reduced Shadow Size. Symmetry, 2018, 10, 249.	1.1	32
84	Visual Secret Sharing Scheme for Color QR Code. , 2018, , .		6
85	General Meaningful Shadow Construction in Secret Image Sharing. IEEE Access, 2018, 6, 45246-45255.	2.6	23
86	Chinese Remainder Theorem-Based Secret Image Sharing with Small-Sized Shadow Images. Symmetry, 2018, 10, 340.	1.1	7
87	Random Grids-Based Threshold Visual Secret Sharing with Improved Visual Quality. Lecture Notes in Computer Science, 2017, , 209-222.	1.0	4
88	Contrast-improved visual secret sharing based on random grid for general access structure. , 2017, 71, 36-45.		14
89	Secret Data-Driven Carrier-Free Secret Sharing Scheme Based on Error Correction Blocks ofÂQRÂCodes. Communications in Computer and Information Science, 2017, , 231-241.	0.4	0
90	A Novel Progressive Secret Image Sharing Method with Better Robustness. Communications in Computer and Information Science, 2017, , 539-550.	0.4	2

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91	Adaptive Audio Steganography Scheme Based on Wavelet Packet Energy. , 2017, , .		2
92	Secret Image Sharing Based on Error-Correcting Codes. , 2017, , .		4
93	Participants Increasing for Shamirâ€™s Polynomial-Based Secret Image Sharing Scheme. , 2017, , .		3
94	Chinese Remainder Theorem-Based Secret Image Sharing forÂ(k,Ân)ÂThreshold. Lecture Notes in Computer Science, 2017, , 433-440.	1.0	25
95	A Novel Visual Secret Sharing Scheme Based on QR Codes. International Journal of Digital Crime and Forensics, 2017, 9, 38-48.	0.5	8
96	Exploiting the Homomorphic Property of Visual Cryptography. International Journal of Digital Crime and Forensics, 2017, 9, 45-56.	0.5	26
97	Security Analysis of Secret Image Sharing. Communications in Computer and Information Science, 2017, , 305-316.	0.4	4
98	Partial Secret Image Sharing forÂ(n,Ân)ÂThreshold Based on Image Inpainting. Lecture Notes in Computer Science, 2017, , 527-538.	1.0	0
99	A General (k,Ân) Threshold Secret Image Sharing Construction Based on Matrix Theory. Communications in Computer and Information Science, 2017, , 331-340.	0.4	1
100	A Novel Progressive Secret Image Sharing Scheme Based on Arithmetic Mean. International Journal of Digital Crime and Forensics, 2017, 9, 28-37.	0.5	0
101	Contrast-Improved Visual Cryptography for General Access Structure. , 2016, , .		2
102	Visual Secret Sharing Scheme with (k, n) Threshold Based on QR Codes. , 2016, , .		9
103	Progressive Visual Secret Sharing for General Access Structure with Multiple Decryptions. , 2016, , .		1
104	A Progressive Threshold Secret Image Sharing with Meaningful Shares for Gray-Scale Image. , 2016, , .		7
105	Quality-adaptive threshold visual secret sharing by random grids. , 2016, , .		2
106	Meaningful visual secret sharing based on error diffusion and random grids. Multimedia Tools and Applications, 2016, 75, 3353-3373.	2.6	10
107	Threshold progressive visual cryptography construction with unexpanded shares. Multimedia Tools and Applications, 2016, 75, 8657-8674.	2.6	20
108	Design a new visual cryptography for human-verifiable authentication in accessing a database. Journal of Real-Time Image Processing, 2016, 12, 483-494.	2.2	12

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109	Clarity Corresponding to Contrast in Visual Cryptography. Communications in Computer and Information Science, 2016, , 249-257.	0.4	11
110	A novel template protection scheme for multibiometrics based on fuzzy commitment and chaotic system. Signal, Image and Video Processing, 2015, 9, 99-109.	1.7	12
111	Halftone visual cryptography with minimum auxiliary black pixels and uniform image quality. , 2015, 38, 53-65.		61
112	Random Girds-Based Threshold Visual Secret Sharing with Improved Contrast by Boolean Operations. Lecture Notes in Computer Science, 2015, , 319-332.	1.0	1
113	Generalized random grids-based threshold visual cryptography with meaningful shares. Signal Processing, 2015, 109, 317-333.	2.1	32
114	Random grid-based visual secret sharing with multiple decryptions. Journal of Visual Communication and Image Representation, 2015, 26, 94-104.	1.7	23
115	New approaches for efficient information hiding-based secret image sharing schemes. Signal, Image and Video Processing, 2015, 9, 499-510.	1.7	25
116	Visual secret sharing based on random grids with abilities of AND and XOR lossless recovery. Multimedia Tools and Applications, 2015, 74, 3231-3252.	2.6	63
117	Threshold visual secret sharing with comprehensive properties based on random grids. Signal, Image and Video Processing, 2015, 9, 1659-1668.	1.7	5
118	Random grids-based visual secret sharing with improved visual quality via error diffusion. Multimedia Tools and Applications, 2015, 74, 9279-9296.	2.6	18
119	Equivalence Proof of Two (2, n) Progressive Visual Secret Sharing. , 2014, , .		1
120	Flexible Quantum Image Secret Sharing Based on Measurement and Strip. , 2014, , .		7
121	Threshold construction from specific cases in visual cryptography without the pixel expansion. Signal Processing, 2014, 105, 389-398.	2.1	67
122	Essential Visual Cryptographic Scheme with Different Importance of Shares. Lecture Notes in Computer Science, 2014, , 636-643.	1.0	2
123	A new meaningful secret sharing scheme based on random grids, error diffusion and chaotic encryption. Optics and Laser Technology, 2013, 54, 389-400.	2.2	51
124	A Novel Hybrid Multibiometrics Based on the Fusion of Dual Iris, Visible and Thermal Face Images. , 2013, , .		30
125	A Lossless Secret Image Sharing Scheme Based on Steganography. , 2012, , .		9
126	Research on the Capacity of Error-Correcting Codes-Based Information Hiding. , 2008, , .		12

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127	A Heuristic Local-sensitive Program-Wide Diffing Method for IoT Binary Files. Arabian Journal for Science and Engineering, 0, , 1.	1.7	0
128	Renewal of secret and shadows in secret image sharing. IET Information Security, 0, , .	1.1	0