

# Deepak K Tosh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

748  
citations

14  
h-index

27  
g-index

47  
ext. papers

984  
ext. citations

2.3  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
40	Edge-based Optimal Routing in SDN-enabled Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	1
39	Tikiri Towards a lightweight blockchain for IoT. <i>Future Generation Computer Systems</i> , <b>2021</b> , 119, 154-165	7.5	7
38	Quantitative Risk Modeling and Analysis for Large-Scale Cyber-Physical Systems <b>2020</b> ,		1
37	Dynamic Cyber Deception Using Partially Observable Monte-Carlo Planning Framework <b>2020</b> , 331-355		3
36	Achieving Sensor Identification and Data Flow Integrity in Critical Cyber-Physical Infrastructures <b>2020</b> ,		1
35	A Reliable Data Provenance and Privacy Preservation Architecture for Business-Driven Cyber-Physical Systems Using Blockchain <b>2020</b> , 597-612		
34	Towards Security of Cyber-Physical Systems using Quantum Computing Algorithms <b>2020</b> ,		3
33	Non-Intrusive Deployment of Blockchain in Establishing Cyber-Infrastructure for Smart City <b>2019</b> ,		7
32	Data Provenance in the Cloud: A Blockchain-Based Approach. <i>IEEE Consumer Electronics Magazine</i> , <b>2019</b> , 8, 38-44	3.2	22
31	ProvChain: Blockchain-based Cloud Data Provenance <b>2019</b> , 67-94		4
30	Blockcloud Security Analysis <b>2019</b> , 159-192		
29	Online Cyber Deception System Using Partially Observable Monte-Carlo Planning Framework. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2019</b> , 205-223	0.2	2
28	Scalable Blockchain Implementation for Edge-based Internet of Things Platform <b>2019</b> ,		2
27	Evaluating Usability of Permissioned Blockchain for Internet-of-Battlefield Things Security <b>2019</b> ,		2
26	Towards Security and Privacy of SCADA Systems through Decentralized Architecture <b>2019</b> ,		5
25	Establishing evolutionary game models for CYBer security information EXchange (CYBEX). <i>Journal of Computer and System Sciences</i> , <b>2018</b> , 98, 27-52	1	21
24	Towards Blockchain Empowered Trusted and Accountable Data Sharing and Collaboration in Mobile Healthcare Applications. <i>EAI Endorsed Transactions on Pervasive Health and Technology</i> , <b>2018</b> , 4, 159338	1.8	2

23	Towards a Reliable and Accountable Cyber Supply Chain in Energy Delivery System Using Blockchain. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2018</b> , 43-62	0.2	6
22	Exploring the Attack Surfaces in Blockchain Enabled Smart Cities <b>2018</b> ,		14
21	Blockchain-Empowered Secure Internet -of- Battlefield Things (IoBT) Architecture <b>2018</b> ,		11
20	<b>2018</b> ,		22
19	A Reliable Data Provenance and Privacy Preservation Architecture for Business-Driven Cyber-Physical Systems Using Blockchain. <i>International Journal of Information Security and Privacy</i> , <b>2018</b> , 12, 68-81	0.9	5
18	Towards a Trusted and Privacy Preserving Membership Service in Distributed Ledger Using Intel Software Guard Extensions. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 304-310	0.9	1
17	Risk Management Using Cyber-Threat Information Sharing and Cyber-Insurance. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 154-164	0.2	9
16	Three Layer Game Theoretic Decision Framework for Cyber-Investment and Cyber-Insurance. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 519-532	0.9	10
15	An SDN Based Framework for Guaranteeing Security and Performance in Information-Centric Cloud Networks <b>2017</b> ,		6
14	Attribute based sharing in cybersecurity information exchange framework <b>2017</b> ,		14
13	Security Implications of Blockchain Cloud with Analysis of Block Withholding Attack <b>2017</b> ,		95
12	ProvChain: A Blockchain-Based Data Provenance Architecture in Cloud Environment with Enhanced Privacy and Availability <b>2017</b> ,		303
11	Consensus protocols for blockchain-based data provenance: Challenges and opportunities <b>2017</b> ,		40
10	Privacy-preserving cybersecurity information exchange mechanism <b>2017</b> ,		20
9	3-Way game model for privacy-preserving cybersecurity information exchange framework <b>2017</b> ,		16
8	<b>2015</b> ,		33
7	Heterogeneous access network(s) selection in multi-interface radio devices <b>2015</b> ,		5
6	Game Theoretic Modeling to Enforce Security Information Sharing among Firms <b>2015</b> ,		16

5	Cyber-Threats Information Sharing in Cloud Computing: A Game Theoretic Approach <b>2015</b> ,	17
4	Cyber-Investment and Cyber-Information Exchange Decision Modeling <b>2015</b> ,	15
3	Self-Coexistence in Cognitive Radio Networks Using Multi-Stage Perception Learning <b>2013</b> ,	5
2	Cognitive Radio Parameter Adaptation Using Multi-objective Evolutionary Algorithm. <i>Advances in Intelligent and Soft Computing</i> , <b>2012</b> , 737-748	2
1	Resilient sensor authentication in SCADA by integrating physical unclonable function and blockchain. <i>Cluster Computing</i> ,1	2.1 0