References :

[1] S. Thakur, Y. Goplani, S. Arora, R. Upadhyay, and G. Sharma, “Chest X-Ray Images Based Automated Detection of Pneumonia Using Transfer Learning and CNN,” *Adv. Intell. Syst. Comput.*, vol. 1164, pp. 329–335, 2021.

[2] R. E. Al Mamlook, S. Chen, and H. F. Bzizi, “Investigation of the performance of Machine Learning Classifiers for Pneumonia Detection in Chest X-ray Images,” *IEEE Int. Conf. Electro Inf. Technol.*, vol. 2020-July, pp. 98–104, Jul. 2020.

[3] G. Labhane, R. Pansare, S. Maheshwari, R. Tiwari, and A. Shukla, “Detection of Pediatric Pneumonia from Chest X-Ray Images using CNN and Transfer Learning,” *Proc. 3rd Int. Conf. Emerg. Technol. Comput. Eng. Mach. Learn. Internet Things, ICETCE 2020*, pp. 85–92, Feb. 2020.

[4] S. Karakanis and G. Leontidis, “Lightweight deep learning models for detecting COVID-19 from chest X-ray images,” *Comput. Biol. Med.*, vol. 130, p. 104181, Mar. 2021.

[5] M. Nath and C. Choudhury, “Automatic Detection of Pneumonia from Chest X-Rays Using Deep Learning,” *Commun. Comput. Inf. Sci.*, vol. 1240 CCIS, pp. 175–182, Jul. 2020.

[6] Y. Muhammad, M. D. Alshehri, W. M. Alenazy, T. Vinh Hoang, and R. Alturki, “Identification of Pneumonia Disease Applying an Intelligent Computational Framework Based on Deep Learning and Machine Learning Techniques,” *Mob. Inf. Syst.*, vol. 2021, 2021.

[7] H. Behzadi-khormouji *et al.*, “Deep learning, reusable and problem-based architectures for detection of consolidation on chest X-ray images,” *Comput. Methods Programs Biomed.*, vol. 185, p. 105162, Mar. 2020.

[8] R. Yi, L. Tang, Y. Tian, J. Liu, and Z. Wu, “Identification and classification of pneumonia disease using a deep learning-based intelligent computational framework,” *Neural Comput. Appl. 2021*, pp. 1–14, May 2021.

[9] M. A. Abbasa, S. U. K. Bukhari, S. K. A. Bokhari, and manal niazi, “The application of Hybrid deep learning Approach to evaluate chest ray images for the diagnosis of pneumonia in children,” *medRxiv*, p. 2020.12.03.20243550, Dec. 2020.

[10] I. Sirazitdinov, M. Kholiavchenko, T. Mustafaev, Y. Yixuan, R. Kuleev, and B. Ibragimov, “Deep neural network ensemble for pneumonia localization from a large-scale chest x-ray database,” *Comput. Electr. Eng.*, vol. 78, pp. 388–399, Sep. 2019.

[11] H. Ren *et al.*, “Interpretable Pneumonia Detection by Combining Deep Learning and Explainable Models with Multisource Data,” *IEEE Access*, vol. 9, pp. 95872–95883, 2021.

[12] V. Chouhan *et al.*, “A Novel Transfer Learning Based Approach for Pneumonia Detection in Chest X-ray Images,” *Appl. Sci. 2020, Vol. 10, Page 559*, vol. 10, no. 2, p. 559, Jan. 2020.

[13] A. Tilve, S. Nayak, S. Vernekar, D. Turi, P. R. Shetgaonkar, and S. Aswale, “Pneumonia Detection Using Deep Learning Approaches,” *Int. Conf. Emerg. Trends Inf. Technol. Eng. ic-ETITE 2020*, Feb. 2020.

[14] T. Rahman *et al.*, “Transfer Learning with Deep Convolutional Neural Network (CNN) for Pneumonia Detection Using Chest X-ray,” *Appl. Sci. 2020, Vol. 10, Page 3233*, vol. 10, no. 9, p. 3233, May 2020.

[15] A. K. Acharya and R. Satapathy, “A deep learning based approach towards the automatic diagnosis of pneumonia from chest radio-graphs,” *Biomed. Pharmacol. J.*, vol. 13, no. 1, pp. 449–455, 2020.

[16] C. J. Saul, D. Y. Urey, and C. D. Taktakoglu, “Early Diagnosis of Pneumonia with Deep Learning,” Apr. 2019.

[17] J. P. Cohen *et al.*, “Predicting COVID-19 Pneumonia Severity on Chest X-ray With Deep Learning,” *Cureus*, vol. 12, no. 7, Jul. 2020.

[18] S. R. Islam, S. P. Maity, A. K. Ray, and M. Mandal, “Automatic Detection of Pneumonia on Compressed Sensing Images using Deep Learning,” *2019 IEEE Can. Conf. Electr. Comput. Eng. CCECE 2019*, May 2019.

[19] R. Kundu, R. Das, Z. W. Geem, G.-T. Han, and R. Sarkar, “Pneumonia detection in chest X-ray images using an ensemble of deep learning models,” *PLoS One*, vol. 16, no. 9, p. e0256630, Sep. 2021.

[20] J. C. Y. Seah *et al.*, “Effect of a comprehensive deep-learning model on the accuracy of chest x-ray interpretation by radiologists: a retrospective, multireader multicase study,” *Lancet Digit. Heal.*, vol. 3, no. 8, pp. e496–e506, Aug. 2021.

[21] Y. Li, Z. Zhang, C. Dai, Q. Dong, and S. Badrigilan, “Accuracy of deep learning for automated detection of pneumonia using chest X-Ray images: A systematic review and meta-analysis,” *Comput. Biol. Med.*, vol. 123, p. 103898, Aug. 2020.

[22] T. Gabruseva, D. Poplavskiy, and A. Kalinin, “Deep Learning for Automatic Pneumonia Detection.” pp. 350–351, 2020.

[23] N. M. Elshennawy and D. M. Ibrahim, “Deep-Pneumonia Framework Using Deep Learning Models Based on Chest X-Ray Images,” *Diagnostics 2020, Vol. 10, Page 649*, vol. 10, no. 9, p. 649, Aug. 2020.

[24] A. U. Ibrahim, M. Ozsoz, S. Serte, F. Al-Turjman, and P. S. Yakoi, “Pneumonia Classification Using Deep Learning from Chest X-ray Images During COVID-19,” *Cogn. Comput. 2021*, vol. 1, pp. 1–13, Jan. 2021.

[25] E. Ayan and H. M. Ünver, “Diagnosis of pneumonia from chest X-ray images using deep learning,” *2019 Sci. Meet. Electr. Biomed. Eng. Comput. Sci. EBBT 2019*, Apr. 2019.

[26] O. Stephen, M. Sain, U. J. Maduh, and D. U. Jeong, “An Efficient Deep Learning Approach to Pneumonia Classification in Healthcare,” *J. Healthc. Eng.*, vol. 2019, 2019.