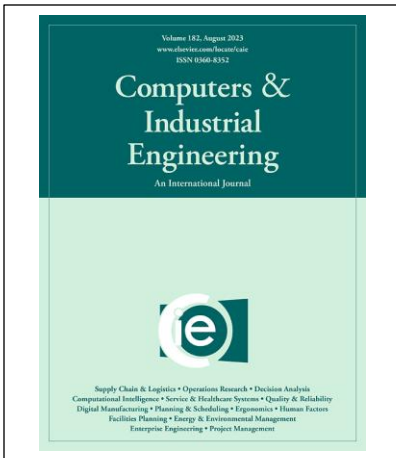


# ISE FACULTY / \*STUDENT PUBLICATIONS

SPRING 2025 – SPRING 2026

## REFEREED JOURNALS / BOOKS



### **Computers in Industrial Engineering**

**Dessouky, Y.**, Editor-in-Chief, Elsevier. Cite score: 13.2. The Impact Factor of this journal is 6.5, CAIE Cite score puts it in the 96<sup>th</sup> percentile of 262 engineering journals. (Q1, Web of Science; ABDC 'A' rating).

### **Golden anniversary of Computers & Industrial Engineering: A bibliometric retrospective**

Guan, L., Merigo, J. and **Dessouky Y.** (2025), " ", Computers and Industrial Engineering, Editorial.

### **Charting the Unknown: Formulating Problem Statements in the Age of Artificial Intelligence**

Tavana, M., and **Dessouky, Y.** (2025), " ", Computers and Industrial Engineering, Editorial.

### **Directional vibrotactile takeover requests on a wrist-worn device: effects of age, pattern type, and urgency in automated driving.**

Lo, W. H., & **Huang, G.** (2025). Accident Analysis & Prevention, 220, 108093.

<https://doi.org/10.1016/j.aap.2025.108093>

### **Vibration Patterns That Persuade: A National Survey of Driver Preferences for Wrist-Worn Vibrotactile Displays in Automated Vehicle Takeover.**

Lo, W. H., & **Huang, G.** (2025). International Journal of Human-Computer Interaction, 1-21.

<https://doi.org/10.1080/10447318.2025.2598454>

### **Shared Control in Micro-Mobility: Effects of Rider Skill and Automation Levels on Subjective Well-Being in E-Scooter Use.**

Lo, W. H., Lee, J., Roberts, C., Dong, M., Martinez, K., Etu, E. E., ... & **Huang, G.** (2026).

International Journal of Human-Computer Interaction, 1-28

<https://doi.org/10.1080/10447318.2025.2601282>

### **Forecasting Pediatric Emergency Department Arrivals: Evaluating the Role of Exogenous Variables Using Deep Learning Models.**

Etu, E. E., Larot, J., Etu, K., Emakhu, J., Masoud, S., Tenebe, I., **Huang, G.**, Gunaga, S., & Miller, J.

(2025). Intelligence-Based Medicine, 100313. <https://doi.org/10.1016/j.ibmed.2025.100313>

### **Embodied Intelligence.**

**Huang, G.** (2025). In Handbook of Human-Centered Artificial Intelligence. Springer, Singapore.

[https://doi.org/10.1007/978-981-97-8440-0\\_8-1](https://doi.org/10.1007/978-981-97-8440-0_8-1)

### **Evaluation of home modifications for individuals with mobility impairments using virtual reality and wearable sensors.**

**Luo, Y.**, Gopinadhan, J., Grimaldi, N. S., Lu, X., Ahrentzen, S., Srinivasan, R., & Hu, B. (2025).

Disability and Rehabilitation: Assistive Technology, 1-16.

<https://doi.org/10.1080/17483107.2025.2555536>

### **Using AI-Powered video feedback to improve ergonomics: An analog experiment.**

Espericueta Luna, W. A., Wu, Y. J., **Luo, Y.**, Hu, B., & Gravina, N. (2025). Journal of Organizational

Behavior Management, 1-27. <https://doi.org/10.1080/01608061.2025.2482157>

### **Human Factors Analysis of 23 Cyberattacks (The Human Element in Smart and Intelligent Systems)**

**Moallem, A.** (2025), CRC Press, Boca Raton, FL. [Available on Amazon](#) .

### **HCI for Cybersecurity, Privacy and Trust, Part I, Part II, and Part VII**

**Moallem, A.**, Editor, Proceedings 7th International Conference, HCI-CPT 2025, Held as Part of the 27th HCI International Conference, HCII 2025, Gothenburg, Sweden, June 22–27, 2025, Springer.

### **Human Factors in Cybersecurity**

**Moallem, A.**, Editor, AHFE Conference proceedings © 2026, Springer

### **AINR: Automated Intrinsic Non-Rigid Registration for Accuracy Qualification of Complex Freeform Products in 3D Printing**

**Lin, W.** and Qiang Huang. IISE Transactions, October, 1–12, 2025.

doi:10.1080/24725854.2025.2561558,.

### **Hyperparameter tuning of deep learning models using MaxPro space filling methodology**

**Gupta, S.**, Jeripothula, H. R., & Montgomery, D. C. (2025). Hyperparameter tuning of deep learning models using MaxPro space filling methodology. International Journal of Experimental Design and Process Optimisation, 8(1–2), 52–61.

