

Da-Wei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

615
citations

687363

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677142

22
g-index

58
all docs

58
docs citations

58
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Household Structure Projection: A Monte-Carlo based Approach. , 2022, , .		1
2	Changing of Spreading Dynamics for Infectious Diseases in an Aging Society: A Simulation Case Study on Flu Pandemic. , 2021, , .		1
3	Disrupted metabolic connectivity in dopaminergic and cholinergic networks at different stages of dementia from 18F-FDG PET brain persistent homology network. Scientific Reports, 2021, 11, 5396.	3.3	5
4	Sensible Functional Linear Discriminant Analysis Effectively Discriminates Enhanced Raman Spectra of <i>Mycobacterium</i> Species. Analytical Chemistry, 2021, 93, 2785-2792.	6.5	15
5	Changing of Spreading Dynamics for Infectious Diseases in an Aging Society: A Simulation Case Study on Flu Pandemic. , 2021, , .		0
6	Optimal Branch Location for Cost-effective Inference on Branchynet. , 2021, , .		1
7	Applying Deep Learning for Surrogate Construction of Simulation Systems. Advances in Intelligent Systems and Computing, 2019, , 335-350.	0.6	1
8	Study Simulated Epidemics with Deep Learning. , 2019, , .		0
9	Toward Automatic Reporting of Infectious Diseases. Studies in Health Technology and Informatics, 2017, 245, 808-812.	0.3	1
10	A logical framework for privacy-preserving social network publication. Journal of Applied Logic, 2014, 12, 151-174.	1.1	17
11	Determinants of Receiving the Pandemic (H1N1) 2009 Vaccine and Intention to Receive the Seasonal Influenza Vaccine in Taiwan. PLoS ONE, 2014, 9, e101083.	2.5	16
12	Simple and Efficient Algorithms to Get a Finer Resolution in a Stochastic Discrete Time Agent-Based Simulation. Advances in Intelligent Systems and Computing, 2014, , 97-109.	0.6	1
13	Floating Point Arithmetic Protocols for Constructing Secure Data Analysis Application. Procedia Computer Science, 2013, 22, 152-161.	2.0	15
14	A Scripting Language for Automating Secure Multiparty Computation. , 2013, , .		0
15	Privacy-Preserving Social Network Publication Based on Positional Indiscernibility. Lecture Notes in Computer Science, 2013, , 311-324.	1.3	2
16	Representative Contact Diaries for Modeling the Spread of Infectious Diseases in Taiwan. PLoS ONE, 2012, 7, e45113.	2.5	56
17	A Probabilistic Hybrid Logic for Sanitized Information Systems. Lecture Notes in Computer Science, 2012, , 500-513.	1.3	0
18	Cost-Sensitive Classification on Pathogen Species of Bacterial Meningitis by Surface Enhanced Raman Scattering. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
19	Hybrid SVM/CART classification of pathogenic species of bacterial meningitis with surface-enhanced Raman scattering. , 2010, , .		4
20	Efficient Simulation of the Spatial Transmission Dynamics of Influenza. PLoS ONE, 2010, 5, e13292.	2.5	20
21	Multiscale Peak Identification for Bacterial SERS Spectra. , 2009, , .		2
22	A High Speed Detection Platform Based on Surface-Enhanced Raman Scattering for Monitoring Antibiotic-Induced Chemical Changes in Bacteria Cell Wall. PLoS ONE, 2009, 4, e5470.	2.5	144
23	Membrane Targeting and Coupling of NHE1-Integrin β 3-NCX1 by Lipid Rafts following Integrin-Ligand Interactions Trigger Ca ²⁺ Oscillations. Journal of Biological Chemistry, 2009, 284, 3855-3864.	3.4	25
24	Exploiting Spectral Reuse in Routing, Resource Allocation, and Scheduling for IEEE 802.16 Mesh Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 301-313.	6.3	23
25	An Approximation Algorithm and Dynamic Programming for Reduction in Heterogeneous Environments. Algorithmica, 2009, 53, 425-453.	1.3	3
26	Toward Empirical Aspects of Secure Scalar Product. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2009, 39, 440-447.	2.9	23
27	An Empirical Study on Privacy and Secure Multi-party Computation Using Exponentiation. , 2009, , .		2
28	Scalar-product based secure two-party computation. , 2008, , .		6
29	A Multiscale Approach for Surface-enhanced Raman Spectroscopy (SERS) Spectrum Representation and its Application to Bacterial Discrimination. , 2008, , .		3
30	Towards efficient privacy-preserving collaborative recommender systems. , 2008, , .		11
31	Logical definability in social position analysis. , 2008, , .		2
32	Towards Empirical Aspects of Secure Scalar Product. , 2008, , .		9
33	An Aspect-Oriented Approach to Privacy-Aware Access Control. , 2007, , .		6
34	Information-Theoretically Secure Number-Product Protocol. , 2007, , .		12
35	Exploiting Spectral Reuse in Resource Allocation, Scheduling, and Routing for IEEE 802.16 Mesh Networks. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	12
36	An epistemic framework for privacy protection in database linking. Data and Knowledge Engineering, 2007, 61, 176-205.	3.4	9

#	ARTICLE	IF	CITATIONS
37	Granulation as a Privacy Protection Mechanism. , 2007, , 256-273.		0
38	Privacy Protection in Social Network Data Disclosure Based on Granular Computing. , 2006, , .		11
39	Value versus damage of information release: A data privacy perspective. International Journal of Approximate Reasoning, 2006, 43, 179-201.	3.3	5
40	Stepped Changes of Monovalent Ligand-binding Force during Ligand-induced Clustering of Integrin $\alpha 5 \beta 1$. Journal of Biological Chemistry, 2006, 281, 25466-25474.	3.4	7
41	Information Theoretical Analysis of Two-Party Secret Computation. Lecture Notes in Computer Science, 2006, , 310-317.	1.3	9
42	A GrC-Based Approach to Social Network Data Protection. Lecture Notes in Computer Science, 2006, , 438-447.	1.3	1
43	Two Variations of the Minimum Steiner Problem. Journal of Combinatorial Optimization, 2005, 9, 101-120.	1.3	3
44	Secrecy of Two-Party Secure Computation. Lecture Notes in Computer Science, 2005, , 114-123.	1.3	16
45	On the Damage and Compensation of Privacy Leakage. , 2004, , 311-324.		4
46	Medical privacy protection based on granular computing. Artificial Intelligence in Medicine, 2004, 32, 137-149.	6.5	29
47	Bounds on the client-server incremental computing. , 2004, , .		1
48	Preserving confidentiality when sharing medical database with the Cellsecu system. International Journal of Medical Informatics, 2003, 71, 17-23.	3.3	22
49	Efficient parallel I/O scheduling in the presence of data duplication. , 2003, , .		3
50	How Much Privacy? " A System to Safe Guard Personal Privacy while Releasing Databases. Lecture Notes in Computer Science, 2002, , 226-233.	1.3	7
51	A Logical Model for Privacy Protection. Lecture Notes in Computer Science, 2001, , 110-124.	1.3	15
52	Applications of optical tweezers and an integrated force measurement module for biomedical research. , 2000, 4082, 213.		3
53	Rooted Spanning Trees in Tournaments. Graphs and Combinatorics, 2000, 16, 411-427.	0.4	3
54	Onk-ary spanning trees of tournaments. Journal of Graph Theory, 1999, 30, 167-176.	0.9	1

#	ARTICLE	IF	CITATIONS
55	On avoidable and unavoidable claws. Discrete Mathematics, 1998, 184, 259-265.	0.7	11
56	Reduction optimization in heterogeneous cluster environments. , 0, , .		6
57	Attribute-oriented Granulation for Privacy Protection. , 0, , .		1
58	Generalized Edge Coloring for Channel Assignment in Wireless Networks. , 0, , .		5