

- [3] Quazi, M. H., and S. G. Kahalekar, "Adaptive filtering in EEG signal for artifacts removal using learning algorithm", *Journal of Networking and Communication Systems*, vol. 2, no. 2, pp.1-9, 2019.
- [4] Gajdhane, Vijay A., and L. M. Deshpande, "Detection of lung cancer stages on CT scan images by using various image processing techniques", *IOSR Journal of Computer Engineering (IOSR-JCE)*, vol. 16, no. 5, pp. 28-35, 2014.
- [5] Jain, Supiksha, Sanjeev Indora, and Dinesh Kumar Atal, "Lung nodule segmentation using Salp Shuffled Shepherd Optimization Algorithm-based Generative Adversarial Network", *Computers in Biology and Medicine*, pp. 104811, 2021.
- [6] Baby, Yadhu Rajan, and Vinod Kumar Ramayyan Sumathy, "Kernel-based Bayesian clustering of computed tomography images for lung nodule segmentation", *IET Image Process*, vol. 14, no. 5, pp. 890-900, 2020.
- [7] Messay, Temesguen, Russell C. Hardie, and Steven K. Rogers, "A new computationally efficient CAD system for pulmonary nodule detection in CT imagery", *Medical image analysis*, vol. 14, no. 3, pp. 390-406, 2010.
- [8] Wu, Yi-Ta, Frank Y. Shih, Jiazheng Shi, and Yih-Tyng Wu, "A top-down region dividing approach for image segmentation", *Pattern recognition*, vol. 41, no. 6, pp.1948-1960, 2008.
- [9] Bellotti, Roberto, Francesco De Carlo, Gianfranco Gargano, Sabina Tangaro, Donato Cascio, Ezio Catanzariti, Piergiorgio Cerello, "A CAD system for nodule detection in low-dose lung CTs based on region growing and a new active contour model", *Medical Physics*, vol. 34, no. 12, pp. 4901-4910, 2007.
- [10] Hu, Zilong, Jinshan Tang, Ziming Wang, Kai Zhang, Ling Zhang, and Qingling Sun, "Deep learning for image-based cancer detection and diagnosis- A survey", *Pattern Recognition*, vol. 83, pp.134-149, 2018.
- [11] Halder, Amitava, Saptarshi Chatterjee, Debangshu Dey, Surajit Kole, and Sugata Munshi, "An adaptive morphology based segmentation technique for lung nodule detection in thoracic CT image", *Computer Methods and Programs in Biomedicine*, vol. 197, pp.105720, 2020.
- [12] Singadkar, Ganesh, Abhishek Mahajan, Meenakshi Thakur, and Sanjay Talbar, "Deep deconvolutional residual network based automatic lung nodule segmentation", *Journal of digital imaging*, vol. 33, no. 3, pp.678-684, 2020.
- [13] Wu, Zhitong, Qianjun Zhou, and Feng Wang, "Coarse-to-Fine Lung Nodule Segmentation in CT Images With Image Enhancement and Dual-Branch Network", *IEEE Access*, vol. 9, pp. 7255-7262, 2021.
- [14] Cao, Haichao, Hong Liu, Enmin Song, Chih-Cheng Hung, Guangzhi Ma, Xiangyang Xu, Renchao Jin, and Jianguo Lu, "Dual-branch residual network for lung nodule segmentation", *Applied Soft Computing*, vol. 86, pp. 105934, 2020.
- [15] Cao, Haichao, Hong Liu, Enmin Song, Chih-Cheng Hung, Guangzhi Ma, Xiangyang Xu, Renchao Jin, and Jianguo Lu, "Dual-branch residual network for lung nodule segmentation", *Applied Soft Computing*, vol. 86, pp. 105934, 2020.
- [16] Veronica, Benita KJ, "An effective neural network model for lung nodule detection in CT images with optimal fuzzy model", *Multimedia Tools and Applications*, pp.1-21, 2020.
- [17] Dutande Prasad, Ujjwal Baid, and Sanjay Talbar, "LNCDS: A 2D-3D cascaded CNN approach for lung nodule classification, detection and segmentation", *Biomedical Signal Processing and Control*, vol.67, pp. 102527, 2021.
- [18] Dutande Prasad, Ujjwal Baid, and Sanjay Talbar, "LNCDS: A 2D-3D cascaded CNN approach for lung nodule classification, detection and segmentation", *Biomedical Signal Processing and Control*, vol.67, pp. 102527, 2021.
- [19] Cao, H., Liu, H., Song, E., Ma, G., Xu, X., Jin, R., Liu, T. and Hung, C.C., "A two-stage convolutional neural networks for lung nodule detection", *IEEE journal of biomedical and health informatics*, vol.24, no.7, pp.2006-2015, 2020.
- [20] Xuechen Li, X., Shen, L., Xie, X., Huang, S., Xie, Z., Hong, X. and Yu, J., "Multi-resolution convolutional networks for chest X-ray radiograph based lung nodule detection", *Artificial intelligence in medicine*, vol. 03, pp.101744, 2020.
- [21] Ying Su, Li, D. and Chen, X., "Lung nodule detection based on faster R-CNN framework", *Computer Methods and Programs in Biomedicine*, vol.200, pp.105866, 2021.
- [22] Wu, Zhitong, Qianjun Zhou, and Feng Wang, "Coarse-to-Fine Lung Nodule Segmentation in CT Images With Image Enhancement and Dual-Branch Network", *IEEE Access*, vol. 9, pp. 7255-7262, 2021.
- [23] Xiaoyu Zhu, Xiaohua Wang, Yueting Shi, Shiwei Ren, and Weijiang Wang "Channel-Wise Attention Mechanism in the 3D Convolutional Network for Lung Nodule Detection" *Electronics* 11,1600, 17 May 2022.
- [24] Li, J., Lei, H., Alavi, A.H. and Wang, G.G, "Elephant herding optimization: variants, hybrids, and applications", *Mathematics*, vol.8, no. 9, pp.1415, 2020.
- [25] Shajin, F., Paulthurai Rajesh, and S. Thilaha, "Bald Eagle Search Optimization Algorithm for Cluster Head Selection with Prolong Lifetime in Wireless Sensor Network", *Journal of Soft Computing and Engineering Applications*, vol. 1, no. 1, 2020.
- [26] Chon, Albert, Niranjana Balachandar, and Peter Lu, "Deep convolutional neural networks for lung cancer detection", *Stanford University*, 2017.
- [27] S. G. Armato, III, G. McLennan, L. Bidaut, M. F. McNitt-Gray, C. R. Meyer, A. P. Reeves, B. Zhao, D. R. Aberle, C. I. Henschke, E. A. Hoffman, and E. A. Kazerooni, "The lung image database consortium (LIDC) and image database resource initiative (IDRI): A completed reference database of lung nodules on CT scans," *Med. Phys.*, vol. 38, no. 2, pp. 915_931, 2011.