Dheerendra Mishra

List of Publications by Year
in descending order

74	1,504	411340 20	388640 36
papers	citations	h-index	g-index

77	77	77	1070
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PSMECS: A provably secure IDâ€based communication in mobile edge computing. International Journal of Communication Systems, 2023, 36, e4116.	1.6	2
2	PSSCC: Provably secure communication framework for crowdsourced industrial Internet of Things environments. Software - Practice and Experience, 2022, 52, 744-755.	2.5	8
3	Efficient design of an authenticated key agreement protocol for dew-assisted IoT systems. Journal of Supercomputing, 2022, 78, 3696-3714.	2.4	13
4	Construction of elliptic curve cryptographyâ€based authentication protocol for internet of things. Security and Privacy, 2022, 5, .	1.9	4
5	Chaos-Based Content Distribution Framework for Digital Rights Management System. IEEE Systems Journal, 2021, 15, 570-576.	2.9	6
6	SFEEC: Provably Secure Signcryption-Based Big Data Security Framework for Energy-Efficient Computing Environment. IEEE Systems Journal, 2021, 15, 598-606.	2.9	6
7	Computational Efficient Authenticated Digital Content Distribution Frameworks for DRM Systems: Review and Outlook. IEEE Systems Journal, 2021, 15, 1586-1593.	2.9	8
8	Cryptanalysis and improvement of biometric based content distribution framework for digital rights management systems. Security and Privacy, 2021, 4, e133.	1.9	1
9	Privacy-Preserving Key Agreement Protocol for Fog Computing Supported Internet of Things Environment. Wireless Personal Communications, 2021, 119, 727-747.	1.8	5
10	An authenticated access control framework for digital right management system. Multimedia Tools and Applications, 2021, 80, 25255.	2.6	8
11	Lattice-based key agreement protocol under ring-LWE problem for IoT-enabled smart devices. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	0.8	12
12	Blockchain-based multimedia content distribution with the assured system update mechanism. Multimedia Tools and Applications, 2021, 80, 29423-29436.	2.6	1
13	Construction of a Chaotic Map-Based Authentication Protocol for TMIS. Journal of Medical Systems, 2021, 45, 77.	2.2	6
14	A provably secure content distribution framework for portable DRM systems. Journal of Information Security and Applications, 2021, 61, 102928.	1.8	5
15	Computationally Efficient and Secure Session Key Agreement Techniques for Vehicular Cloud Computing. Lecture Notes in Electrical Engineering, 2021, , 453-467.	0.3	2
16	Privacy Preserving Location-based Content Distribution Framework for Digital Rights Management Systems. , 2021, , .		2
17	Construction of Lightweight Content key Distribution Framework for DRM systems. , 2021, , .		2
18	Construction of lightweight authentication scheme for network applicants using smart cards. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	0.8	5

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19	LCPPA: Latticeâ€based conditional privacy preserving authentication in vehicular communication. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3810.	2.6	20
20	Construction of RSA-Based Authentication Scheme in Authorized Access to Healthcare Services. Journal of Medical Systems, 2020, 44, 6.	2.2	31
21	RSEAP: RFID based secure and efficient authentication protocol for vehicular cloud computing. Vehicular Communications, 2020, 22, 100213.	2.7	49
22	1-out-of-2: post-quantum oblivious transfer protocols based on multivariate public key cryptography. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	0.8	1
23	A provably secure dynamic ID-based authenticated key agreement framework for mobile edge computing without a trusted party. Journal of Information Security and Applications, 2020, 55, 102648.	1.8	22
24	A secure authentication framework for WSN-based safety monitoring in coal mines. Sadhana - Academy Proceedings in Engineering Sciences, 2020, 45, 1.	0.8	4
25	PALK: Password-based anonymous lightweight key agreement framework for smart grid. International Journal of Electrical Power and Energy Systems, 2020, 121, 106121.	3.3	56
26	Authenticated content distribution framework for digital rights management systems with smart card revocation. International Journal of Communication Systems, 2020, 33, e4388.	1.6	2
27	Understanding signcryption security in standard model. Security and Privacy, 2020, 3, e105.	1.9	3
28	Efficient and Secure Attribute Based Access Control Architecture for Smart Healthcare. Journal of Medical Systems, 2020, 44, 97.	2.2	23
29	Post-quantum digital signature scheme based on multivariate cubic problem. Journal of Information Security and Applications, 2020, 53, 102512.	1.8	9
30	Secure and ubiquitous authenticated content distribution framework for IoT enabled DRM system. Multimedia Tools and Applications, 2020, 79, 20319-20341.	2.6	10
31	SFVCC: Chaotic mapâ€based security framework for vehicular cloud computing. IET Intelligent Transport Systems, 2020, 14, 241-249.	1.7	14
32	Reply to comment on â€˜SFVCC: Chaotic mapâ€based security framework for vehicular cloud computingâ€™. IET Intelligent Transport Systems, 2020, 14, 1724-1724.	1.7	1
33	Construction of Identity Based Signcryption Using Learning with Rounding. Communications in Computer and Information Science, 2020, , 612-626.	0.4	1
34	An Authentication Framework for Roaming Service in Global Mobility Networks. Information Technology and Control, 2019, 48, .	1.1	5
35	Provably secure biometric based authentication and key agreement protocol for wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 875-895.	3.3	22
36	Efficient authentication protocol for secure multimedia communications in IoT-enabled wireless sensor networks. Multimedia Tools and Applications, 2018, 77, 18295-18325.	2.6	69

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37	Privacy Preserving Password-Based Multi-server Authenticated Key Agreement Protocol Using Smart Card. Wireless Personal Communications, 2018, 99, 1-21.	1.8	7
38	Efficient and secure two-factor dynamic ID-based password authentication scheme with provable security. Cryptologia, 2018, 42, 146-175.	0.4	13
39	An anonymous biometricâ€based remote userâ€authenticated key agreement scheme for multimedia systems. International Journal of Communication Systems, 2017, 30, e2946.	1.6	23
40	An enhanced dynamic ID-based authentication scheme for telecare medical information systems. Journal of King Saud University - Computer and Information Sciences, 2017, 29, 54-62.	2.7	12
41	Improving Security of Lightweight Authentication Technique for Heterogeneous Wireless Sensor Networks. Wireless Personal Communications, 2017, 95, 3141-3166.	1.8	7
42	A password based authentication scheme for wireless multimedia systems. Multimedia Tools and Applications, 2017, 76, 25893-25918.	2.6	11
43	A Self-Verifiable Password Based Authentication Scheme for Multi-Server Architecture Using Smart Card. Wireless Personal Communications, 2017, 96, 6273-6297.	1.8	13
44	A Mutual Authentication Framework for Wireless Medical Sensor Networks. Journal of Medical Systems, 2017, 41, 80.	2.2	57
45	A privacy preserving biometric-based three-factor remote user authenticated key agreement scheme. Journal of Information Security and Applications, 2017, 32, 15-26.	1.8	21
46	Secure and efficient user authentication scheme for multi-gateway wireless sensor networks. Ad Hoc Networks, 2017, 54, 147-169.	3.4	122
47	Secure Lightweight User Authentication and Key Agreement Scheme for Wireless Sensor Networks Tailored for the Internet of Things Environment. Lecture Notes in Computer Science, 2016, , 45-65.	1.0	3
48	A Secure and Robust Smartcard-Based Authentication Scheme for Session Initiation Protocol Using Elliptic Curve Cryptography. Wireless Personal Communications, 2016, 91, 1361-1391.	1.8	7
49	Design of a secure smart card-based multi-server authentication scheme. Journal of Information Security and Applications, 2016, 30, 64-80.	1.8	18
50	A secure and efficient ECC-based user anonymity-preserving session initiation authentication protocol using smart card. Peer-to-Peer Networking and Applications, 2016, 9, 171-192.	2.6	73
51	Design of a password-based authenticated key exchange protocol for SIP. Multimedia Tools and Applications, 2016, 75, 16017-16038.	2.6	2
52	Design and Analysis of a Provably Secure Multi-server Authentication Scheme. Wireless Personal Communications, 2016, 86, 1095-1119.	1.8	26
53	An anonymous and secure biometricâ€based enterprise digital rights management system for mobile environment. Security and Communication Networks, 2015, 8, 3383-3404.	1.0	25
54	An improved biometric-based remote user authentication scheme for connected healthcare. International Journal of Ad Hoc and Ubiquitous Computing, 2015, 18, 75.	0.3	6

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55	Understanding Security Failures of Two Authentication and Key Agreement Schemes for Telecare Medicine Information Systems. Journal of Medical Systems, 2015, 39, 19.	2.2	20
56	A secure password-based authentication and key agreement scheme using smart cards. Journal of Information Security and Applications, 2015, 23, 28-43.	1.8	36
57	Design of a lightweight two-factor authentication scheme with smart card revocation. Journal of Information Security and Applications, 2015, 23, 44-53.	1.8	20
58	On the Security Flaws in ID-based Password Authentication Schemes for Telecare Medical Information Systems. Journal of Medical Systems, 2015, 39, 154.	2.2	32
59	On the security enhancement of integrated electronic patient records information systems. Computer Science and Information Systems, 2015, 12, 857-872.	0.7	6
60	Cryptanalysis of Two Authentication Scheme for DRM System. Communications in Computer and Information Science, 2014, , 184-191.	0.4	0
61	Security Enhancement of a Biometric based Authentication Scheme for Telecare Medicine Information Systems with Nonce. Journal of Medical Systems, 2014, 38, 41.	2.2	70
62	A secure user anonymity-preserving biometric-based multi-server authenticated key agreement scheme using smart cards. Expert Systems With Applications, 2014, 41, 8129-8143.	4.4	208
63	A privacy enabling content distribution framework for digital rights management. International Journal of Trust Management in Computing and Communications, 2014, 2, 22.	0.1	1
64	A Secure and Efficient Chaotic Map-Based Authenticated Key Agreement Scheme for Telecare Medicine Information Systems. Journal of Medical Systems, 2014, 38, 120.	2.2	58
65	Cryptanalysis and Improvement of Yan et al.â€™s Biometric-Based Authentication Scheme for Telecare Medicine Information Systems. Journal of Medical Systems, 2014, 38, 24.	2.2	73
66	Cryptanalysis of Yang et al.â€™s Digital Rights Management Authentication Scheme Based on Smart Card. Communications in Computer and Information Science, 2014, , 288-297.	0.4	9
67	Improved Biometric-Based Three-factor Remote User Authentication Scheme with Key Agreement Using Smart Card. Lecture Notes in Computer Science, 2013, , 63-77.	1.0	22
68	A Certificateless Authenticated Key Agreement Protocol for Digital Rights Management System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 568-577.	0.2	4
69	Secure Content Delivery in DRM System with Consumer Privacy. Lecture Notes in Computer Science, 2013, , 321-335.	1.0	2
70	A Pairing-Free Identity Based Authentication Framework for Cloud Computing. Lecture Notes in Computer Science, 2013, , 721-727.	1.0	17
71	Privacy rights management in multiparty multilevel DRM system. , 2012, , .		7
72	Privacy preserving hierarchical content distribution in multiparty multilevel DRM. , 2012, , .		1

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73	Towards a Secure, Transparent and Privacy-Preserving DRM System. Communications in Computer and Information Science, 2012, , 304-313.	0.4	3
74	Vector Space Access Structure and ID Based Distributed DRM Key Management. Communications in Computer and Information Science, 2011, , 223-232.	0.4	8