

REFERENCES

- [1] World Health Organization, Pneumonia Factsheets, 2019.
- [2] Zar, Heather & Andronikou, Savvas & Nicol, Mark, "Advances in the diagnosis of pneumonia in children", in *BMJ Clinical Research*, 2017
- [3] Muder, Robert & Aghababian, Richard & Loeb, Mark & Solot, Jerald & Higbee, Martin, "Nursing home-acquired pneumonia: An emergency department treatment algorithm", in *Current Medical Research and Opinion*, 2004
- [4] Waterer, Grant & Kessler, Lori & Wunderink, Richard, "Delayed Administration of Antibiotics and Atypical Presentation in Community-Acquired Pneumonia", in *Chest*, 2006
- [5] Al-Hadidi, M. R. A., Dorgham, O., & Razouq, R. S., "Pneumonia Identification Using Self Organizing Map Algorithm", in *ARPN Journal*, 2016
- [6] Abiyev, R. H., & Ma'aitah, M. K. S., "Deep Convolutional Neural Networks for Chest Diseases Detection", in *Journal of Healthcare Engineering*, 2018
- [7] E. Ayan and H. M. Ünver, "Diagnosis of Pneumonia from Chest X-Ray Images Using Deep Learning", in *Scientific Meeting on Electrical-Electronics & Biomedical Engineering and Computer Science (EBBT)*, 2019
- [8] He, Kaiming; Zhang, Xiangyu; Ren, Shaoqing; Sun, Jian, "Deep Residual Learning for Image Recognition" in *IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2015
- [9] Ren, F., Cao, P., Li, W., Zhao, D., and Zaiane, O, "Ensemble based adaptive over-sampling method for imbalanced data learning in computer aided detection of Microaneurysm", in *Computerized Medical Imaging and Graphics : The Official Journal of the Computerized Medical Imaging Society*, 2016.
- [10] Jian, C., Gao, J., and Ao, Y, "A new sampling method for classifying imbalanced data based on SVM ensemble", in *Neurocomputing*, 2016.
- [11] Rajesh. N. and Ravindra, D, "Classification of imbalanced ECG beats using re-sampling techniques and AdaBoost ensemble classifier", in *Biomedical Signal Processing and Control*, 2018.
- [12] Rodriguez. J., Aritz. P, and Lozano. J., "Sensitivity Analysis of k-Fold Cross Validation in Prediction Error Estimation", in *EEE Transactions on Pattern Analysis and Machine Intelligence*, 2010
- [13] S. J. Lee, G. Koo, H. Choi and S. W. Kim, "Transfer learning of a deep convolutional neural network for localizing handwritten slab identification numbers," in *Fifteenth IAPR International Conference on Machine Vision Applications (MVA)*, 2017
- [14] Russakovsky, Olga & Deng, Jia & Su, Hao & Krause, Jonathan & Satheesh, Sanjeev & Ma, Sean & Huang, Zhiheng & Karpathy, Andrej & Khosla, Aditya & Bernstein, Michael & Berg, Alexander & Li, Fei Fei, "ImageNet Large Scale Visual Recognition Challenge", in *International Journal of Computer Vision*, 2014
- [15] Powers, David M W., "Evaluation: From Precision, Recall and F-Measure to ROC, Informedness, Markedness & Correlation" in *Journal of Machine Learning Technologies*, 2011