

1. Raissi, M., Perdikaris, P., & Karniadakis, G. (2019). [Physics-informed neural networks: A deep learning framework for solving forward and inverse problems involving nonlinear partial differential equations](#). Journal of Computational Physics (Print), 378, 686–707. <https://doi.org/10.1016/j.jcp.2018.10.045>
2. Омарова, П., Amirgaliyev, Y., Kozbakova, A., & Ataniyazova, A. (2023). [Application of Physics-Informed Neural Networks to river silting Simulation](#). Applied Sciences, 13(21), 11983. <https://doi.org/10.3390/app132111983>
3. Ang, E. H., & Ng, B. F. (2022). [Physics-Informed neural networks for flow around airfoil](#). AIAA SCITECH 2022 Forum. <https://doi.org/10.2514/6.2022-0187>
4. Kashinath, K., Mustafa, M. E., Albert, A., Wu, J., Jiang, C., Esmaeilzadeh, S., Azizzadenesheli, K., Wang, R., Chattopadhyay, A., Singh, A., Manepalli, A., Chirila, D. B., Yu, R., Walters, R., White, B., Xiao, H., Tchelepi, H. A., Marcus, P., Anandkumar, A., . . . Prabhat. (2021). [Physics-informed machine learning: case studies for weather and climate modelling](#). Philosophical Transactions of the Royal Society A, 379(2194), 20200093. <https://doi.org/10.1098/rsta.2020.0093>
5. Van Herten, R. L. M., Chiribiri, A., Breeuwer, M., Veta, M., & Scannell, C. M. (2022). [Physics-informed neural networks for myocardial perfusion MRI quantification](#). Medical Image Analysis, 78, 102399. <https://doi.org/10.1016/j.media.2022.102399>
6. Hosseini, V. R., Mehrizi, A. A., Güngör, A., & Afrouzi, H. H. (2023). [Application of a physics-informed neural network to solve the steady-state Bratu equation arising from solid biofuel combustion theory](#). Fuel, 332, 125908. <https://doi.org/10.1016/j.fuel.2022.125908>
7. Russell, M., & Wang, P. (2022b). [Physics-informed deep learning for signal compression and reconstruction of big data in industrial condition monitoring](#). Mechanical Systems and Signal Processing, 168, 108709. <https://doi.org/10.1016/j.ymssp.2021.108709>