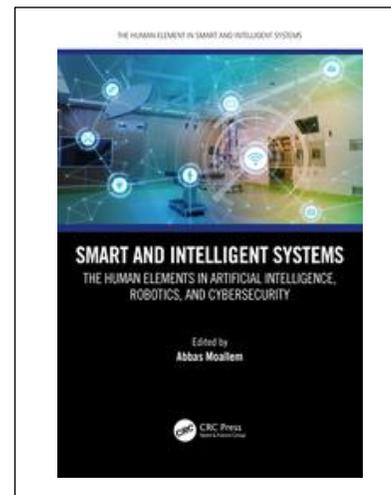
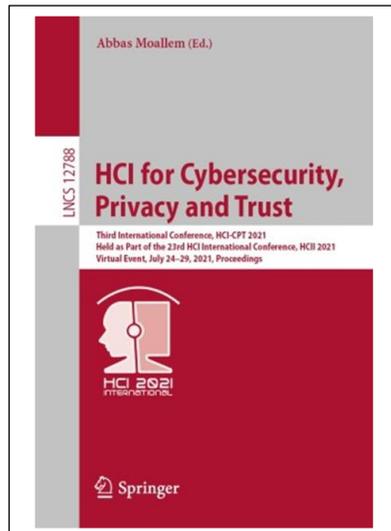
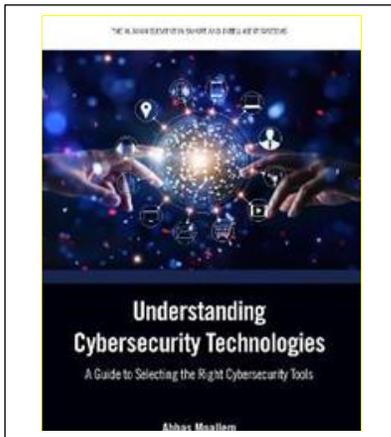


# ISE FACULTY / \*STUDENT PUBLICATIONS

SPRING 2021 – SPRING 2022

## REFEREED JOURNALS / BOOKS



### ***Computers in Industrial Engineering***

**Dessouky, Y.**, Editor-in-Chief, Elsevier. Cite score: 7.9.

The Impact Factor of this journal is 5.431, ranking it 21 out of 112 in *Computer Science, Interdisciplinary Applications*

### ***A Cost-Effectiveness Analysis of Lung Cancer Screening With Low-Dose Computed tomography and a Diagnostic Biomarker***

Toumazis, I., **Erdogan, S. A.**, Bastani, M., Leung, A., & Plevritis, S. K. (2021). *JNCI cancer spectrum*, 5(6), pkab081

### ***Cybersecurity, Privacy, and Trust***

**Moallem, A (2021)**, Chapter in **Handbook of Human Factors and Ergonomics**, 5<sup>th</sup> Edition, Slavendy and Karwowski Editors, Wiley ISBN 978-1-119-63608-3.

### ***Understanding Cybersecurity Technologies: A Guide to Selecting the Right Cybersecurity Tools***

**Moallem, A (2022)** Routledge/Taylor Francis Group, CRC Press. ISBN 9780367457457

### ***Smart and Intelligent Systems: The Human Elements in Artificial Intelligence, Robotics, and Cybersecurity***

**Moallem, A (2022)**, Editor, CRC Press. ISBN 9780367461492

### ***HCI for Cybersecurity, Privacy, and Trust***

**Moallem, A (2021) Proceedings Editor**, Third International Conference, HCI-CPT 2021, Held as Part of the 23rd HCI International Conference, HCI 2021, Virtual Event, July 24–29, 2021, Proceedings

### ***Application of Value Stream Mapping in E-Commerce: A Case Study on an Amazon Retailer***

Qin, Y. \*, **Liu, H.** (2022). *Sustainability*. 2022; 14(2):713, <https://doi.org/10.3390/su14020713>

### ***Learning the health index of complex systems using dynamic conditional variational autoencoders***

**Wei, Y, Wu, D,** and Terpenney, J. (2021). *Reliability Engineering & System Safety* 216: 108004.

### ***Constructing robust and reliable health indices and improving the accuracy of remaining useful life prediction***

**Wei, Y, Wu, D,** and Terpenney, J. (2022). *Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems*

### ***Takeover requests for automated driving: The effects of signal direction, lead time, and modality on takeover performance***

**Huang, G., & Pitts, B. J.** (2022). *Accident Analysis and Prevention*. <https://doi.org/10.1016/j.aap.2021.106534>

### ***The Effects of Age and Physical Exercise on Multimodal Signal Responses: Implications for Semi-autonomous Vehicle Takeover Request***

**Huang, G., & Pitts, B. J.** (2022). *s. Applied Ergonomics*, 98. <https://doi.org/10.1016/J.APERGO.2021.103595>

### ***Smart Speech Systems: A Focus Group Study on Older Adult User and Non-User Perceptions of Speech Interfaces***

Werner, L., **Huang, G., & Pitts, B. J.** (2022). *International Journal of Human-Computer Interaction*. (Accepted)

