

A. 期刊論文

1. **PS Huang**, F Fahmi, FJ Wang, "Improving the Detection of Artifact Anomalies in a Workflow Analysis," IEEE Transactions on Reliability, vol. 70, no. 2, pp. 692-710, June 2021, doi: 10.1109/TR.2020.3048612.

B. 國際研討會

1. M Abouzeid, **PS Huang**, FJ Wang, "Enhancing the Detection of Anomalous Artifact Operations in Temporal Structured Workflows," in 11th IEEE International Conference on Dependable Systems and Their Applications (DSA), 2024, pp. 230-241.

2. M Abouzeid, **PS Huang**, FJ Wang, "Enhancing the Reliability of Microservice Workflows through Concurrent Artifact Anomaly Detection," in 2024 IEEE World Congress on Services (SERVICES), 2024.

3. M Abouzeid, **PS Huang**, FJ Wang, "Improving the Detection of Concurrent Artifact Anomalies in a Structured Workflow," in IEEE 23rd International Conference on Software Quality, Reliability, and Security Companion (QRS-C), 2023.

4. M Abouzeid, **PS Huang**, FJ Wang, "A Method to Improving Artifact Anomaly Detection in a Temporal Structured Workflow," in 2023 IEEE World Congress on Services (SERVICES), 2023.

5. F Fahmi, **PS Huang**, FJ Wang, H Yang, "Constructing a Creative Software with Services," in 2021 IEEE International Conference on Services Computing (SCC), 2021, pp. 134-144.

6. **PS Huang**, F Fahmi, FJ Wang, H Yang, "Constructing a Creative Service Software with Semantic Web," in 8th IEEE International Conference on Dependable Systems and Their Applications (DSA), 2021, pp. 505-513.

7. **PS Huang**, F Fahmi, FJ Wang, "A Model to Helping the Construction of Creative Service-Based Software," in 2021 IEEE 45th Annual Computers, Software, and Applications Conference (COMPSAC), 2021, pp. 1235-1242.

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11. F Fahmi, **PS Huang**, FJ Wang, "Improving the Detection of Sequential Anomalies Associated with a Loop," in 2019 IEEE 43rd Annual Computer Software and

Applications Conference (COMPSAC), 2019, pp. 127-134.

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15. **PS Huang**, QC Chen, CW Huang, SL Tsao, An Efficient Thermal Estimation Scheme for Microprocessors, Proceedings of the 20th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications, Chongqing, China, Aug., 20-22, 2014, pp. 1-10.

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C. 專利

1. 曹孝櫟, **黃培書**, 陳冠中, 微處理器溫度推算方法及其電腦系統 (TEMPERATURE ESTIMATING METHOD OF MICROPROCESSOR AND COMPUTER SYSTEM USING THE SAME), 中華民國發明專利, 發明第 I569136 號。

2. 楊奇達, **黃培書**, 劉德宥, 虛擬助理磋商系統及其方法 (VIRTUAL ASSISTANT NEGOTIATION SYSTEM AND METHOD THEREOF), 中華民國發明專利, 發明第 I739079 號。

3. CT Yang, **PS Huang**, TY Liu, Virtual assistant negotiation system and method thereof, US Patent, US11734589B2

4. CT Yang, **PS Huang**, TY Liu, Virtual assistant negotiation system and method thereof, CN Patent, CN111158803B

E. 專書、專論、研究報告

1. 吳沛儒, 曾明德, 林良泰, 蘇昭銘, 王晉元, 吳毅成, **黃培書**, 何國豪, 郭松庭, 黃啟倡, 程楷祐, 倪文哲, 陳怡君, 林孟潔, 李敏聞, 楊喻楨, 吳姿潔, 施彥妤, 吳東凌, 周家慶(2021), 應用人工智慧技術進行交通數據蒐集暨號誌控制之研究, 交通部運輸研究所, 9789865313210