

Hai Yu

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

2,586
citations

236925
25
h-index

197818
49
g-index

103
all docs

103
docs citations

103
times ranked

1776
citing authors

#	ARTICLE	IF	CITATIONS
1	Runtime Permission Issues in Android Apps: Taxonomy, Practices, and Ways Forward. IEEE Transactions on Software Engineering, 2023, 49, 185-210.	5.6	4
2	Will Dependency Conflicts Affect My Program's Semantics?. IEEE Transactions on Software Engineering, 2022, 48, 2295-2316.	5.6	13
3	Duplicated zigzag decodable fountain codes with the unequal error protection property. Computer Communications, 2022, 185, 66-78.	5.1	1
4	Devising optimal integration test orders using cost-benefit analysis. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 692-714.	2.6	2
5	Hero: On the Chaos When PATH Meets Modules. , 2021, , .		2
6	An ultrahigh-resolution image encryption algorithm using random super-pixel strategy. Multimedia Tools and Applications, 2021, 80, 33429-33454.	3.9	2
7	Superpixels With Content-Adaptive Criteria. IEEE Transactions on Image Processing, 2021, 30, 7702-7716.	9.8	8
8	Watershed-Based Superpixels With Global and Local Boundary Marching. IEEE Transactions on Image Processing, 2020, 29, 7375-7388.	9.8	14
9	Locating multiple information sources in social networks based on the naming game. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126908.	2.1	4
10	A Naming Game-Based Method for the Location of Information Source in Social Networks. Complexity, 2020, 2020, 1-8.	1.6	0
11	An Image Encryption Algorithm Based on Random Hamiltonian Path. Entropy, 2020, 22, 73.	2.2	13
12	Watchman. , 2020, , .		30
13	Efficient and Secure Image Encryption Algorithm Using a Novel Key-Substitution Architecture. IEEE Access, 2019, 7, 84386-84400.	4.2	14
14	Hot Topic Detection Based on a Refined TF-IDF Algorithm. IEEE Access, 2019, 7, 26996-27007.	4.2	63
15	A Symmetric Image Encryption Algorithm Based on a Coupled Logistic-Bernoulli Map and Cellular Automata Diffusion Strategy. Entropy, 2019, 21, 504.	2.2	29
16	Efficient protection using chaos for Context-Adaptive Binary Arithmetic Coding in H.264/Advanced Video Coding. Multimedia Tools and Applications, 2019, 78, 18967-18994.	3.9	7
17	Evolutionary Game Dynamics of the Competitive Information Propagation on Social Networks. Complexity, 2019, 2019, 1-11.	1.6	17
18	Joint image compression-encryption scheme using entropy coding and compressive sensing. Nonlinear Dynamics, 2019, 95, 2235-2261.	5.2	31

#	ARTICLE	IF	CITATIONS
19	Using reliability risk analysis to prioritize test cases. Journal of Systems and Software, 2018, 139, 14-31.	4.5	11
20	Modeling and analyzing cascading dynamics of the Internet based on local congestion information. Physica A: Statistical Mechanics and Its Applications, 2018, 499, 298-309.	2.6	9
21	Risk Analysis on Multi-Granular Flow Network for Software Integration Testing. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1059-1063.	3.0	4
22	Optimization of cascading failure on complex network based on NNIA. Physica A: Statistical Mechanics and Its Applications, 2018, 501, 42-51.	2.6	19
23	Automatic Software Refactoring via Weighted Clustering in Method-Level Networks. IEEE Transactions on Software Engineering, 2018, 44, 202-236.	5.6	24
24	Do the dependency conflicts in my project matter?. , 2018, , .		43
25	The construction of Chinese microblog gender-specific thesauruses and user gender classification. Applied Network Science, 2018, 3, 47.	1.5	2
26	Research Frontier in Chaos Theory and Complex Networks. Entropy, 2018, 20, 734.	2.2	2
27	Improved online fountain codes. IET Communications, 2018, 12, 2297-2304.	2.2	13
28	Evaluation of Systemsâ€™ Irregularity and Complexity: Sample Entropy, Its Derivatives, and Their Applications across Scales and Disciplines. Entropy, 2018, 20, 794.	2.2	8
29	Hybrid method combining superpixel, random walk and active contour model for fast and accurate liver segmentation. Computerized Medical Imaging and Graphics, 2018, 70, 119-134.	5.8	15
30	SSCSMA-based random relay selection scheme for large-scale relay networks. Computer Communications, 2018, 127, 13-19.	5.1	3
31	A Dynamic Personalized News Recommendation System Based on BAP User Profiling Method. IEEE Access, 2018, 6, 41068-41078.	4.2	17
32	An image encryption scheme using self-adaptive selective permutation and inter-intra-block feedback diffusion. Signal Processing, 2018, 151, 130-143.	3.7	52
33	An image encryption algorithm based on compound homogeneous hyper-chaotic system. Nonlinear Dynamics, 2017, 89, 61-79.	5.2	76
34	A Special Hybrid Projective Synchronization in Symmetric Chaotic System With Unknown Parameter. Journal of Computational and Nonlinear Dynamics, 2017, 12, .	1.2	3
35	An effective collaborative filtering algorithm based on adjusted user-item rating matrix. , 2017, , .		2
36	A distributed energy-efficient cooperative routing algorithm based on optimal power allocation. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	A novel cooperative routing algorithm based on "Gravitation" in wireless networks. , 2017, , .		1
38	Analysis of the Dynamic Influence of Social Network Nodes. Scientific Programming, 2017, 2017, 1-6.	0.7	0
39	Relative health index of wind turbines based on kernel density estimation. , 2017, , .		0
40	A Novel Image Encryption Scheme Using the Composite Discrete Chaotic System. Entropy, 2016, 18, 276.	2.2	36
41	Collaborative Contextual Anomaly Detection for Industrial Equipment Groups. , 2016, , .		0
42	A security improved image encryption scheme based on chaotic Baker map and hyperchaotic Lorenz system. International Journal of Computational Science and Engineering, 2016, 12, 113.	0.5	21
43	Fuzzy-information-based robustness of interconnected networks against attacks and failures. Physica A: Statistical Mechanics and Its Applications, 2016, 458, 194-203.	2.6	8
44	Image encryption based on three-dimensional bit matrix permutation. Signal Processing, 2016, 118, 36-50.	3.7	186
45	Gyrator transform based double random phase encoding with sparse representation for information authentication. Optics and Laser Technology, 2015, 70, 50-58.	4.6	37
46	Reusing the permutation matrix dynamically for efficient image cryptographic algorithm. Signal Processing, 2015, 111, 294-307.	3.7	50
47	Optical image encryption scheme using 3-D chaotic map based joint image scrambling and random encoding in gyrator domains. Optics Communications, 2015, 341, 263-270.	2.1	39
48	An efficient image encryption scheme using gray code based permutation approach. Optics and Lasers in Engineering, 2015, 67, 191-204.	3.8	71
49	Color image encryption based on paired interpermuting planes. Optics Communications, 2015, 338, 199-208.	2.1	28
50	Analysis and improvement of a double-image encryption scheme using pixel scrambling technique in gyrator domains. Optics and Lasers in Engineering, 2015, 66, 1-9.	3.8	65
51	A fast chaos-based image encryption scheme with a dynamic state variables selection mechanism. Communications in Nonlinear Science and Numerical Simulation, 2015, 20, 846-860.	3.3	131
52	A SOCIAL NETWORK MODEL WITH PROXIMITY PRESTIGE PROPERTY. Journal of Applied Analysis and Computation, 2015, 5, 177-188.	0.5	4
53	A Multiaddress Co-Chaos Shift Keying Communication Scheme and Performance Analysis. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450050.	1.7	0
54	Modified Projective Outer Synchronization between Two Fractional Order Complex Networks via Adaptive Control. Discrete Dynamics in Nature and Society, 2014, 2014, 1-8.	0.9	3

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55	An Efficient Diffusion Scheme for Chaos-Based Digital Image Encryption. Mathematical Problems in Engineering, 2014, 2014, 1-13.	1.1	9
56	Chaos-Fractals Theories and Applications. Mathematical Problems in Engineering, 2014, 2014, 1-1.	1.1	0
57	Modified Projective Synchronization between Different Fractional-Order Systems Based on Open-Plus-Closed-Loop Control and Its Application in Image Encryption. Mathematical Problems in Engineering, 2014, 2014, 1-10.	1.1	4
58	A novel double-image encryption scheme based on cross-image pixel scrambling in gyrator domains. Optics Express, 2014, 22, 7349.	3.4	67
59	A new pipe routing method for aero-engines based on genetic algorithm. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2014, 228, 424-434.	1.3	40
60	Fast Single Image Super-Resolution via Self-Example Learning and Sparse Representation. IEEE Transactions on Multimedia, 2014, 16, 2178-2190.	7.2	110
61	A fast image encryption scheme with a novel pixel swapping-based confusion approach. Nonlinear Dynamics, 2014, 77, 1191-1207.	5.2	67
62	A fast chaos-based symmetric image cryptosystem with an improved diffusion scheme. Optik, 2014, 125, 2472-2478.	2.9	31
63	Design of Finite-Time Synchronization Controller and Its Application to Security Communication System. Applied Mathematics and Information Sciences, 2014, 8, 387-391.	0.5	2
64	An image encryption scheme using reverse 2-dimensional chaotic map and dependent diffusion. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 2066-2080.	3.3	111
65	Integral sliding mode controller design for congestion problem in ATM networks. International Journal of Control, 2013, 86, 529-539.	1.9	10
66	A symmetric color image encryption algorithm using the intrinsic features of bit distributions. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 584-600.	3.3	135
67	An improved permutation-diffusion type image cipher with a chaotic orbit perturbing mechanism. Optics Express, 2013, 21, 27873.	3.4	49
68	Modified Function Projective Synchronization of Fractional Order Chaotic Systems with Different Dimensions. Discrete Dynamics in Nature and Society, 2013, 2013, 1-7.	0.9	4
69	Sampled-data synchronization control of chaotic systems based on min-max approach. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 170510.	0.5	0
70	SCALE-FREE LUBY TRANSFORM CODES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250094.	1.7	8
71	Performance Analysis of LT Codes with Different Degree Distribution. , 2012, , .		7
72	The Generation of Hyperchaotic System and its Circuit Implementation. , 2012, , .		0

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73	A Chaos-based Joint Compression and Encryption Scheme Using Mutated Adaptive Huffman Tree. , 2012, , .		5
74	The Bidirectional Coupled Synchronization of Chaotic System Using Finite-time Control. , 2012, , .		0
75	Decomposition analysis of energy-related carbon dioxide emissions in the iron and steel industry in China. Frontiers of Environmental Science and Engineering, 2012, 6, 265-270.	6.0	31
76	An image encryption scheme using lightweight bit-level confusion and cascade cross circular diffusion. Optics Communications, 2012, 285, 2343-2354.	2.1	40
77	Real-time Face Detection Algorithm Using Fractal Features in MPEG-4 Video Stream. Journal of Convergence Information Technology, 2012, 7, 54-62.	0.1	8
78	Design of \hat{H} Synchronization Controller for Chaos System and Its Application to Security Communication System. Advanced Science Letters, 2012, 6, 364-368.	0.2	0
79	A New Chaotic Encryption Scheme Based on Enigma Machine. , 2011, , .		1
80	A chaos-based symmetric image encryption scheme using a bit-level permutation. Information Sciences, 2011, 181, 1171-1186.	6.9	557
81	A new measure to identify the hub in urban traffic networks. , 2011, , .		0
82	One-Way Hash Function Construction Based on Chaotic Coupled Map Network. , 2011, , .		4
83	A Chaotic Image Encryption Scheme Based on Magic Cube Transformation. , 2011, , .		7
84	A New Immunization Strategy for Complex Network. , 2011, , .		4
85	An Enhanced PMA-DCSK Scheme and Performance Evaluation. , 2011, , .		0
86	A Method of Chaotic Generalized Synchronization with the Stability of Error System. Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology, 2011, 30, 2987-2990.	0.1	0
87	Face Detection Based on Fractal and Complexion Model in the Complex Background. , 2010, , .		1
88	Cryptanalysis and Improvement on a Block Encryption Algorithm Based on Dynamic Sequences of Multiple Chaotic Systems. , 2010, , .		1
89	Fractal Color Image Coding Based on Isosceles Triangle Segmentation. , 2010, , .		2
90	Design of fuzzy immune control law for synchronization of discrete time-delay chaotic system. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
91	Efficient fractal image compression based on pixels distribution and triangular segmentation. Journal of Computer Applications, 2010, 30, 337-340.	0.1	4
92	Research and Implementation of Embedded Intelligent Network Self-Healing Equipment Based on E1 Link. , 2009, , .		0
93	Flocking in Multi-agent Systems with a Bounded Control Input. , 2009, , .		12
94	An Image Encryption Scheme Based on Chaotic Maps. , 2009, , .		7
95	An Efficient Encryption Algorithm Based on Image Reconstruction. , 2009, , .		3
96	A New Hyper-Chaos Generated from Chen's System via an External Periodic Perturbation. , 2009, , .		2
97	Fractal Image Compression Based on Number of Hopping and Variance of Continuing Positive and Negative Pixels. , 2008, , .		1
98	An approach of chaotic generalized synchronization with the space transformation. , 2008, , .		1
99	Generalized synchronization of multi-dimension hyperchaotic systems. , 2008, , .		0
100	Research and Analysis of Securities Market based on Multi-Fractal Generator. , 2008, , .		0
101	Analysis of the Chaotic Phenomena in Securities Business of China. Lecture Notes in Computer Science, 2005, , 1044-1047.	1.3	0
102	Waste Heat Recovery and Reuse of Flue Gas in Copper Pyrometallurgy. Applied Mechanics and Materials, 0, 71-78, 2239-2242.	0.2	2