REFERÊNCIAS

Abdullahi, I.; Longo, S.; Samie, M. (2024). Towards a Distributed Digital Twin Framework for Predictive Maintenance in Industrial Internet of Things (IIoT). *Sensors*, *24*(8). https://doi.org/10.3390/s24082663

Ahn, J.; Lee, Y.; Kim, N., Park, C.; Jeong, J. (2023). Federated Learning for Predictive Maintenance and Anomaly Detection Using Time Series Data Distribution Shifts in Manufacturing Processes. *Sensors*, *23*(17). https://doi.org/10.3390/s23177331

Azari, M. S.; Flammini, F.; Santini, S.; Caporuscio, M. (2023). A Systematic Literature Review on Transfer Learning for Predictive Maintenance in Industry 4.0. In *IEEE Access* (Vol. 11, pp. 12887–12910). Institute of Electrical and Electronics Engineers Inc. https://doi.org/10.1109/ACCESS.2023.3239784

Chen, J.; Lim, C. P.; Tan, K. H.; Govindan, K.; Kumar, A. (2021). Artificial intelligence-based human-centric decision support framework: an application to predictive maintenance in asset management under pandemic environments. *Annals of Operations Research*. https://doi.org/10.1007/s10479-021-04373-w

Dalzochio, J.; Kunst, R.; Pignaton, E.; Binotto, A.; Sanyal, S.; Favilla, J.; Barbosa, J. (2020). Machine learning and reasoning for predictive maintenance in Industry 4.0: Current status and challenges. In *Computers in Industry* (Vol. 123). Elsevier B.V. https://doi.org/10.1016/j.compind.2020.103298

Divya, D.; Marath, B.; Santosh Kumar, M. B. (2023). Review of fault detection techniques for predictive maintenance. In *Journal of Quality in Maintenance Engineering* (Vol. 29, Issue 2, pp. 420–441). Emerald Publishing. https://doi.org/10.1108/JQME-10-2020-0107

Es-sakali, N.; Cherkaoui, M.; Mghazli, M. O.; Naimi, Z. (2022). Review of predictive maintenance algorithms applied to HVAC systems. *Energy Reports*, *8*, 1003–1012. https://doi.org/10.1016/j.egyr.2022.07.130

Esteban, A.; Zafra, A.; Ventura, S. (2022). Data mining in predictive maintenance systems: A taxonomy and systematic review. In *Wiley Interdisciplinary Reviews: Data Mining and*

Knowledge Discovery (Vol. 12, Issue 5). John Wiley and Sons Inc. https://doi.org/10.1002/widm.1471

Gawde, S.; Patil, S.; Kumar, S.; Kamat, P.; Kotecha, K. (2024). An explainable predictive maintenance strategy for multi-fault diagnosis of rotating machines using multi-sensor data fusion. *Decision Analytics Journal*, *10*. https://doi.org/10.1016/j.dajour.2024.100425

Hurtado, J.; Salvati, D.; Semola, R.; Bosio, M.; Lomonaco, V. (2023). Continual learning for predictive maintenance: Overview and challenges. In *Intelligent Systems with Applications* (Vol. 19). Elsevier B.V. https://doi.org/10.1016/j.iswa.2023.200251

Kiangala, K. S.; Wang, Z. (2020). An Effective Predictive Maintenance Framework for Conveyor Motors Using Dual Time-Series Imaging and Convolutional Neural Network in an Industry 4.0 Environment. *IEEE Access*, *8*, 121033–121049. https://doi.org/10.1109/ACCESS.2020.3006788

Meng, H.; Liu, X.; Xing, J.; Zio, E. (2022). A method for economic evaluation of predictive maintenance technologies by integrating system dynamics and evolutionary game modelling. *Reliability Engineering and System Safety*, *222*. https://doi.org/10.1016/j.ress.2022.108424

Mesarosova, J.; Martinovicova, K.; Fidlerova, H., Chovanova, H. H., Babcanova, D., & Samakova, J. (2022). Improving the level of predictive maintenance maturity matrix in industrial enterprise. *Acta Logistica*, *9*(2), 183–193. https://doi.org/10.22306/al.v9i2.292

Nikfar, M.; Bitencourt, J.; Mykoniatis, K. (2022). A Two-Phase Machine Learning Approach for Predictive Maintenance of Low Voltage Industrial Motors. *Procedia Computer Science*, *200*, 111–120. https://doi.org/10.1016/j.procs.2022.01.210

Poór, P.; Basl, J. (2019). Predictive maintenance as an intelligent service in Industry 4.0. *Journal of Systems Integration*, *1*, 3. https://doi.org/10.20470/jsi.v10i1.364

Rokhforoz, P.; Fink, O. (2021). Hierarchical multi-agent predictive maintenance scheduling for trains using price-based approach. *Computers and Industrial Engineering*, *159*. https://doi.org/10.1016/j.cie.2021.107475

Scott, M. J.; Verhagen, W. J. C.; Bieber, M. T.; Marzocca, P. (2022). A Systematic Literature Review of Predictive Maintenance for Defence Fixed-Wing Aircraft Sustainment and Operations. In *Sensors* (Vol. 22, Issue 18). MDPI. https://doi.org/10.3390/s22187070

Singh, R. R.; Bhatti, G.; Kalel, D.; Vairavasundaram, I.; Alsaif, F. (2023). Building a Digital Twin Powered Intelligent Predictive Maintenance System for Industrial AC Machines. *Machines*, *11*(8). https://doi.org/10.3390/machines11080796

Ton, B.; Basten, R.; Bolte, J.; Braaksma, J.; Di Bucchianico, A.; van de Calseyde, P.; Grooteman, F.; Heskes, T.; Jansen, N.; Teeuw, W.; Tinga, T.; Stoelinga, M. (2020). PrimaVera: Synergising predictive maintenance. *Applied Sciences (Switzerland)*, *10*(23), 1–19. https://doi.org/10.3390/app10238348

van Dinter, R.; Tekinerdogan, B.; Catal, C. (2022). Predictive maintenance using digital twins: A systematic literature review. In: *Information and Software Technology* (Vol. 151). Elsevier B.V. https://doi.org/10.1016/j.infsof.2022.107008

Wang, L.; Zhu, Z.; Zhao, X. (2024). Dynamic predictive maintenance strategy for system remaining useful life prediction via deep learning ensemble method. *Reliability Engineering and System Safety*, *245*. https://doi.org/10.1016/j.ress.2024.110012

Zhong, D.; Xia, Z.; Zhu, Y.; Duan, J. (2023). Overview of predictive maintenance based on digital twin technology. In: *Heliyon* (Vol. 9, Issue 4). Elsevier Ltd. https://doi.org/10.1016/j.heliyon.2023.e14534