[16] Rathinasabapathy R, Elsass MJ, Josephson JR, et al. A smart manufacturing methodology for real time chemical process diagnosis using causal link assessment. AIChE J 2016; 62: 3420–3431.

[17] D. Kibira, K. C. Morris, and S. Kumaraguru, "Methods and tools for performance assurance of smart manufacturing systems," *J. RES. NATL. INST. STAN.*, vol. 121, p. 287, Jun. 2016.

[18] Papazoglou MP, Van Den Heuvel WJ and Mascolo JE. Reference architecture and knowledge-based structures for smart manufacturing networks. IEEE Softw 2015; 32: 61–69.

[19] B. Kulvatunyou, N. Ivezic, K. C. Morris, and S. Frechette, "Drilling down on Smart Manufacturing – enabling composable apps," *Manufacturing Letters*, vol. 10, pp. 14–17, Oct. 2016.

[20] A. Kusiak, "Smart manufacturing must embrace big data.," *Nature*, vol. 544, no. 7648, pp. 23–25, Apr. 2017.

[21] K. Nagadi, L. Rabelo, M. Basingab, A. T. Sarmiento, A. Jones, and A. Rahal, "A hybrid simulation-based assessment framework of smart manufacturing systems," *International Journal of Computer Integrated Manufacturing*, vol. 31, no. 2, pp. 115–128, Feb. 2018.

[22] S. Mittal, M. A. Khan, D. Romero, and T. Wuest, "Smart manufacturing: Characteristics, technologies and enabling factors," *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, vol. 233, no. 5, p. 095440541773654, Oct. 2017.

[23] S. Wang, J. Wan, D. Li, and C. Zhang, "Implementing smart factory of industrie 4.0: an outlook," *International Journal of Distributed Sensor Networks*, vol. 12, no. 1, p. 3159805, Jan. 2016.

[24] A. Giret, E. Garcia, and V. Botti, "An engineering framework for Service-Oriented Intelligent Manufacturing Systems," *Computers in Industry*, vol. 81, pp. 116–127, Sep. 2016.

[25] B. Li, B. Hou, W. Yu, X. Lu, C. Yang. "Applications of Artificial Intelligence in Intelligent Manufacturing: A Review." Frontiers of Information Technology & Electronic Engineering 18 (1): 86–96, 2018.

[26] J. Lee, B. Bagheri, and H.-A. Kao, "A Cyber-Physical Systems architecture for Industry 4.0-based manufacturing systems," *Manufacturing Letters*, vol. 3, pp. 18–23, Jan. 2015.

[27] M. Mahmoud, M. S. Ahmad, and M. Z. Mohd Yusoff, "Development and implementation of a technique for norms-adaptable agents in open multi-agent communities," *Jrl Syst Sci & Complex*, vol. 29, no. 6, pp. 1519–1537, Dec. 2016.

[28] S. A. Mostafa, M. S. Ahmad, M. Annamalai, A. Ahmad, and S. S. Gunasekaran, "A dynamically adjustable autonomic agent framework," in *Advances in information systems and technologies*, vol. 206, Á. Rocha, A. M. Correia, T. Wilson, and K. A. Stroetmann, Eds. Berlin, Heidelberg: Springer Berlin Heidelberg, 2013, pp. 631–642.

[29] S. A. Mostafa, R. Darman, S. H. Khaleefah, A. Mustapha, N. Abdullah, H. Hafit. "A General Framework for Formulating Adjustable Autonomy of Multi-agent Systems by Fuzzy Logic." *InKES International Symposium on Agent and Multi-Agent Systems: Technologies and Applications* 2018 Jun 20 (pp. 23-33). Springer, Cham.

[30] S. A. Mostafa, M. S. Ahmad, A. Ahmad, M. Annamalai, and S. S. Gunasekaran, "A Flexible Human-Agent Interaction model for supervised autonomous systems," in *2016 2nd International Symposium on Agent, Multi-Agent Systems and Robotics (ISAMSR)*, 2016, pp. 106–111.

[31] S. A. Mostafa, M. S. Ahmad, M. Annamalai, A. Ahmad, and S. S. Gunasekaran, "A conceptual model of layered adjustable autonomy,"

in *Advances in information systems and technologies*, vol. 206, Á. Rocha, A. M. Correia, T. Wilson, and K. A. Stroetmann, Eds. Berlin, Heidelberg: Springer Berlin Heidelberg, 2013, pp. 619–630.

[32] S. A. Mostafa, M. S. Ahmad, A. Ahmad, M. Annamalai, and A. Mustapha, "A dynamic measurement of agent autonomy in the layered adjustable autonomy model," in *Recent developments in computational collective intelligence*, vol. 513, A. Badica, B. Trawinski, and N. T. Nguyen, Eds. Cham: Springer International Publishing, 2014, pp. 25–35.

[33] S. A. Mostafa, M. S. Ahmad, A. Ahmad, M. Annamalai, and A. Mustapha, "A dynamic measurement of agent autonomy in the layered adjustable autonomy model," in *Recent developments in computational collective intelligence*, vol. 513, A. Badica, B. Trawinski, and N. T. Nguyen, Eds. Cham: Springer International Publishing, 2014, pp. 25–35.

[34] M. A. Mahmoud, M. S. Ahmad, and M. Z. M. Yusoff, "A Norm Assimilation Approach for Multi-agent Systems in Heterogeneous Communities," in *Intelligent information and database systems*, vol. 9621, Berlin, Heidelberg: Springer Berlin Heidelberg, 2016, pp. 354–363.

[35] M. A. Mahmoud, M. S. Ahmad, M. Z. M. Yusoff, and A. Idrus, "Automated Multi-agent Negotiation Framework for the Construction Domain," in *Distributed computing and artificial intelligence, 12th international conference,* vol. 373, Cham: Springer International Publishing, 2015, pp. 203–210.

[36] M. A. Mahmoud, A. Mustapha, M. S. Ahmad, A. Ahmad, M. Z. M. Yusoff, and N. H. A. Hamid, "Potential norms detection in social agent societies," in *Distributed computing and artificial intelligence*, vol. 217, S. Omatu, J. Neves, J. M. C. Rodriguez, J. F. Paz Santana, and S. R. Gonzalez, Eds. Cham: Springer International Publishing, 2013, pp. 419–428.

[37] L. Subramainan, M. A. Mahmoud, M. S. Ahmad, and M. Z. M. Yusoff, "A simulator's specifications for studying students' engagement in a classroom," in *Distributed computing and artificial intelligence, 14th international conference*, vol. 620, S. Omatu, S. Rodríguez, G. Villarrubia, P. Faria, P. Sitek, and J. Prieto, Eds. Cham: Springer International Publishing, 2018, pp. 206–214.

[38] M. A. Mahmoud, R. Ramli, F. Azman, and J. Grace. (2018). A Development Methodology Framework of Smart Manufacturing Systems (Industry 4.0), MySEC 2018.

[39] M. Ahmed, M. S. Ahmad, and M. Z. Yusoff, "Modeling Agent-Based Collaborative Process," *Computational Collective Intelligence. Technologies and Applications Lecture Notes in Computer Science*, pp. 296–305, 2010.

[40] A. Ahmad, M. Zaliman, M. Yusof, Mohd. S. Ahmad, M. Ahmed, and A. Mustapha, "Resolving conflicts between personal and normative goals in normative agent systems," in *2011 7th International Conference on Information Technology in Asia*, 2011, pp. 1–6.

[41] O. A. Jassim, M. A. Mahmoud, and M. S. Ahmad, "A Multi-agent Framework for Research Supervision Management," in *Distributed computing and artificial intelligence, 12th international conference*, vol. 373, S. Omatu, Q. M. Malluhi, S. R. Gonzalez, G. Bocewicz, E. Bucciarelli, G. Giulioni, and F. Iqba, Eds. Cham: Springer International Publishing, 2015, pp. 129–136.

[42] M. A. Mahmoud, M. S. Ahmad, A. Ahmad, M. Z. Mohd Yusoff, and A. Mustapha, "A norms mining approach to norms detection in multi-agent systems," in 2012 International Conference on Computer & Information Science (ICCIS), 2012, pp. 458–463.