Table of Contents

International Journal of Information Security and Privacy

Volume 13 • Issue 2 • April-June-2019 • ISSN: 1930-1650 • eISSN: 1930-1669

An official publication of the Information Resources Management Association

Research Articles

1 Reversible Data Hiding Scheme for Video

T. Bhaskar, JNTUH, Hyderabad, India Madhu Oruganti, Department of ECE, Sreenidhi Institute of Science and Technology SNIST, Hyderabad, India

An Efficient, Secure, and Queryable Encryption for NoSQL-Based Databases Hosted on Untrusted Cloud Environments

Mamdouh Alenezi, Prince Sultan University, Riyadh, Saudi Arabia Muhammad Usama, Bahria University, Karachi, Pakistan Khaled Almustafa, Prince Sultan University, Riyadh, Saudi Arabia Waheed Iqbal, University of the Punjab, Lahore, Pakistan Muhammad Ali Raza, University of the Punjab, Lahore, Pakistan Tanveer Khan, COMSATS University, Islamabad, Pakistan

32 Cyber Defense Maturity Levels and Threat Models for Smart Cities

Ali Amur Al Shidhani, The Research Council, Muscat, Oman

47 Analysis and Text Classification of Privacy Policies From Rogue and Top-100 Fortune Global Companies

Martin Boldt, Blekinge Institute of Technology, Karlskrona, Sweden Kaavya Rekanar, Blekinge Institute of Technology, Karlskrona, Sweden

67 Design of Public-Key Algorithms Based on Partial Homomorphic Encryptions

Marwan Majeed Nayyef, Anbar University, Baghdad, Iraq Ali Makki Sagheer, University of Anbar, Baghdad, Iraq

86 A Mathematical Model of HMST Model on Malware Static Analysis

Satheesh Abimannan, VIT University, Vellore, India Kumaravelu R., VIT University, Vellore, India

104 Privacy Preservation Based on Separation Sensitive Attributes for Cloud Computing

Feng Xu, Nanjing University of Aeronautics and Astronautics, Collaborative Innovation Center of Novel Software Technology and Industrialization, Nanjing, China

Mingming Su, College of Computer Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing, China

Yating Hou, College of Computer Science and Technology, Nanjing University of Aeronautics and Astronautics, Nanjing, China

COPYRIGHT

The International Journal of Information Security and Privacy (IJISP) (ISSN 1930-1650; eISSN 1930-1669), Copyright © 2019 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Information Security and Privacy is indexed or listed in the following: ACM Digital Library; Australian Business Deans Council (ABDC); Bacon's Media Directory; Cabell's Directories; Compendex (Elsevier Engineering Index); CSA Illumina; DBLP; Gale Directory of Publications & Broadcast Media; GetCited; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); MediaFinder; Norwegian Social Science Data Services (NSD); SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)