

KUO-HUI YEH, SMIEEE (葉國暉)

Professor, Department of Information Management,
National Dong Hwa University, Hualien 974301, Taiwan.

Joint Appointment Professor, Department of Computer Science and Engineering,
National Sun Yat-sen University, Kaohsiung 804201, Taiwan.



Associate Editor, Journal of Information Security and Applications (SCIE)
Associate Editor, Human-centric Computing and Information Sciences (SCIE)
Academic Editor, Symmetry (SCIE)
Associate Editor, Journal of Internet Technology (SCIE)
Academic Editor, Security and Communication Networks
Academic Editor, Mobile Information Systems
Associate Editor, Frontiers in Communications and Networks - Security, Privacy and Authentication
Associate Editor, Frontiers in the Internet of Things - Security, Privacy and Authentication
Editorial Board Member, CMC-Computers, Materials & Continua (SCIE)
Editorial Board Member, Foundations
Editorial Board Member, Research Reports on Computer Science
Editorial Board Member, Journal of Surveillance, Security and Safety
Editorial Board Member, Networking Systems of AI
Associate Editor, Communications of the CCISA

CISSP, CISM, Security+, ISO 27001 LA, ISO 27701 LA, IEC 62443-2-1 LA, ISA/IEC 62443 Cybersecurity Expert
(Fundamentals Specialist/Risk Assessment Specialist/Design Specialist/Maintenance Specialist)



Tel: +886-3-8903117

Email: khyeh@gms.ndhu.edu.tw

Orcid ID: <https://orcid.org/0000-0003-0598-761X>

Google Scholar: https://scholar.google.com.tw/citations?user=E7icj_8AAAAJ&hl=zh-TW&oi=ao

Website: <https://isl.ndhu.edu.tw/kh-yeh/>

Curriculum Vitae: <http://faculty.ndhu.edu.tw/~khyeh/cv.pdf>

Biography

- Kuo-Hui Yeh (SM'16) is a full Professor with the department of Information Management, National Dong Hwa University, Hualien, Taiwan. He received M.S. and Ph.D. degrees in Information Management from the National Taiwan University of Science and Technology, Taipei, Taiwan, in 2005 and 2010, respectively. Dr. Yeh has authored over 140 articles in refereed journals and conferences. His research interests include IoT security, Blockchain, mobile security, NFC/RFID security, authentication, digital signature, data privacy and network security. Dr. Yeh is currently an Associate/Academic Editor of Journal of Information Security and Applications (JISA), Human-centric Computing and Information Sciences (HCIS), Symmetry, Journal of Internet Technology (JIT), Security and Communication Networks (SCN), Mobile Information Systems (MISY), and Frontiers in Communications and Networks - Security, Privacy and Authentication, and an Editorial Board Member of CMC-Computers, Materials & Continua, the Journal of Surveillance, Security and Safety (JSSS), Foundations, Research Reports on Computer Science. In addition, he had served as an Associate Editor for IEEE Access and Data in Brief and a Guest Editor for Future Generation Computer Systems (FGCS), Cloud Computing, IEEE Access, Annals of Telecommunications, CMC-Computers, Materials & Continua, Mathematical Biosciences and Engineering (MBE), and the International Journal of Information Security (IJIS), JIT, Sensors and Cryptography. Moreover, Dr. Yeh has served as a TPC member for 50 international conferences/workshops on information security. He is a Senior Member of the IEEE and a Member of the (ISC)², ISA, ISACA, CAA, CCISA, as well as holds CISSP, CISM, Security+, ISO 27001/27701 LA, IEC 62443-2-1 LA and ISA/IEC 62443 Cybersecurity Expert (Fundamentals Specialist/Risk Assessment Specialist/Design Specialist/Maintenance Specialist).

Research Interests

- IoT Security, Blockchain, Mobile Security, NFC/RFID security, Authentication, Data Privacy, Cryptology

Education

- Ph.D., Information Management, National Taiwan University of Science and Technology, Taiwan (2005/9–2010/6)
 - Research field: NFC/RFID Security, Wireless Network Security
 - Doctoral Dissertation: On the Design of Authentication Mechanisms for RFID Systems
- M.S., Information Management, National Taiwan University of Science and Technology, Taiwan (2003/9–2005/6)
 - Research field: Fault Tolerance, Routing/Broadcasting, Interconnect Network
 - Master Thesis: Fault-Tolerant Broadcasting Algorithm for Wormhole-Routed 2D Torus Networks

Professional Certificate

- CISSP, (ISC)² Member ID: 864614, Date of Certification: 1 April 2021, CISSP Certified: 2021 – present
- CISM, Certification Number: 2157905, Date of Certification: 25 February 2021, CISM Certified: 2021 – present.
- CompTIA Security+, Candidate ID: COMP001020467805, Certification Date: 30 January 2021, CompTIA Security+ Certified: 2021 – present
- ISO/IEC 27001:2022 LA, Certification Number: TCIC-C-TW-230317-016, Date of Issue: 29 March 2023
- ISO/IEC 27001:2013 LA, Certification Number: TCIC-C-TW-201108-010, Date of Issue: 17 November 2020
- ISO/IEC 27701:2019 LA, Certification Number: TCIC-C-TW-201129-010, Date of Issue: 4 December 2020

- Security+, Candidate ID: COMP001020467805, Certification Date: 13 September 2012 (Expired at 13 September 2015)
- IEC 62443-2-1 LA, Certification Number: TCIC-C-TW-210822-007, Date of Issue: 1 November 2021
- ISA/IEC 62443 Cybersecurity Fundamentals Specialist, Date of Issue: 29 April 2022
- ISA/IEC 62443 Cybersecurity Risk Assessment Specialist, Date of Issue: 19 May 2022
- ISA/IEC 62443 Cybersecurity Design Specialist, Date of Issue: 3 August 2023
- ISA/IEC 62443 Cybersecurity Maintenance Specialist, Date of Issue: 25 July 2023
- CMMC Foundation, Certification Number: TCIC-C-TW-230630-008, Date of Issue: 12 July 2023

Work Experiences

- Associate Dean (副教務長), Office of Academic Affairs (教務處), National Dong Hwa University, Hualien Taiwan. (2021.08.01 – present)
- Joint Appointment Professor, Department of Computer Science and Engineering, National Sun Yat-sen University, Kaohsiung, Taiwan. (2019.02.01 – present)
- 財團法人國防工業發展基金會-列管軍品級別認證評鑑中心, 列管軍品廠商資格級別認證評鑑委員 (2022.01.01 – 2024.12.31)
- 教育部 111 至 112 年度對所屬公務機關及所管特定非公務機關資通安全稽核計畫, 稽核委員 (2023.05.12)
- 經濟部標準檢驗局, 資訊及通信國家標準技術委員會委員 (2021.07.01 – 2023.06.30)
- Information Security Consultant (資訊安全顧問), Library & Information Center (圖書與資訊中心), National Dong Hwa University, Hualien, (2020.11.24 - present)
- Member Representative, IEEE Taipei Section (2018.10.18 – present)
- Director (理事), Chinese Cryptology and Information Security Association (CCISA; 中華民國資訊安全學會) (2018.05 – 2021.08)
- Director (主任), Industrial Innovation-Incubation Center (創新育成中心), National Dong Hwa University, Hualien Taiwan. (2019.07.01 – 2020.12.31)
- Full Professor (Tenure Track Position), Department of Information Management, National Dong Hwa University, Hualien Taiwan. (2018.08.01 – present)
- Visiting Professor, the University of Aizu, Japan (2018.07 – 2018.09)
- Adjunct Associate Professor, Department of Information Management, National Taiwan University of Science and Technology, Taiwan. (2018.02.01 – 2018.07.31)
- Associate Professor (Tenure Track Position), Department of Information Management, National Dong Hwa University, Taiwan. (2015.02.01 – 2018.07.31)
- Assistant Professor, Department of Information Management, National Dong Hwa University, Taiwan. (Period: 2012.02.01 – 2015.01.31)
- Assistant Professor, Department of Information Management, Chinese Culture University, Taiwan. (Period: 2011.08.01 – 2012.01.31)
- Junior Commissioned Officer, Battalion 625, Air Force, Ministry of National Defense, Taiwan. Period: 2010.08 to 2011.06, Duty: Physical and Information Security Management of the Battalion 625 in Air Force (around 40-50 Soldiers)
- Research Fellow, School of Information Systems, Singapore Management University, Singapore. (2009.11 – 2010.04)
- Visiting Scholar, Department of Computer Science, University of California, Berkeley, USA. (2006.10 – 2006.12)

Project Leading

- National Science and Technology Council/Ministry of Science and Technology (國科會/科技部)
 - Principal Investigator, Cross-blockchain-enabled IoT Trust Framework (跨區塊鏈之物聯網信任架構) (1/3)(2/3)(3/3), National Science and Technology Council (國科會), Taiwan. (2022.08.01 – 2025.7.31, NT 2,303,000)
 - Principal Investigator, Increasing Taiwan Information Security Society's Influence on International Academic Activities (提升台灣資安社群之國際影響力(1/3)(2/3)(3/3)), National Science and Technology Council (國科會/科技部), Taiwan. (2021.01.01 – 2024.03.31, NT 523,500)
 - Co-principal Investigator, Resilience and Sustainability for Intelligent Zero Trust Architecture (具韌性與可持續性之智慧零信任架構), National Science and Technology Council (國科會), Taiwan. (2023/06/01 – 2024/05/31, 15,000,000)
 - Co-principal Investigator, Pervasive AI Services: Developing Intelligent Agents to Drive Digital Transformations (普適 AI 服務: 數位轉型趨勢下的智慧型代理人) (1/2)(2/2), National Science and Technology Council (國科會/科技部), Taiwan. (2021.11.01 – 2023.10.31, NT 47,700,000)
 - Co-principal Investigator, Proactive Security and Privacy Enhancing Technologies Framework for Smart Government (智慧政府骨幹之主動式安全與隱私延伸保護技術框架) (1/2)(2/2), Ministry of Science and Technology (科技部), Taiwan. (2021.05.01 – 2023.04.30, NT 11,890,000)
 - Co-principal Investigator, Academia Industry Technology Alliance for AI and AIoT in Eastern Taiwan (東部人工智慧與智慧物聯網產學聯盟; 東部 AI+AIoT 聯盟) (1/3)(2/3)(3/3), Ministry of Science and Technology (科技部), Taiwan. (2022.02.01 – 2023.01.31, NT 6,050,000)
 - Co-principal Investigator, Intelligent Traditional Chinese Medicine Technology Union(智慧中醫科技聯盟)(1/3), Ministry of Science and Technology (科技部), Taiwan. (2022.02.01 – 2023.01.31, NT 1,900,000)
 - Principal Investigator, A Sexism-oriented Sentiment Analysis and Intelligent Counseling System (性別歧視語意情緒分析與智慧諮商系統), Ministry of Science and Technology (科技部), Taiwan. (2021.08.01 – 2022.07.31, NT 707,000)
 - Principal Investigator, Consensus Co-approving and Transaction Interoperability for Heterogeneous Blockchains (異質區塊鏈聯合框架設計 - 異質區塊鏈之跨鏈共識與交易互用性), Ministry of Science and Technology (科技部), Taiwan. (2020.08.01 – 2022.07.31, NT 1,629,000)
 - Co-principal Investigator, Cross-chain Identity Authentication and Access Authorization Mechanism for Heterogeneous Blockchains (異質區塊鏈聯合框架設計 - 異質區塊鏈之跨鏈身分鑑別與存取授權機制), Ministry of Science and Technology (科技部), Taiwan. (2020.08.01 – 2022.07.31, NT 3,256,000)
 - Principal Investigator, Increasing Taiwan Information Security Society's Influence on International Academic Activities (提昇台灣在國際資訊安全社群之影響力與能見度), Ministry of Science and Technology (科技部), Taiwan. (2019.11.01 – 2020.10.31, NT 170,000)
 - Co-principal Investigator, Developing Visual Cryptography on Smartphones for Authentication Technology and Application (視覺密碼技術在智慧型手機上的認證 – 技術與應用), Ministry of Science and Technology (科技部), Taiwan. (2018.08.01 – 2019.07.31, NT 705,000)
 - Co-principal Investigator, IoT-based End-to-End System Security Framework (以物聯網技術為基礎之端對端系統安全架構)(1/3), Ministry of Science and Technology (科技部), Taiwan. (2017.06.01 – 2018.05.31, NT 6,500,000)
 - Principal Investigator, Secure Body Area Network on Mobile Gateway (行動閘道器上之安全人體區域網路)(1/3)(2/3)(3/3), Ministry of Science and Technology (科技部), Taiwan. (2016.08.01 – 2019.07.31, NT 2,250,000)

- Co-principal Investigator, IoT Trusted Architecture (IOT 可信賴架構之設計與實作)(1/3)(2/3)(3/3), Ministry of Science and Technology (科技部), Taiwan. (2016.08.01 – 2019.07.31, NT 4,775,000)
 - Co-principal Investigator, New Lightweight Cryptosystems for IoT based eHealth Environments (適用於以 IoT 為基礎之 e 化健康環境之新式輕量化密碼系統) (1/3)(2/3)(3/3), Ministry of Science and Technology (科技部), Taiwan. (2016.01.01 - 2018.12.31, NT 4,050,000, Taiwan-Japan Joint Research Project)
 - Co-principal Investigator, A Real-time Public Sentiments Analysis and Information Integration Platform for Disaster Prevention and Refugee Rescue based on Social Networks (基於社群網路之即時輿情分析與資訊整合防災救援平台), Ministry of Science and Technology (科技部), Taiwan. (2015.09.01 – 2016.08.31, NT 2,343,000)
 - Co-principal Investigator, Trusted App Framework (可信賴的 App 安全應用框架)(1/3)(2/3)(3/3), Ministry of Science and Technology (科技部), Taiwan. (2014.08.01 - 2016.07.31, NT 5,083,000)
 - Principal Investigator, Privacy Risk Analysis and Protection for Mobile App (行動 App 之隱私風險分析與防護)(1/2)(2/2), Ministry of Science and Technology (科技部), Taiwan. (2014.08.01 – 2016.07.31, NT 1,221,000)
 - Principal Investigator, Data Sensitivity Analysis and Privacy Protection on Mobile App (行動 App 資料敏感度分析與隱私防護), Ministry of Science and Technology (科技部), Taiwan. (2013.08.01 – 2014.07.31, NT 610,000)
 - Principal Investigator, On the Design of the Low-cost and High-efficiency Authentication Protocol for RFID Systems (在無線射頻辨識系統環境下, 設計低成本且高效率的安全身份認證協定之研究) (1/2)(2/2), Ministry of Science and Technology (科技部), Taiwan. (2011.09.01 – 2013.07.31, NT 1,039,000)
 - Co-principal Investigator, Intelligent Client Application Security Package for Cloud Services (為雲端服務而設計之智慧終端應用安全套件), Ministry of Science and Technology (科技部), Taiwan. (2012.05.01 – 2013.04.30, NT 2,521,000)
- Ministry of Education (教育部)
 - Principal Investigator, Analysis of Students' Learning Outcomes on IEC 62443 Operation Technology Security Standards (學生對 IEC 62443 工控安全標準之學習成效分析), Ministry of Education (教育部), Taiwan. (2023.08.01 – 2024.7.31, NT 200,000)
 - Principal Investigator, The Analysis of Students' Learning Outcomes on Privacy Information Management for Blockchain Technologies (學生對區塊鏈隱私防護管理實作之學習成效分析), Ministry of Education (教育部), Taiwan. (2022.08.01 – 2023.7.31, NT 270,000)
 - Co-principal Investigator, 科技翻轉、永續培力：洄瀾共好在地創新計畫(1/3)(2/3)(3/3), Ministry of Education (教育部), Taiwan. (2020.01.01 – 2022.12.31, NT 13,500,000)
 - Principal Investigator, A Study of Learning Outcomes Analysis of ISO 27701-based Course Materials (導入 ISO 27701 隱私資訊管理系統國際標準內容之學習成效分析), Ministry of Education (教育部), Taiwan. (2021.08.01 – 2022.07.30, NT 240,000)
 - Principal Investigator, 「109 年度 U-start 原漾計畫」之「區域夥伴學校」工作項目—花蓮區, Ministry of Education (教育部), Taiwan. (2019.11.29 – 2020.12.31, NT 680,000)
 - Principal Investigator, The influence analysis of WarGame-based teaching on information security courses (WarGame 實作教學對資訊安全教育之影響分析), Ministry of Education (教育部大專校院教學實踐研究計畫), Taiwan. (2019.08.01 – 2020.07.31, NT 294,000)

- Industry & Government (產業暨政府單位):
 - Principal Investigator, 109 年度花蓮縣在地產業創生機構聯盟中小企業創育機構發展計畫, 財團法人石材暨資源產業研究發展中心, Taiwan. (2020.01.01 – 2020.12.31, NT 1800,000)
 - Principal Investigator, 109 年度 SBTR 推動中小企業城鄉創生轉型輔導計畫-東區執行成果分析, 財團法人工業技術研究院, Taiwan. (2020.01.01 – 2020.12.31, NT 800,000)
 - Principal Investigator, 108 年度中小企業創育機構發展計畫-花蓮縣在地產業創生機構聯盟, 產學合作計畫(經濟部中小企業處), Taiwan. (2019.01.01 – 2019.12.31, NT 1000,000)
 - Principal Investigator, 中央健康保險署全球資訊網設計架構更新與新增功能-資訊安全強化, 產學合作計畫, 振興發科技有限公司, Taiwan. (2018.07.01 – 2019.12.31, NT 300,000)
 - Co-principal Investigator, An Intelligent Service Platform for IoT 2.0 Applications (物聯網 2.0 智慧應用服務平台), Foxlink (正崴精密工業股份有限公司), Taiwan. (2016.11.01 – 2017.08.31, NT 1,985,000)
 - Co-principal Investigator, A User-Oriented IoT Service Architecture for Intelligent Sensor Devices (物聯網智慧感測裝置之使用者客製化服務平台專案), Foxlink (正崴精密工業股份有限公司), Taiwan. (2015.01.01 – 2015.08.31, NT 3,000,000)
 - Co-principal Investigator, The Research on the Next Generation of E-voice System in Taiwan (二代電子發票精進研究計畫), PricewaterhouseCoopers (PwC; 資誠企業管理顧問公司), Taiwan. (2011.11.01 – 2013.11.30, NT 8,880,000)
 - Co-principal Investigator, Evaluation of Service Quality and Security Robustness on the Second Generation NHI System (二代健保網路服務及整體網路安全之評估), Ministry of Health and Welfare (中央健保局), Taiwan. (2012.05.17 – 2012.11.30, NT 1,900,000)
 - Principal Investigator, Wireless Network Security Guide (政府資安作業共通規範] 之「無線網路安全參考指引」開發計畫), Research, Development and Evaluation Commission (行政院研考會), Taiwan. (2008.07 – 2009.03, NT 350,000)

Honor

- 全球前 2%頂尖科學家 2021-2023 (Single year & Career), 2020 (Single year)
- 國立東華大學 111 學年度東華學術獎章 二等獎章
- 國立東華大學 110 學年度東華學術獎章 三等獎章
- 國立臺灣科技大學 管理學院 109 年度 傑出院友
- 國立臺灣科技大學 資訊管理學系 109 年度 傑出系友
- 國立東華大學 管理學院 109 學年度 教學優良教師獎
- 國立東華大學 管理學院 108 年度 延攬及留任國內外各類頂尖人才獎
- 國立東華大學 管理學院 107 年度 延攬及留任國內外各類頂尖人才獎
- 國立東華大學 管理學院 105 學年度 教學優良教師獎
- 國立東華大學 管理學院 103 學年度 教學優良教師獎
- 105 年科技部資訊安全實務研發計畫績優團隊
 - 總計畫: IoT 可信賴架構之設計與實作(1/3)、子計畫二計畫名稱: 行動閘道器上之安全人體區域網路 (葉國暉)
- 104 年科技部資訊安全實務研發專案績優團隊
 - 總計畫: 可信賴的 App 安全應用框架-App 應用服務可轉移性驗證(2/2)、子計畫三計畫名稱: 行動 App 之隱私風險分析與防護(2/2)
- 103 年科技部資訊安全實務研發專案計畫之績優團隊
 - 總計畫: 可信賴的 App 安全應用框架-App 應用服務可轉移性驗證(1/2)、子計畫三計畫名稱: 行動 App 之隱私風險分析與防護(1/2)

Honor on Student Supervision

- USPACE 2023 第 6 屆 致青春·創未來全國選拔大賽,「應用科技組」優等獎,整合 FIDO 認證之持續鑑別系統,指導老師,東華資管 - 林暉翰、朱妍穎、高珮瑄。
- 數據點子松_當數據遇上商業來自數據長的挑戰 - ESG 永續發展獎(2022),社群網路之性別歧視語意自動偵測系統,指導老師,東華資管 - 林暉翰。
- 第 27 屆大專校院資訊應用服務創新競賽 - 「資訊應用組一」佳作(2022),東華資管系「城市舒伯特」,指導老師,東華資管 - 王佑任、曾沛瑜、花無缺、王嫵甯、劉映辰。
- 第 26 屆大專校院資訊應用服務創新競賽 - 「資訊應用組」第三名(2021),「智慧交通創新應用組」決賽入圍,東華資管系「Anti A Car」,指導老師,東華資管 - 鄭仲珉、楊冠彥、蔡時富、陳欣慧、林冠宏。
- 碩士班邱維揚同學,拿到三年丹麥科技大學(DTU)博士班全額獎學金(2019)。
- 第 22 屆全國大專校院資訊應用服務創新競賽 - 「資訊技術應用組三」佳作(2017),「衛生服務不間斷之中控平台」指導老師,台科資管 - 莊祐軒、黎哲宇、張守群、賴柏融、郭峻鴻。
- 指導大學部學生邱維揚(Wei-Yang Chiu)與中央電機系 MINE 實驗室合作組成團隊 NCUEE,並於 IEEE Brain Computer Interface Hackathon - 2016 (San Diego, California, USA) 榮獲 Honorable Mention Award
- 第 21 屆全國大專校院資訊應用服務創新競賽「經濟地理資料庫服務應用組-應用系統主題」第一名(2016),「基於社群網路之即時分析與資訊整合防災救援平台」指導老師,台科資管 - 莊祐軒、郭峻鴻、張守群、賴柏融
- 經濟部 2014 搶鮮大賽 - 佳作(2014),東華資管系與台科大資管系「No Missing」指導老師,東華資管 - 陳昱杉、台科資管 - 王雋凱、曾亭媗、林子鈞、譚學勇
- 第 18 屆全國大專校院資訊應用服務創新競賽,電子發票創新應用組 - 第二名(2013),台科大資管系「電子發票購方便」指導老師,台科資管 - 范雋彥、劉政宗
- 第 18 屆全國大專校院資訊應用服務創新競賽,資訊技術應用組 - 第二名(2013),東華資管系專題「機不可失」指導老師,東華資管 - 王梵維、吳依庭、洪子為、郭峻鴻、洪紫瑄
- 第 23 屆資訊安全會議(2013),最佳論文獎之佳作 Scalable and Anonymous Authentication Scheme,東華資管-廖皓翔

Professional Activities

- Associate/Academic Editor,
 - Journal of Information Security and Applications (JISA), Impact Factor of 2022 = 5.6, Elsevier (8th August 2018 - present)
 - Human-centric Computing and Information Sciences (HCIS), Impact Factor of 2022 = 6.6, Springer (23rd August 2022 - present)
 - Symmetry, Impact Factor of 2022 = 2.7, MDPI (4th Feb. 2021 - present)
 - Journal of Internet Technology (JIT), Impact Factor of 2022 = 1.6 (16th May 2018 - present)
 - Security and Communication Networks (SCN), Hindawi (24th July 2018 - present)
 - Mobile Information Systems (MISY), Hindawi (27th October 2021 - present)
 - Editorial Board Member, CMC-Computers, Materials & Continua, Impact Factor of 2022 = 3.1, Tech Science Press (29th May, 2023 to 29th May, 2025)
 - Editorial Board Member, Foundations (6th May 2021 - present)
 - Editorial Board Member, Research Reports on Computer Science (28th Jan. 2022 - present)
 - Editorial Board Member, Journal of Surveillance, Security and Safety (30th June 2022 - present)
 - Junior Editorial Board Member, Journal of Surveillance, Security and Safety (23rd Feb. 2021 - 29th June 2022)

- Associate Editor, Frontiers in Communications and Networks - Security, Privacy and Authentication (7th June 2020 - present)
- Associate Editor, Frontiers in the Internet of Things - Security, Privacy and Authentication (2022 - present)
- Editorial Board Member, Networking Systems of AI (9th June 2021 - present)
- Communications of the CCISA (2019 - present)
- Data in Brief (DIB), Elsevier (18th June 2018 – 11st August 2020)
- IEEE Access (6th April 2018 – 14th September 2021)
- Guest Editor,
 - Special Issue: Emerging Technologies with Symmetry for Zero Trust, Symmetry (SCIE), Submissions Deadline: 31 May 2024, https://www.mdpi.com/journal/symmetry/special_issues/5T6J851502.
 - Special Issue: Exploring the Frontier of Zero-Trust Technologies: Overcoming Challenges and Innovating Solutions, CMC-Computers, Materials & Continua (SCIE), Submission Deadline: 30 May 2024, https://www.techscience.com/cmc/special_detail/zero-trust
 - Special Issue: Emerging Technologies, Challenges and Solutions for Zero Trust, Frontiers in Communications and Networks (Security, Privacy and Authentication) & Frontiers in the Internet of Things (Security, Privacy and Authentication), Submission Deadline: 04 May 2024, <https://www.frontiersin.org/research-topics/60754/emerging-technologies-challenges-and-solutions-for-zero-trust>.
 - Special Issue: Asymmetry in Machine Learning, Symmetry (SCIE), August 2023, https://www.mdpi.com/journal/symmetry/special_issues/9OKM6MO979.
 - Special Issue: Design and Analysis of Symmetric Encryption Modes of Operation, Symmetry (SCIE), August 2023, https://www.mdpi.com/journal/symmetry/special_issues/2G99QV10W3.
 - Special Issue: Swarm Intelligence Optimization: Algorithms and Applications, Entropy (SCIE), December 2023.
 - Special Issue: Sustainable and Intelligent Plant Health Management in Asia (2022), Frontiers in Plant Science (SCIE), July 2023.
 - Special Issue: Information Security Practice and Experience: Advances and Challenges, Computer Modeling in Engineering and Sciences (SCIE), May 2023.
 - Special Issue on "Blockchain-Enabled Technology for IoT Security, Privacy and Trust," Symmetry (SCIE), April 2023.
 - Special Issue: The 17th International Conference on Information Security Practice and Experience (ISPEC 2022), Journal of Information Science and Engineering (SCIE), February 2023.
 - Special Issue "Deep Learning Technologies for B5G Mobile Networks: A Themed Issue in Honor of Prof. Han-Chieh Chao," Symmetry (SCIE), December 2022.
 - Special Issue "Internet of Things in Healthcare and Health: Security and Privacy," Computer Modeling in Engineering and Sciences (SCIE), June 2022.
 - Special Issue: Cryptography for Secure Blockchain, Journal of Internet Technology (SCIE), March 2022.
 - Special Collection on Data Security of Fog and Edge Computing-Based Social Internet of Vehicles, International Journal of Distributed Sensor Networks (SCIE), February 2022.
 - Rising Stars in Security, Privacy, and Authentication 2022, Frontiers in Communications and Networks - Security, Privacy and Authentication section, 2022
 - Special Issue on "Security Threats of Fog and Edge Computing Based Social Internet of Vehicles,"

- Mobile Information Systems (SCIE), September 2021.
- Special Issue on "Blockchain for Edge-enabled Smart Cities Applications," Journal of Information Security and Applications (SCIE), June 2021.
 - Special Issue on "Trusted IoT Ecosystem," Sensors (SCIE), March 2021.
 - Special Issue on "Security, Trust and Privacy for Cloud, Fog and Internet of Things," Security and Communication Networks (SCIE), February 2021.
 - Special Issue on "Smart Industrial Internet of Things: Opportunities by Linking Cloud, Edge, and Blockchain Technologies," Computer Modeling in Engineering and Sciences (SCIE), January 2021.
 - Special Issue on "Security and Privacy in Smart Computing: Advances and Challenges," Cluster Computing (SCIE), 2021
 - Special Issue on "Trust, Security and Privacy for FinTech," CMC-Computers, Materials & Continua (SCIE), October 2020.
 - Special Issue on "Security and Privacy Techniques in IoT Environment," Sensors (SCIE), April 2020
 - Special Issue on "Internet of Things Middleware Platforms and Sensing Infrastructure," Sensors (SCIE), September 2019.
 - Special Issue on "Security and Privacy in Smart Computing," Mathematical Biosciences and Engineering (SCIE), March 2019
 - Special Issue on "Security and Privacy for Cloud and IoT," IEEE Access (SCIE), February 2019
 - Special Issue on "Security and Privacy of Blockchain Technologies," International Journal of Information Security (SCIE), 2018
 - Special Issue on "Fintech Security and Privacy," Future Generation Computer Systems (SCIE), 2018
 - Special Issue on "Information Security Practice and Experience," Cryptography, 2018
 - Special Issue on "Selected papers from the 2018 IEEE conference on Dependable and Secure Computing (DSC 2018)," Journal of Internet Technology (SCIE), 2018
 - Special Issue on "International Conference on the Development and Application of Big Data and Enterprise Resource Management, 2018 (ICBDERM)," Journal of Internet Technology (SCIE), 2018
 - Special Issue on "The 10th International Conference on Network and System Security (NSS 2016)," Journal of Internet Technology (SCIE), 2016
 - Special Issue on Advanced Persistent Threat, Future Generation Computer Systems (SCIE), 2016
 - Keynote Speaker/Invited Talk,
 - Invited Talk, Title: Security Risk Assessment for OT-enabled Architectures, University of Electronic Science and Technology of China, Chengdu China, 15 July, 2023.
 - Keynote Speaker, Title: Trusted IoT Framework, The 13th International Conference on Network and System Security (NSS 2019), Sapporo, Japan, December 15-18, 2019.
 - Keynote Speaker, Title: Trusted IoT Framework, The 13th International Conference on Genetic and Evolutionary Computing (ICGEC 2019), Qingdao, Shandong Province, China, November 1-3, 2019.
 - Keynote Speaker, Title: Trusted IoT Framework, The 3rd International Conference on Smart Vehicular Technology, Transportation, Communication and Applications (in conjunction with the 6th Euro-China Conference, Arad, Romania, October 15-18, 2019.
 - Keynote Speaker, Title: Trusted IoT Framework, The 2019 4th International Conference on Cloud Computing and Internet of Things (CCIOT 2019), Tokyo, Japan, September 20-22, 2019.
 - Invited Talk, Title: Trusted IoT Framework, University of Electronic Science and Technology of China, Chengdu China, 23 May, 2019.
 - Invited Speaker, Title: Walk as Who I Am, A Transparent Authentication System with Plantar Bio-

features on Wearables-based IoT Networks, Symposium on Security Infrastructure for Big Data and Applications to Medical and Living Safety Fields, Osaka, Japan, March 16-17, 2017.

- Activities at Academic Conference/Workshop,

- General Chair, The 17th International Conference on Information Security Practice and Experience (ISPEC 2022), Taipei, Taiwan, 23 - 25 November, 2022.
- Workshop/Special session chairs, The 4th International Conference on Science of Cyber Security (SciSec 2022), Matsue city, Shimane, Japan, August, 10-12, 2022.
- Publicity Chair & Steering Committee Member, The 2022 IEEE Conference on Dependable and Secure Computing (DSC 2022), Edinburgh, UK, 22 - 24 June, 2022.
- Program Chair, 2021 2nd International Artificial Intelligence and Blockchain Conference (AIBC 2021) Macau, China, 24-26 February, 2021.
- General Chair, The 2021 IEEE Conference on Dependable and Secure Computing (DSC 2021), Aizu-Wakamatsu City, Fukushima, Japan, 30 Jan - 2 Feb, 2021.
- Program Chair, International Computer Symposium (ICS 2020)-Cyber security December 17-19, 2020, Tainan, Taiwan.
- Web Chair, The 15th ACM ASIA Conference on Computer and Communications Security (ACM ASIACCS 2020), Taipei, Taiwan, October 5 - 9, 2020.
- Sponsorship and Exhibits Chair, The 3rd EAI International Conference on Security and Privacy in New Computing Environments (SPNCE 2020), Lyngby, Denmark, June 8-9, 2020.
- Program Chair, The 2019 4th International Conference on Cloud Computing and Internet of Things (CCIOT 2019), Tokyo, Japan, September 20-22, 2019.
- Program Chair, The 3rd International Workshop on Secure Smart Society in Next Generation Networking Paradigm (SECSOC 2019), Rotorua, New Zealand, Aug 5 - 8, 2019.
- Publication Chair, 2018 IEEE Conference on Dependable and Secure Computing (DSC 2018), Kaohsiung, Taiwan, Dec.10-13, 2018.
- Program Chair, Cryptology and Information Security Conference 2018 (CISC 2018), Taipei, Taiwan, May 24-25, 2018.
- Program Chair, Workshop on Information and Communication Security Science and Engineering (ICSSE), National Computer Symposium 2017 (NCS 2017), Hualien, Taiwan, Dec. 14-15, 2017.
- Publicity Co-Chair, Workshop on Security and Privacy in Cyber-Physical Systems 2017 (SPCPS 2017), University of Exeter, UK, June. 21-23, 2017.
- Executive Chair, 10th International Conference on Network and System Security (NSS 2016), Taipei, Taiwan, Sep. 28-30, 2016.
- Program Chair, 2014 Workshop on RFID Security (RFIDsec'14 Asia), Hualien, Taiwan, Nov. 27-28, 2014.
- Organizing Committee, 2012 Workshop RFID and IoT Security (RFIDsec'12 Asia), Taipei, Taiwan, Nov. 08-09, 2012.

- Academic Membership

- (ISC)², Member ID: 864614, 2021 – present.
- IEEE Senior Member, Number 90306062, 2016 – present.
- ISA Senior Member, Number 0034093328, 2021.08.28 – present.
- ISACA Member, Number 1365089, 2021.01.17 – 2023.12.31
- ACM Member, Number 9941558, 2020 – 2021.
- IEEE Member, Number 90306062, 2012 – 2016.

- IEICE Member, Number 1687638, 2016 – 2019.
- Member, Computer Audit Association (CAA; 中華民國電腦稽核協會), Taiwan, 2021 – 2023.
- Member, The Chinese Cryptology and Information Security Association (CCISA; 中華民國資訊安全學會), Taiwan, 2012 - present.
- Member, The Computer Society of the Republic Of China (CSROC; 中華民國電腦學會), Taiwan, 2020 – 2021.
- Member, Institute of Information & Computing Machinery (IICM; 中華民國資訊學會), Taiwan, 2020 – 2021.
- Program Committee,
 - IPEC 2024, ICNSBT 2024, KES 2023, STM 2023, ISPEC 2023, Inscript 2023, IEEE COMNETSAT 2023, DePIN 2023, DSPP 2023, EAI BDTA 2023, NSS 2023, IEEE MetaCom 2023, IWSEC 2023, ICICS 2023, IEAAIE 2023, EAI SPNCE 2022, CAIS 2022, IEEE Blockchain 2022, ISPEC 2022, ProvSec 2022, SciSec 2022, IEEE CyberneticsCom 2022, SocialSec 2022, ICC'22 Workshop on E-health Security for Future 6G, ISPACS 2021, CyberSciTech 2021, IEEE Blockchain 2021, WOCC 2021, ISPEC 2021, NSS 2021, IEEE SMDS 2021, SocialSec 2021, EAI SPNCE 2021, STM 2021, ICCCN 2021, EISA 2021, EAI AC3 2021, IEEE DSC 2021, NSS 2020, IEEE Blockchain 2020, IEEE iSCI 2020, SPNCE 2020, IEEE SERVICES 2020, IEEE SCC 2020, MIC-Computing 2020, ISPEC 2020, ICBC 2020, IEEE SmartDataServices 2020, ISPEC 2019, CENet2019, WISA 2019, CyberSciTech 2019, AsiaJCIS 2019, SocialSec 2019, Blockchain 2019, ICIOT 2019, ICBC 2019, SICBS 2018, ICITCS 2018, DSC 2018, CCIOT 2018, ISPEC 2018, NSS 2018, CyberSciTech 2018, Blockchain 2018, NSS 2017, ICITCS 2017, CECNet 2017, NextComp 2017, SPCPS 2017, ICISS 2016, CECNet 2016, NSS 2016, SSME 2016, ICMESD 2016, ICNISC2016, ICISA 2016, ICISS 2015, CECNet2015, CECNet 2014, RFIDsec'12 Asia
- Reviewer,
 - ACM Transactions on Embedded Computing Systems, Ad Hoc Networks, Applied Computing and Informatics, Applied Sciences, Arabian Journal for Science and Engineering, Computational Intelligence, Computer Networks, Computer and Security, Computer Standards & Interfaces, Frontiers of Computer Science, Future Generation Computer Systems, IEEE/ACM Transactions on Networking, IEEE Systems Journal, IEEE Communications Letters, IEEE Transactions on Dependable and Secure Computing, IEEE Transactions on Emerging Topics in Computing, IEEE Transactions on Industrial Informatics, IEEE Transactions on Services Computing, IET Communications, Information Technology and Control, Information Sciences, Information Security Technical Report, International Journal of Ad Hoc and Ubiquitous Computing, International Journal of Communication Systems, International Journal of Distributed Sensor Networks, International Journal of Information and Computer Security, Japan Journal of Industrial and Applied Mathematics, Journal of Computer Science and Technology, Journal of Internet Technology, Journal of Medical Systems, Journal of Network and Computer Applications, Journal of Research in Electronic Commerce Frontiers, Journal of Signal Processing Systems, Journal of Zhejiang University Science C (Computers & Electronics), Pervasive and Mobile Computing, Security and Communication Networks, Sensors, South African Journal of Science, The Scientific World Journal, WCNC 2016, ICICS 2014, NISS 2013, ITST 2012, INMIC 2011

Publication (Journal)

1. Hu Xiong, Hanxiao Wang, Weizhi Meng, **Kuo-Hui Yeh***, "Attribute-based Data Sharing Scheme with Flexible Search Functionality for Cloud Assisted Autonomous Transportation System," IEEE Transactions

- on Industrial Informatics, vol. 19, no. 11, pp. 10977-10986, Nov. 2023, <https://doi.org/10.1109/TII.2023.3242815>. (*Corresponding Author, JCR Q1 97.7%, Impact Factor of 2022 = 12.3)
2. Hu Xiong, Zheng Qu, Xin Huang, **Kuo-Hui Yeh***, "Revocable and Unbounded Attribute-based Encryption Scheme with Adaptive Security for Integrating Digital Twins in Internet of Things," IEEE Journal on Selected Areas in Communication, Vol. 41, Issue 10, pp. 3306-3317, October 2023. (*Corresponding author, JCR Q1 98.7%, Impact Factor of 2022 = 16.4)
 3. **Kuo-Hui Yeh**, Ilias Travlos, Ahmad Nawaz, Shih-Chieh Chang, Han-Chieh Chao, "Editorial: Sustainable and Intelligent Plant Health Management in Asia (2022)," Frontiers in Plant Science, Volume 14, August 2023. <https://doi.org/10.3389/fpls.2023.1244869> (JCR Q1 88.9%, Impact Factor of 2022 = 5.6)
 4. Mengjuan Liu, Jiang Liu, Chenyang Liu, **Kuo-Hui Yeh***, "A Task-oriented Neural Dialogue System Capable of Knowledge Accessing," Journal of Information Security and Applications, Volume 76, 103551, August 2023. <https://doi.org/10.1016/j.jisa.2023.103551> (*Corresponding author, JCR Q2 74.4%, Impact Factor of 2022 = 5.6)
 5. Wen-Wei Li, Weizhi Meng, **Kuo-Hui Yeh**, Shi-Cho Cha, "Trusting Computing as a Service for Blockchain Applications," IEEE Internet of Things Journal, Vol. 10, Issue 13, pp. 11326-11342, July, 2023. <https://doi.org/10.1109/IIOT.2023.3242464> (JCR Q1 97.8%, Impact Factor of 2022 = 10.6)
 6. Fan-Hsun Tseng, Jiang-Yi Zeng, Hsin-Hung Cho, **Kuo-Hui Yeh**, Chi-Yuan Chen, "Detecting Adversarial Examples of Fake News via the Neurons Activation State," Early Access, IEEE Transactions on Computational Social Systems, July 2023. <https://doi.org/10.1109/TCSS.2023.3293718> (JCR Q1 77.1%, Impact Factor of 2022 = 5.0)
 7. Kuongho Chen, Lin-Fa Lee, Wayne Chiu, Chunhua Su, **Kuo-Hui Yeh***, Han-Chieh Chao, "A Trusted Reputation Management Scheme for Cross-Chain Transactions," Sensors, 23(13), 6033, June 2023. <https://doi.org/10.3390/s23136033> (*Corresponding author, JCR Q2 70.6%, Impact Factor of 2022 = 3.9)
 8. Wanting Zhou, **Kuo-Hui Yeh**, Shiwei Yuan, Lei Li, "A cycle-level recovery method for embedded processor against HT tamper," Heliyon, Volume 9, Issue 6, e17085, June 2023. <https://doi.org/10.1016/j.heliyon.2023.e17085> (JCR Q2 69.2%, Impact Factor of 2022 = 4.0)
 9. **Kuo-Hui Yeh**, Chunhua Su, Shi-Cho Cha, "Special Issue Editorial, Blockchain-Enabled Technology for IoT Security, Privacy and Trust," Symmetry 15, 1059, May 2023. <https://doi.org/10.3390/sym15051059> (JCR Q2 51.4%, Impact Factor of 2022 = 2.7)
 10. **Kuo-Hui Yeh**, Chien-Ming Chen, Wei-Che Chien, "Special Issue Editorial, Deep Learning Technologies for Mobile Networks: A Themed Issue in Honor of Prof. Han-Chieh Chao," Symmetry 2023, 15(4), 882, April 2023. <https://doi.org/10.3390/sym15040882> (JCR Q2 51.4%, Impact Factor of 2022 = 2.7)
 11. Meng, Wen-Wei Li, **Kuo-Hui Yeh***, "A Blockchain-enabled IoT Auditing Management System Complying with ISO/IEC 15408-2," Computers & Industrial Engineering, Volume 178, 109091, April 2023. <https://doi.org/10.1016/j.cie.2023.109091> (*Corresponding Author, JCR Q1 85%, Impact Factor of 2022 = 7.9)
 12. Shi-Cho Cha, Chun-Lin Chang, Yang Xiang, Tzu-Jia Huang, **Kuo-Hui Yeh***, "Enhancing OAuth with Blockchain Technologies for Data Portability," IEEE Transactions on Cloud Computing, vol. 11, no. 1, pp. 349-366, Jan.-March 2023, <https://doi/10.1109/TCC.2021.3094846>. (*Corresponding Author, JCR Q1 87.8%, Impact Factor of 2022 = 6.5)
 13. Hu Xiong, Jinhao Chen, Jun Feng, Yang Xiang, **Kuo-Hui Yeh***, "Scalable and Revocable Attribute-based Data Sharing with Short Revocation List for IIoT," Volume: 10, Issue: 6, IEEE Internet of Things Journal, March 15, 2023, Page(s): 4815-4829. <https://doi.org/10.1109/IIOT.2022.3220980>. (*Corresponding Author, JCR Q1 97.8%, Impact Factor of 2022 = 10.6)

14. Chien-Ming Chen, **Kuo-Hui Yeh***, Lyes Khoukhi, Chan Yeob Yeun, "Guest Editorial: Cryptography for Secure Blockchain," *Journal of Internet Technology*, vol. 24, no. 2, pp. 507-508, Mar. 2023. (*Corresponding Author, JCR Q4 18.8%, Impact Factor of 2022 = 1.6)
15. Wanting Zhou, Man Li, Lei Li, **Kuo-Hui Yeh**, "Prediction of SET on SRAM Based on WOA-BP Neural Network," *Journal of Internet Technology*, vol. 24, no. 2, pp. 267-273, Mar. 2023. (JCR Q4 18.8%, Impact Factor of 2022 = 1.6)
16. ZengRi Zeng, Baokang Zhao, Weizhi Meng, Han-Chieh Chao*, Ilsun You*, **Kuo-Hui Yeh**, "Towards Intelligent Attack Detection Using DNA Computing," *ACM Transactions on Multimedia Computing, Communications, and Applications*, Vol. 19, Issue 3s, Article No. 126, pp. 1-27, <https://doi.org/10.1145/3561057>, February, 2023. (JCR Q1 85.6%, Impact Factor of 2022 = 5.1)
17. Fan-Hsun Tseng, **Kuo-Hui Yeh**, Fan-Yi Kao, Chi-Yuan Chen, "MiniNet: Dense Squeeze with Depthwise Separable Convolutions for Image Classification in Resource-constrained Autonomous Systems," *ISA Transactions*, Vol. 132, January 2023, Pages 120-130, <https://doi.org/10.1016/j.isatra.2022.07.030>. (JCR Q1 93.9%, Impact Factor of 2022 =7.3)
18. **Kuo-Hui Yeh**, Guan-Yan Yang, Chanapha Butpheng, Lin-Fa Lee, Ying-Ho Liu, "A Secure Interoperability Management Scheme for Cross-Blockchain Transactions," *Symmetry* 2022, 14(12), 2473; <https://doi.org/10.3390/sym14122473>, 22 November 2022 (*Corresponding Author, JCR Q2 51.4%, Impact Factor of 2022 = 2.7)
19. Chanapha Butpheng, **Kuo-Hui Yeh***, Jia-Li Hou, "A Secure IoT and Cloud Computing-Enabled e-Health Management System," *Security and Communication Networks*, vol. 2022, Article ID 5300253, 14 pages, June 2022, <https://doi.org/10.1155/2022/5300253>. (*Corresponding Author, JCR Q3 30.65%, Impact Factor of 2021 = 1.968)
20. Shi-Cho Cha, Chuang-Ming Shiung, Wen-Wei Li, Chun-Neng Peng, Yi-Hsuan Hung and **Kuo-Hui Yeh***, "Trustworthiness Evaluation for Permissioned Blockchain-enabled Applications," *CMC-Computers, Materials & Continua* 2022, 73(2), pp. 2731-2755, June 2022, <https://doi.org/10.32604/cmc.2022.029161>. (*Corresponding Author, JCR Q3 45.5%, Impact Factor of 2022 = 3.1)
21. Hu Xiong, Chuanjie Jin, Mamoun Alazab, **Kuo-Hui Yeh**, Hanxiao Wang, Thippa Reddy Gadekallu, Weizheng Wang*, Chunhua Su, "On the Design of Blockchain-based ECDSA with Fault-tolerant Batch Verification Protocol for Blockchain-enabled IoMT," *IEEE Journal of Biomedical and Health Informatics*, Vol. 26, Issue 5, May 2022, pp. 1977-1986 <https://doi.org/10.1109/JBHI.2021.3112693>. (JCR Q1 93.6%, Impact Factor of 2022 = 7.7)
22. Chien-Ming Chen, Shehzad Ashraf Chaudhry, **Kuo-Hui Yeh**, Muhammad Naveed Aman, "Security, Trust and Privacy for Cloud, Fog and Internet of Things," *Security and Communication Networks*, vol. 2022, Article ID 9841709, 2 pages, Jan. 2022. <https://doi.org/10.1155/2022/9841709>. (JCR Q3 30.65%, Impact Factor of 2021 = 1.968)
23. Yi Wu, Wei Zhang, Hu Xiong, Zhiguang Qin, **Kuo-Hui Yeh**, "Efficient Access Control with Traceability and User Revocation in IoT," *Multimedia Tools and Applications*, 80, pp. 31487-31508, September 2021. (JCR Q2 62.67%, Impact Factor of 2021 = 2.577)
24. Mian Ahmad Jan, **Kuo-Hui Yeh***, Zhiyuan Tan, Yulei Wu, "(Editorial) Blockchain for Edge-enabled Smart Cities Applications," *Journal of Information Security and Applications*, Vol. 61, September 2021, 102937 <https://doi.org/10.1016/j.jisa.2021.102937>. (*Corresponding Author, (JCR Q2 73.48%, Impact Factor of 2021 = 4.960)

25. Jerry Chun-Wei Lin, **Kuo-Hui Yeh**, "(Editorial) Security and Privacy Techniques in IoT Environment," *Sensors* 2021, 21(1), 1; <https://doi.org/10.3390/s21010001>, December 2020. (JCR Q2 78.91%, Impact Factor of 2020 = 3.576)
26. **Kuo-Hui Yeh***, Weizhi Meng, SK Hafizul Islam, Kuan Zhang, Ennan Zhai, "(Editorial) IEEE Access Special Section Editorial: Security and Privacy for Cloud and IoT," *IEEE Access*, Vol. 8, <https://doi.org/10.1109/ACCESS.2020.3040469>, December 2020, pp. 219690 - 219694. (*Corresponding Author, JCR Q2 65.75%, Impact Factor of 2020 = 3.367)
27. **Kuo-Hui Yeh***, Robert H. Deng, Hiroaki Kikuchi, "(Editorial) Special Issue on FinTech Security and Privacy," *Future Generation Computer Systems*, Volume 112, <https://doi.org/10.1016/j.future.2020.07.057>, November 2020, Pages 1172-1173. (*Corresponding Author, JCR Q1 94.09%, Impact Factor of 2020 = 7.187)
28. Shi-Cho Cha, Hao Wang, Zhiyuan Tan, Yuh-Jzer Joung, Yen-Chung Tseng, **Kuo-Hui Yeh***, "On privacy aware carriers for value-possessed e-invoices considering intelligence mining," *IEEE Transactions on Emerging Topics in Computational Intelligence*, Volume 4, Issue 5, <https://doi.org/10.1109/TETCI.2019.2938547>, October 2020, Pages 641-652. (*Corresponding Author, 2021 SCIE included)
29. Hu Xiong, Yan Wu, Chunhua Su, **Kuo-Hui Yeh***, "A Secure and Efficient Certificateless Batch Verification Scheme with Invalid Signature Identification for the Internet of Things," *Journal of Information Security and Applications*, Article 102507, Vol. 53, <https://doi.org/10.1016/j.jisa.2020.102507>, August 2020. (*Corresponding Author, JCR Q2 65.73%, Impact Factor of 2020 = 3.872)
30. Chanapha Butpheng, **Kuo-Hui Yeh***, Hu Xiong, "Security and Privacy in IoT-Cloud-Based e-Health Systems - A Comprehensive Review", *Symmetry*, 12(7), 1191, July 2020. (*Corresponding Author, JCR Q2 54.86%, Impact Factor of 2020 = 2.713)
31. Shi-Cho Cha, **Kuo-Hui Yeh***, Zi-Jia Huang, "bleRPC: A Plug-and-Play RPC Framework over BLE," *Computer Communications*, Vol. 157, pp. 298–307, May 2020. (*Corresponding Author, JCR Q2 62.09%, Impact Factor of 2020 = 3.167)
32. Lu Zhou, Chunhua Su, Wayne Chiu, **Kuo-Hui Yeh***, "You Think, Therefore You Are: A Transparent Authentication System with Brainwave-oriented Bio-features," *IEEE Transactions on Emerging Topics in Computing*, Vol. 8, Issue 2, April-June 2020, pp. 303 - 312. (*Corresponding Author, JCR Q1 93.48%, Impact Factor of 2020 = 7.691)
33. **Kuo-Hui Yeh**, Chunhua Su, Robert H. Deng, Moti Yung, Mirosław Kutylowski, "(Editorial) Special Issue on Security and Privacy of Blockchain Technologies," *International Journal of Information Security*, 19(3), pp. 243-244, April 2020. (JCR Q2 62.27%, Impact Factor of 2020 = 1.988)
34. Liangfu Lu, Xiaoxu Ren, **Kuo-Hui Yeh**, Zhiyuan Tan, Jocelyn Chanussot, "Exploring coupled images fusion based on joint tensor decomposition," *Human-centric Computing and Information Sciences*, Vol. 10, Article number: 10, March 2020. (JCR Q1 84.78%, Impact Factor of 2020 = 5.900)
35. Hu Xiong, Yanan Zhao, Li Peng, Hao Zhang, **Kuo-Hui Yeh***, "Partially Policy-Hidden Attribute-Based Broadcast Encryption with Secure Delegation in Edge Computing," *Future Generation Computer Systems*, Volume 97, August 2019, Pages 453-461, 2019. (*Corresponding Author, JCR Q1 93.06%, Impact Factor of 2019 = 6.125)
36. Chien-Ming Chen, King-Hang Wang, **Kuo-Hui Yeh**, Bin Xiang, Tsu-Yang Wu, "Attacks and Solutions on a Three-Party Password-based Authenticated Key Exchange Protocol for Wireless Communications," *Journal of Ambient Intelligence and Humanized Computing*, volume 10, pages 3133–3142, August 2019. (JCR Q1 83.01%, Impact Factor of 2019 = 4.594)

37. Lu Zhou, Chunhua Su, **Kuo-Hui Yeh***, "A Lightweight Cryptographic Protocol with Certificateless Signature Scheme for the Internet of Things," *ACM Transactions on Embedded Computing Systems*, Vol. 18, No. 3, Article 28, April 2019, 10 pages. (*Corresponding Author, JCR Q3 48.61%, Impact Factor of 2019 = 1.530)
38. Shi-Cho Cha, Tzu-Yang Hsu, Yang Xiang, **Kuo-Hui Yeh***, "Privacy Enhancing Technologies in the Internet of Things: Perspectives and Challenges," *IEEE Internet of Things Journal*, Volume: 6, Issue: 2, April 2019, pp. 2159-2187. (*Corresponding Author, JCR Q1 98.14%, Impact Factor of 2019 = 9.936)
39. Lu Zhou, Xiong Li, **Kuo-Hui Yeh***, Chunhua Su, Wayne Chiu, "Lightweight IoT-based authentication scheme in cloud computing circumstance," *Future Generation Computer Systems*, Vol. 91, pp. 244-251, February 2019. (*Corresponding Author, JCR Q1 93.06%, Impact Factor of 2019 = 6.125)
40. Cheng-Fa Chiang, Fang-Ming Hsu, **Kuo-Hui Yeh***, "Robust IoT-based nursing-care support system with smart bio-objects," *BioMedical Engineering OnLine*, 17(Suppl 2):154, November 2018. (*Corresponding Author, JCR Q3 35.63%, Impact Factor of 2018 = 2.013)
41. Wayne Chiu, Chunhua Su, Chuan-Yen Fan, Chien-Ming Chen, **Kuo-Hui Yeh***, "Authentication with What You See and Remember in the Internet of Things," *Symmetry*, Vol. 10, Issue 11, DOI: 10.3390/sym10110537, October 2018. (*Corresponding Author, JCR Q2 57.25%, Impact Factor of 2018 = 2.143)
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