Peter Bertok

List of Publications by Year
in descending order

		933447	610901
50 papers	**695** citations	**10** h-index	**24** g-index
52 all docs	**52** docs citations	**52** times ranked	**668** citing authors

#	Article	IF	Citations
1	Local Differential Privacy for Deep Learning. IEEE Internet of Things Journal, 2020, 7, 5827-5842.	8.7	116
2	A Trustworthy Privacy Preserving Framework for Machine Learning in Industrial IoT Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 6092-6102.	11.3	138
3	Access Control and Information Flow Control for Web Services Security. , 2020, , 185-219.		0
4	Context-Aware Multifaceted Trust Framework For Evaluating Trustworthiness of Cloud Providers. Future Generation Computer Systems, 2018, 79, 488-499.	7.5	30
5	Trusting Cloud Service Providers: Trust Phases and a Taxonomy of Trust Factors. IEEE Cloud Computing, 2017, 4, 44-54.	3.9	25
6	Access Control and Information Flow Control for Web Services Security. International Journal of Information Technology and Web Engineering, 2016, 11, 44-76.	1.6	2
7	The mediator authorization-security model for heterogeneous semantic knowledge bases. Future Generation Computer Systems, 2016, 55, 227-237.	7.5	3
8	Security and Privacy in Cloud Computing: Vision, Trends, and Challenges. IEEE Cloud Computing, 2015, 2, 30-38.	3.9	57
9	Towards an architecture for managing semantic knowledge in semantic repositories. International Journal of Parallel, Emergent and Distributed Systems, 2015, 30, 411-425.	1.0	1
10	Synthesising End-to-End Security Protocols. , 2014, , .		0
11	Efficient and effective realtime prediction of drive-by download attacks. Journal of Network and Computer Applications, 2014, 38, 135-149.	9.1	26
12	Authorization Control for a Semantic Data Repository through an Inference Policy Engine. IEEE Transactions on Dependable and Secure Computing, 2013, 10, 328-340.	5.4	5
13	An Endorsement Trust Model. , 2013, , .		0
14	Optimized Energy Management for Mixed Uplink Traffic in LTE UE. Journal of Networks, 2013, 8, .	0.4	2
15	Building Web services middleware with predictable execution times. World Wide Web, 2012, 15, 685-744.	4.0	3
16	Distributed Store for Ontology Data Management. Studies in Computational Intelligence, 2012, , 15-35.	0.9	0
17	Securing Data Privacy on Mobile Devices in Emergency Health Situations. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 119-130.	0.3	4
18	A Spring Based Framework for Verification of Service Composition. , 2011, , .		7

#	ARTICLE	IF	CITATIONS
19	Failed node replacement policies for maximising sensor network lifetime. , 2011, , .		5
20	Using Real-Time Scheduling Principles in Web Service Clusters to Achieve Predictability of Service Execution. Lecture Notes in Computer Science, 2010, , 197-212.	1.3	1
21	An analytical framework for identifying redundant sensor nodes from a dense sensor network. , 2010, , .		3
22	An analytical model of TCP flow in multi-hop wireless networks. , 2010, , .		1
23	Security, Privacy and Interoperability in Heterogeneous Systems. International Federation for Information Processing, 2010, , 713-721.	0.4	1
24	Building Web Services Middleware with Predictable Service Execution. Lecture Notes in Computer Science, 2010, , 23-37.	1.3	1
25	A Variable Threats Based Self-Organization Scheme for Wireless Sensor Networks. , 2009, , .		1
26	A program-based anomaly intrusion detection scheme using multiple detection engines and fuzzy inference. Journal of Network and Computer Applications, 2009, 32, 1219-1228.	9.1	102
27	Modeling of BPEL Composite Services Using Clustered Coloured Petri-Nets. , 2009, , .		1
28	Achieving Predictability and Service Differentiation in Web Services. Lecture Notes in Computer Science, 2009, , 364-372.	1.3	6
29	Information Flow Control for Cooperation Support in Virtual Enterprises. IFIP Advances in Information and Communication Technology, 2009, , 581-590.	0.7	2
30	Similarity-Based SOAP Multicast Protocol to Reduce Bandwith and Latency in Web Services. IEEE Transactions on Services Computing, 2008, 1, 88-103.	4.6	20
31	Taxonomy and Framework for Integrating Dependability and Security. , 2008, , 149-170.		8
32	Replication of location-dependent data in mobile ad hoc networks. , 2008, , .		3
33	A mathematical approach to object oriented design patterns. Journal of the National Science Foundation of Sri Lanka, 2008, 36, 219.	0.2	0
34	Dynamic Adaptation, Composition and Orchestration of Web Services in Virtual Environments. International Federation for Information Processing, 2008, , 501-508.	0.4	1
35	eSMP: A Multicast Protocol to Minimize SOAP Network Traffic in Low Bandwidth Environments. , 2007, , .		10
36	An analytical study of cache invalidation algorithms in mobile environments. International Journal of Pervasive Computing and Communications, 2007, 2, 3-14.	1.3	2

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37	Minimal Traffic-Constrained Similarity-Based SOAP Multicast Routing Protocol. , 2007, , 558-576.		2
38	Optimizing Web Services Performance by Using Similarity-Based Multicast Protocol. , 2006, , .		8
39	Cost based web services transaction management. International Journal of Web and Grid Services, 2006, 2, 198.	0.5	4
40	A benchmark on soap's transport protocols performance for mobile applications. , 2006, , .		21
41	Wireless Interactive Teaching by Using Keypad-Based ARS. , 2006, , 209-221.		5
42	A Dynamic Label Checking Approach for Information Flow Control in Web Services. International Journal of Web Services Research, 2006, 3, 1-28.	0.8	11
43	Infrastructure Support for Smart Organizations. , 2006, , 257-288.		0
44	Supporting User Mobility through Cache Relocation. Mobile Information Systems, 2005, 1, 275-307.	0.6	5
45	Protecting Consumer Data in Composite Web Services. IFIP Advances in Information and Communication Technology, 2005, , 19-34.	0.7	7
46	Cost efficient broadcast based cache invalidation for mobile environments. , 2003, , .		7
47	A Variable Cache Consistency Protocol for Mobile Systems Using Time Locks. Lecture Notes in Computer Science, 2003, , 153-166.	1.3	1
48	An Analytical Study of Broadcast Based Cache Invalidation in Mobile Computing Networks. Lecture Notes in Computer Science, 2003, , 554-572.	1.3	3
49	Real-time monitoring system of tool breakage using Kalman filtering. Robotics and Computer-Integrated Manufacturing, 1985, 2, 33-40.	9.9	33
50	Dynamic, Flow Control-Based Information Management for Web Services. Advances in Web Services Research Series, 0, , 260-303.	0.0	0