



CURRICULUM VITAE

SANDI RAHMADIKA

Faculty:

Study Programs:

Email: , Phone:

Biography

Scopus of the Last 5 Years

Blockchain-Based Privacy Preservation Scheme for Misbehavior Detection in Lightweight IoMT Devices. IEEE Journal of Biomedical and Health Informatics, Rahmadika S., 2023

A Note on Enactment of Blockchain for HACCP-based Cooperative Model. Journal of Internet Services and Information Security, Im A., 2022

Eight Golden Rules Interface Analysis for Video Conference Information System. Proceedings of the International Conference on Electrical Engineering and Informatics, Faiza D., 2022

Designing R-CNN Algorithm to Detect Halal Composition of Korean Food and Beverages. Proceeding of 2022 8th International Conference on Wireless and Telematics, ICWT 2022, Harika M., 2022

Rethinking Blockchain and Decentralized Learning: Position Paper. Lecture Notes in Electrical Engineering, Rahmadika S., 2021

Decentralized trusted data sharing management on internet of vehicle edge computing (lovec) networks using consortium blockchain. Sensors, Firdaus M., 2021

Blockchain-enabled 5G edge networks and beyond: An intelligent cross-silo federated learning approach. Security and Communication Networks, Rahmadika S., 2021

Unlinkable Collaborative Learning Transactions: Privacy-Awareness in Decentralized Approaches. IEEE Access, Rahmadika S., 2021

Enhancing data privacy through a decentralised predictive model with blockchain-based revenue. International Journal of Ad Hoc and Ubiquitous Computing, Rahmadika S., 2021

Contribution of Virtual Reality Technology to Increase Student Interest in Vocational High Schools. Proceedings - 2021 International Seminar on Intelligent Technology and Its Application: Intelligent, Maulana F.I., 2021

Digital art technology publication in indonesia: A bibliometric analysis (2011-2020) technology. Proceedings of 2021 International Conference on Information Management and Technology, ICIMTech 2021, Maulana F.I., 2021

PDPM: A patient-defined data privacy management with nudge theory in decentralized e-health environments. IEICE Transactions on Information and Systems, Jang S., 2021

An investigation of pseudonymization techniques in decentralized transactions. Journal of Internet Services and Information Security, Rahmadika S., 2021

The dilemma of parameterizing propagation time in blockchain P2P network. Journal of Information Processing Systems, Rahmadika S., 2020

Reliable Collaborative Learning with Commensurate Incentive Schemes. Proceedings - 2020 IEEE International Conference on Blockchain, Blockchain 2020, Rahmadika S., 2020

Preliminary of selfish mining strategy on the decentralized model of personal health information. Lecture Notes in Electrical Engineering, Rahmadika S., 2019

A preliminary approach of blockchain technology in supply chain system. IEEE International Conference on Data Mining Workshops, ICDMW, Rahmadika S., 2019

Toward Privacy-Preserving Shared Storage in Untrusted Blockchain P2P Networks. Wireless Communications and Mobile Computing, Rahmadika S., 2019

The Use of Relations and Functions Games Based on Balanced Design in Mathematics Subjects to Improve Student Learning Outcomes. Journal of Physics: Conference Series, Rauda Ramdania D., 2019

A Blockchain Approach for the Future Renewable Energy Transaction. Journal of Physics: Conference Series, Rahmadika S., 2019

Blockchain-Enabled 5G Autonomous Vehicular Networks. ICSECC 2019 - International Conference on Sustainable Engineering and Creative Computing: New Idea,, Rahmadika S., 2019

Blockchain technology for managing an architectural model of decentralized medical record. Journal of Physics: Conference Series, Harika M., 2019

Web of Science (WoS) of the Last 5 Years

Enhancing data privacy through a decentralised predictive model with blockchain-based revenue. INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING, Rahmadika, S; Rhee, KH,; 2021

Unlinkable Collaborative Learning Transactions: Privacy-Awareness in Decentralized Approaches. IEEE ACCESS, Rahmadika, S; Rhee, KH,; 2021

Blockchain-Enabled 5G Edge Networks and Beyond: An Intelligent Cross-Silo Federated Learning Approach. SECURITY AND COMMUNICATION NETWORKS, Rahmadika, S; Firdaus, M; Jang, S; Rhee, KH,; 2021

Decentralized Trusted Data Sharing Management on Internet of Vehicle Edge Computing (IoVEC) Networks Using Consortium Blockchain. SENSORS, Firdaus, M; Rahmadika, S; Rhee, KH,; 2021

PDPM: A Patient-Defined Data Privacy Management with Nudge Theory in Decentralized E-Health Environments. IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS, Jang, S; Rahmadika, S; Shin, SU; Rhee, KH,; 2021

Reliable Collaborative Learning with Commensurate Incentive Schemes. 2020 IEEE INTERNATIONAL CONFERENCE ON BLOCKCHAIN (BLOCKCHAIN 2020), Rahmadika, S; Rhee, KH,; 2020

The Dilemma of Parameterizing Propagation Time in Blockchain P2P Network. JOURNAL OF INFORMATION PROCESSING SYSTEMS, Rahmadika, S; Noh, S; Lee, K; Kweka, BJ; Rhee, KH,; 2020

Blockchain technology for managing an architectural model of decentralized medical record. 4TH ANNUAL APPLIED SCIENCE AND ENGINEERING CONFERENCE, 2019, Harika, M; Rahmadika, S; Ramdania, DR,; 2019

A Blockchain Approach for the Future Renewable Energy Transaction. 1ST INTERNATIONAL CONFERENCE ON ADVANCE AND SCIENTIFIC INNOVATION, Rahmadika, S; Ramdania, DR; Harika, M,; 2019

The Use of Relations and Functions Games Based on Balanced Design in Mathematics Subjects to Improve Student Learning Outcomes. 1ST INTERNATIONAL CONFERENCE ON ADVANCE AND SCIENTIFIC INNOVATION, Ramdania, DR; Harika, M; Rahmadika, S; Azmiana, GG;, 2019

Toward Privacy-Preserving Shared Storage in Untrusted Blockchain P2P Networks. WIRELESS COMMUNICATIONS & MOBILE COMPUTING, Rahmadika, S; Rhee, KH;, 2019

Google Scholar of the Last 5 Years

A Note on Enactment of Blockchain for HACCP-based Cooperative Model.. J. Internet Serv. Inf. Secur. 12 (1), 44-56, 2022, A Im, S Rahmadika, YH Lee, B Kim, I You, 2022

Design and Development E-Mading System For Information Students. JISA (Jurnal Informatika dan Sains) 5 (1), 58-61, 2022, G Farell, I Novid, S Rahmadika, 2022

Blockchain-based privacy preservation scheme for misbehavior detection in lightweight IoMT devices. IEEE Journal of Biomedical and Health Informatics, 2022, S Rahmadika, PV Astillo, G Choudhary, DG Duguma, V Sharma, I You, 2022

Eight Golden Rules Interface Analysis for Video Conference Information System. 2022 International Conference on Electrical Engineering and InformaticsÂ ..., 2022, D Faiza, G Farell, VI Delianti, S Rahmadika, 2022

Designing R-CNN Algorithm to Detect Halal Composition of Korean Food and Beverages. 2022 8th International Conference on Wireless and Telematics (ICWT), 1-5, 2022, M Harika, DR Ramdania, S Rahmadika, NA Suwastika, GGA Delilah, 2022

Blockchain-enabled 5g edge networks and beyond: an intelligent cross-silo federated learning approach. Security and Communication Networks 2021, 1-14, 2021, S Rahmadika, M Firdaus, S Jang, KH Rhee, 2021

Decentralized trusted data sharing management on internet of vehicle edge computing (IoVEC) networks using consortium blockchain. Sensors 21 (7), 2410, 2021, M Firdaus, S Rahmadika, KH Rhee, 2021

Contribution of Virtual Reality Technology to Increase Student Interest in Vocational High Schools. 2021 International Seminar on Intelligent Technology and Its ApplicationsÂ ..., 2021, FI Maulana, G Pangestu, AVD Sano, A Purnomo, S Rahmadika, ..., 2021

Digital Art Technology Publication in Indonesia: A Bibliometric Analysis (2011-2020) Technology. 2021 International Conference on Information Management and TechnologyÂ ..., 2021, FI Maulana, IA Agustina, FM Gasa, S Rahmadika, DR Ramdania, 2021

Pdpm: A patient-defined data privacy management with nudge theory in decentralized e-health environments. IEICE TRANSACTIONS on Information and Systems 104 (11), 1839-1849, 2021, S Jang, S Rahmadika, SU Shin, KH Rhee, 2021

Unlinkable collaborative learning transactions: Privacy-awareness in decentralized approaches. IEEE Access 9, 65293-65307, 2021, S Rahmadika, KH Rhee, 2021

Rethinking blockchain and decentralized learning: position paper. Advances in Computer Science and Ubiquitous Computing: CSA-CUTE 2019, 127-133, 2021, S Rahmadika, KH Rhee, 2021

Enhancing data privacy through a decentralised predictive model with blockchain-based revenue. International Journal of Ad Hoc and Ubiquitous Computing 37 (1), 1-15, 2021, S Rahmadika, KH Rhee, 2021

Privacy-Preserving Cross-Silo Federated Learning with a Cryptocurrency in Edge Networks. ??????, 2021, R SANDI, 2021

An Investigation of Pseudonymization Techniques in Decentralized Transactions.. J. Internet Serv. Inf. Secur. 11 (4), 1-18, 2021, S Rahmadika, M Firdaus, YH Lee, KH Rhee, 2021

A Data Provenance System for Myanmar Rice Cycle Based on Ethereum Blockchain. ??????, 2021, CNZ Latt, 2021
????? ???? ?????? ???? ?????????? ???? &. ??????????/???? ? ?? ??? ? 9 (12), 12, 2020, S Rahmadika, M Firdaus, 2020

Practical Concerns in Enforcing Ethereum Smart Contracts as a Rewarding Platform in Decentralized Learning. KIPS Transactions on Computer and Communication Systems 9 (12), 321-332, 2020, S Rahmadika, M Firdaus, S Jang, KH Rhee, 2020

Reliable collaborative learning with commensurate incentive schemes. 2020 IEEE International Conference on Blockchain (Blockchain), 496-502, 2020, S Rahmadika, KH Rhee, 2020

Merging collaborative learning and blockchain: Privacy in context. ?????????? ?????????? 27 (1), 228-230, 2020, S Rahmadika, K Rhee, 2020

The dilemma of parameterizing propagation time in blockchain P2P network. Journal of Information Processing Systems 16 (3), 699-717, 2020, S Rahmadika, S Noh, K Lee, BJ Kweka, KH Rhee, 2020

The Use of Relations and Functions Games Based on Balanced Design in Mathematics Subjects to Improve Student Learning Outcomes. Journal of Physics: Conference Series 1175 (1), 012069, 2019, DR Ramdania, M Harika, S Rahmadika, GG Azmiana, 2019

A blockchain approach for the future renewable energy transaction. Journal of Physics: Conference Series 1175 (1), 012122, 2019, S Rahmadika, DR Ramdania, M Harika, 2019

Blockchain technology for managing an architectural model of decentralized medical record. Journal of Physics: Conference Series 1402 (7), 077027, 2019, M Harika, S Rahmadika, DR Ramdania, 2019

Blockchain-enabled 5g autonomous vehicular networks. 2019 International Conference on Sustainable Engineering and CreativeÂ ..., 2019, S Rahmadika, K Lee, KH Rhee, 2019

Toward privacy-preserving shared storage in untrusted blockchain P2P networks. Wireless communications and mobile computing 2019, 2019, S Rahmadika, KH Rhee, 2019

Research Article Toward Privacy-Preserving Shared Storage in Untrusted Blockchain P2P Networks. , S Rahmadika, KH Rhee, 2019

Preliminary of selfish mining strategy on the decentralized model of personal health information. Advanced Multimedia and Ubiquitous Engineering: MUE/FutureTech 2018 12, 679-685, 2019, S Rahmadika, KH Rhee, 2019

Research of the Last 5 Years

Community Service of the Last 5 Years

-

IPR's of the Last 5 Years

-

Book of the Last 5 Years

-