Jun Feng

List of Publications by Year
in descending order

27 papers	599 citations	687363 13 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	598 citing authors

#	Article	IF	Citations
1	A genetic algorithm for constructing bijective substitution boxes with high nonlinearity. Information Sciences, 2020, 523, 152-166.	6.9	71
2	A Tensor-Based Big Service Framework for Enhanced Living Environments. IEEE Cloud Computing, 2016, 3, 36-43.	3.9	70
3	A Tensor Computation and Optimization Model for Cyber-Physical-Social Big Data. IEEE Transactions on Sustainable Computing, 2019, 4, 326-339.	3.1	59
4	Privacy-Preserving Tensor Decomposition Over Encrypted Data in a Federated Cloud Environment. IEEE Transactions on Dependable and Secure Computing, 2020, 17, 857-868.	5.4	58
5	Privacy Preserving High-Order Bi-Lanczos in Cloud–Fog Computing for Industrial Applications. IEEE Transactions on Industrial Informatics, 2022, 18, 7009-7018.	11.3	43
6	Parallel GNFS algorithm integrated with parallel block Wiedemann algorithm for RSA security in cloud computing. Information Sciences, 2017, 387, 254-265.	6.9	28
7	Secure Tensor Decomposition Using Fully Homomorphic Encryption Scheme. IEEE Transactions on Cloud Computing, 2018, 6, 868-878.	4.4	28
8	Practical Privacy-preserving High-order Bi-Lanczos in Integrated Edge-Fog-Cloud Architecture for Cyber-Physical-Social Systems. ACM Transactions on Internet Technology, 2019, 19, 1-18.	4.4	27
9	A Secure High-Order Lanczos-Based Orthogonal Tensor SVD for Big Data Reduction in Cloud Environment. IEEE Transactions on Big Data, 2019, 5, 355-367.	6.1	24
10	Privacy-preserving computation in cyber-physical-social systems: A survey of the state-of-the-art and perspectives. Information Sciences, 2020, 527, 341-355.	6.9	24
11	Privacy-Preserving Tucker Train Decomposition Over Blockchain-Based Encrypted Industrial IoT Data. IEEE Transactions on Industrial Informatics, 2021, 17, 4904-4913.	11.3	22
12	Privacy-Preserving Tensor Analysis and Processing Models for Wireless Internet of Things. IEEE Wireless Communications, 2018, 25, 98-103.	9.0	19
13	A tensor-network-based big data fusion framework for Cyber–Physical–Social Systems (CPSS). Information Fusion, 2021, 76, 337-354.	19.1	15
14	Differentially private data fusion and deep learning Framework for Cyber–Physical–Social Systems: State-of-the-art and perspectives. Information Fusion, 2021, 76, 298-314.	19.1	15
15	Differentially Private Tensor Train Deep Computation for Internet of Multimedia Things. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-20.	4.3	14
16	Tensor-based Big Biometric Data Reduction in Cloud. IEEE Cloud Computing, 2018, 5, 38-46.	3.9	13
17	Differentially Private Tensor Train Decomposition in Edge-Cloud Computing for SDN-Based Internet of Things. IEEE Internet of Things Journal, 2020, 7, 5695-5705.	8.7	12
18	A Tensor-Based Forensics Framework for Virtualized Network Functions in the Internet of Things: Utilizing Tensor Algebra in Facilitating More Efficient Network Forensic Investigations. IEEE Consumer Electronics Magazine, 2019, 8, 23-27.	2.3	11

#	Article	IF	Citations
19	An Improved Secure High-Order-Lanczos Based Orthogonal Tensor SVD for Outsourced Cyber-Physical-Social Big Data Reduction. IEEE Transactions on Big Data, 2018, , 1-1.	6.1	10
20	Edgeâ€"Cloud-Aided Differentially Private Tucker Decomposition for Cyberâ€"Physicalâ€"Social Systems. IEEE Internet of Things Journal, 2022, 9, 8387-8396.	8.7	8
21	A Tensor-Based Optimization Model for Secure Sustainable Cyber-Physical-Social Big Data Computations. IEEE Transactions on Sustainable Computing, 2020, 5, 223-234.	3.1	7
22	Blockchain-enabled Tensor-based Conditional Deep Convolutional GAN for Cyber-physical-Social Systems. ACM Transactions on Internet Technology, 2021, 21, 1-17.	4.4	7
23	An improved parallel block Lanczos algorithm over GF(2) for integer factorization. Information Sciences, 2017, 379, 257-273.	6.9	6
24	Efficiently computable endomorphism for genus 3 hyperelliptic curve cryptosystems. Information Processing Letters, 2013, 113, 405-408.	0.6	3
25	Secure Outsourced Principal Eigentensor Computation for Cyber-Physical-Social Systems. IEEE Transactions on Sustainable Computing, 2021, 6, 119-130.	3.1	3
26	Tensor-Based GAN to Defense Adversarial Attacks for Cyber-Physical-Social System. IEEE Transactions on Network Science and Engineering, 2024, , 1-1.	6.4	2
27	Differentially Private Tensor Deep Computation for Cyberâ€"Physicalâ€"Social Systems. IEEE Transactions on Computational Social Systems, 2021, 8, 236-245.	4.4	0