**Paper selection 8dm50**

<https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9093068> Citation: S. Roy et al., "Deep Learning for Classification and Localization of COVID-19 Markers in Point-of-Care Lung Ultrasound," in IEEE Transactions on Medical Imaging, vol. 39, no. 8, pp. 2676-2687, Aug. 2020, doi: 10.1109/TMI.2020.2994459.

<https://www.nature.com/articles/s41379-021-00955-y>   
Tokuyama, N., Saito, A., Muraoka, R. *et al.* Prediction of non-muscle invasive bladder cancer recurrence using machine learning of quantitative nuclear features. *Mod Pathol* **35**, 533–538 (2022). <https://doi.org/10.1038/s41379-021-00955-y>

<https://ieeexplore.ieee.org/abstract/document/9703518>

Sami, H., Sagheer, M., Riaz, K., Mehmood, M. Q., & Zubair, M. (2021). Machine Learning-Based Approaches for Breast Cancer Detection in Microwave Imaging. In *2021 IEEE USNC-URSI Radio Science Meeting (Joint with AP-S Symposium), USNC-URSI 2021 - Proceedings* (pp. 72–73). Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.23919/USNC-URSI51813.2021.9703518>

<https://ieeexplore.ieee.org/abstract/document/9418181>

Chowdhury, M. N. R., Ahmed, E., Siddik, M. A. D., & Zaman, A. U. (2021). Heart Disease Prognosis Using Machine Learning Classification Techniques. In *2021 6th International Conference for Convergence in Technology, I2CT 2021*. Institute of Electrical and Electronics Engineers Inc. <https://doi.org/10.1109/I2CT51068.2021.9418181>

<https://www.nature.com/articles/s41467-022-31535-6>

Kong, J. H., Ha, D., Lee, J., Kim, I., Park, M., Im, S. H., … Kim, S. (2022). Network-based machine learning approach to predict immunotherapy response in cancer patients. *Nature Communications*, *13*(1). <https://doi.org/10.1038/s41467-022-31535-6>

Deep Proximal Unfolding For Image Recovery from Under-Sampled Channel Data in Intravascular Ultrasound (Stefan)

Philips Research / Eindhoven University of Technology / The Weizmann Institute of Science

<https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9746195&casa_token=VSarZXYBHdkAAAAA:fymiWJZvm2_bx0btB8zbab2fRuQUyY3VI3mxSpAEaYJTUNXdo0w0RQPU-KoUFUKUvCCGTmX0WQ&tag=1>