2013.
[11] M. George and R. Zwiggelaar, “Comparative study on local binary patterns for mammographic density and risk scoring †,” *J. Imaging*, vol. 5, no. 2, 2019.
[12] Z. Guo, L. Zhang, and D. Zhang, “A Completed Modeling of Local Binary Pattern Operator for Texture Classification,” *IEEE Trans. Image Process.*, vol. 19, no. 6, pp. 1657–1663, 2010.
[13] V. T. Hoang, A. Porebski, N. Vandenbroucke, and D. Hamad, “LBP parameter tuning for texture analysis of lace images,” *IPAS 2016 - 2nd Int. Image Process. Appl. Syst. Conf.*, no. November, 2017.
[14] Z. Wang, R. Huang, W. Yang, and C. Sun, “An enhanced Local Ternary Patterns method for face recognition,” *Proc. 33rd Chinese Control Conf. CCC 2014*, vol. 0, no. 1, pp. 4636–4640, 2014.
[15] X. Tan and B. Triggs, “Recognition Under Difficult Lighting Conditions,” *IEEE Trans. image Process.*, vol. 19, no. 6, pp. 1635–1650, 2010.
[16] P. P. Kawathekar, “Osteoarthritis of knee joint,” pp. 1–4, 2015.
[17] D. Cherezov *et al.*, “Revealing Tumor Habitats from Texture Heterogeneity Analysis for Classification of Lung Cancer Malignancy and Aggressiveness,” *Sci. Rep.*, vol. 9, no. 1, pp. 1–9, 2019.
[18] S. Y. Jeong *et al.*, “ Prediction of Chemotherapy Response of Osteosarcoma Using Baseline 18 F-FDG Textural Features Machine Learning Approaches with PCA ,” *Contrast Media Mol. Imaging*, vol. 2019, pp. 1–7, 2019.
[19] M. A. Naveed *et al.*, “Grading of oligodendroglial tumors of the brain with apparent diffusion coefficient, magnetic resonance spectroscopy, and dynamic susceptibility contrast imaging,” *Neuroradiol. J.*, vol. 31, no. 4, pp. 379–385, 2018.
[20] S. Chinnam, V. Sistla, and V. Kolli, “SVM-PUK Kernel Based MRI-brain Tumor Identification Using Texture and Gabor Wavelets,” *Trait. du Signal*, vol. 36, no. 2, pp. 185–191, 2019.
[21] J. H. Park, Y. J. Bae, B. S. Choi, Y. H. Jung, and W. Jeong, “Texture Analysis of Multi-Shot Echo-planar Diffusion-Weighted Imaging in Head and Neck Squamous Cell Carcinoma : The Diagnostic Value for Nodal Metastasis,” pp. 1–14, 2019.
[22] H. J. Meyer, G. Hamerla, A. K. Höhn, and A. Surov, “CT texture analysis-correlations with histopathology parameters in head and neck squamous cell carcinomas,” *Front. Oncol.*, vol. 9, no. MAY, pp. 1–8, 2019.
[23] K. J. Lafata, Z. Zhou, J. G. Liu, J. Hong, C. R. Kelsey, and F. F. Yin, “An Exploratory Radiomics Approach to Quantifying Pulmonary Function in CT Images,” *Sci. Rep.*, vol. 9, no. 1, pp. 1–9, 2019.
[24] F. W. Feldhaus, D. C. Theilig, R.-H. Hubner, J.-M. Kuhnigk, K. Neumann, and F. Doellinger, “ Quantitative CT analysis in patients with pulmonary emphysema: is lung function influenced by concomitant unspecific pulmonary fibrosis? ,” *Int. J. Chron. Obstruct. Pulmon. Dis.*, vol. Volume 14, pp. 1583–1593, 2019.
[25] R. R. Wildeboer *et al.*, “Automated multiparametric localisation of prostate cancer based on B-mode , shear-wave elastography , and contrast-enhanced ultrasound radiomics,” 2019.
[26] M. Zhang *et al.*, “Diagnostic performance of multiparametric transrectal ultrasound in localised prostate cancer: A comparative study with magnetic resonance imaging,” *J. Ultrasound Med.*, vol. 38, no. 7, pp. 1823–1830, 2019.
[27] R. Cuocolo *et al.*, “Machine learning applications in prostate cancer magnetic resonance imaging,” *Eur. Radiol. Exp.*, vol. 3, no. 1, 2019.
[28] B. Badic *et al.*, “Radiogenomics-based cancer prognosis in colorectal cancer,” *Sci. Rep.*, vol. 9, no. 1, pp. 1–7, 2019.
[29] V. Nardone *et al.*, “Magnetic-resonance-imaging texture analysis predicts early progression in rectal cancer patients undergoing neoadjuvant chemoradiation,” *Gastroenterol. Res. Pract.*, vol. 2019, pp. 1–9, 2019.
[30] M. del C. V. Hernández *et al.*, “Application of texture analysis to study small vessel disease and blood-brain barrier integrity,” *Front. Neurol.*, vol. 8, no. JUL, 2017.
[31] N. Jahani *et al.*, “Prediction of Treatment Response to Neoadjuvant Chemotherapy for Breast Cancer via Early Changes in Tumor Heterogeneity Captured by DCE-MRI Registration,” *Sci. Rep.*, vol. 9, no. 1, pp. 1–12, 2019.
[32] R. D. Chitalia and D. Kontos, “Role of texture analysis in breast MRI as a cancer biomarker: A review,” *J. Magn. Reson. Imaging*, vol. 49, no. 4, pp. 927–938, 2019.
[33] C.-C. Chang, C.-J. Chen, W.-L. Hsu, S.-M. Chang, Y.-F. Huang, and Y.-C. Tyan, “Prognostic Significance of Metabolic Parameters and Textural Features on 18F-FDG PET/CT in Invasive Ductal Carcinoma of Breast,” *Sci. Rep.*, vol. 9, no. 1, pp. 1–11, 2019.
[34] L. Sannachi *et al.*, “Breast Cancer Treatment Response Monitoring Using Quantitative Ultrasound and Texture Analysis: Comparative Analysis of Analytical Models,” *Transl. Oncol.*, vol. 12, no. 10, pp. 1271–1281, 2019.
[35] M. A. M. Shukran, N. S. M. Ahmad, S. Ramli, and F. Rahmat, “Melanoma cancer diagnosis device using image processing techniques,” *Int. J. Recent Technol. Eng.*, vol. 7, no. 5, pp. 490–494, 2019.
[36] N. K. El Abbadi and Z. Faisal, “Detection and analysis of skin cancer from skin lesions,” *Int. J. Appl. Eng. Res.*, vol. 12, no. 19, pp. 9046–9052, 2017.
[37] E. Mohammed and M. E., “Classification of Dermoscopy Images for Early Detection of Skin Cancer – A Review,” *Int. J. Comput. Appl.*, vol. 178, no. 17, pp. 37–43, 2019.
[38] R. Sahoo and C. Sekhar, “Detection of Diabetic Retinopathy from Retinal Fundus Image using Wavelet based Image Segmentation,” *Int. J. Comput. Appl.*, vol. 182, no. 47, pp. 46–50, 2019.
[39] A. Imran, J. Li, Y. Pei, J.-J. Yang, and Q. Wang, “Comparative Analysis of Vessel Segmentation Techniques in Retinal Images,” *IEEE Access*, vol. 7, pp. 114862–114887, 2019.
[40] L. Yu *et al.*, “Prediction of pathologic stage in non-small cell lung cancer using machine learning algorithm based on CT image feature analysis,” *BMC Cancer*, vol. 19, no. 1, pp. 1–12, 2019.
[41] B. Owen, D. Gandara, K. Kelly, E. Moore, D. Shelton, and F. Knollmann, “CT volumetry and basic texture analysis as surrogate markers in advanced non-small cell lung cancer,” *Clin. Lung Cancer*, 2019.
[42] T. Ojala, M. Pietikäinen, and D. Harwood, “A comparative study of texture measures with classification based on feature distributions,” *Pattern Recognit.*, vol. 29, no. 1, pp. 51–59, 1996.
[43] R. Mehta and K. Egiazarian, “Rotated Local Binary Pattern (RLBP): Rotation invariant texture descriptor,” *ICPRAM 2013 - Proc. 2nd Int. Conf. Pattern Recognit. Appl. Methods*, pp. 497–502, 2013.
[44] R. Mehta and K. Egiazarian, “Dominant Rotated Local Binary Patterns (DRLBP) for texture classification,” *Pattern Recognit. Lett.*, vol. 71, pp. 16–22, 2016.
[45] Y. Guo, G. Zhao, and M. Pietikäinen, “Texture classification using a linear configuration model based descriptor,” *BMVC 2011 - Proc. Br. Mach. Vis. Conf. 2011*, pp. 1–10, 2011.
[46] M. Hall, “Correlation-based Feature Selection for Machine Learning,” *Methodology*, vol. 21i195-i20, no. April, pp. 1–5, 1999.
[47] M. Lewandowski, D. Makris, and J. C. Nebel, “Automatic configuration of spectral dimensionality reduction methods,” *Pattern Recognit. Lett.*, vol. 31, no. 12, pp. 1720–1727, 2010.
[48] K. Pearson, “and the Chi-squared Test,” vol. 51, no. 1, pp. 59–72, 2014.
[49] D. Roobaert, G. Karakoulas, and N. V Chawla, “Information Gain , Correlation and Support Vector Machines,” *Featur. Extr. Found. Appl.*, vol. 470, no. 2006, pp. 463–470, 2006.
[50] S. Lei, “A Feature Selection Method Based on Information Gain and Genetic Algorithm,” *2012 Int. Conf. Comput. Sci. Electron. Eng.*, pp. 355–358, 2012.
[51] J. Han, M. Kamber, and J. Pei, *Data Mining: Concepts and Techniques*. 2012.
[52] K. Kira and L. Rendell, “A practical approach to feature selection,” *Proceedings of the Ninth International Conference on Machine Learning*. pp. 249–256, 1994.
[53] J. R. Quinlan, “Induction of Decision Trees,” *Mach. Learn.*, vol. 1, no. 1, pp. 81–106, 1986.
[54] G. I. Webb, J. R. Boughton, and Z. Wang, “Not so naive Bayes: Aggregating one-dependence estimators,” *Mach. Learn.*, vol. 58, no. 1, pp. 5–24, 2005.
[55] N. Friedman, K. Murphy, and S. Russell, “Learning the structure of dynamic probabilistic networks,” *Proc. Fourteenth* , 1998.
[56] D. Lowd and P. Domingos, “Naive Bayes models for probability estimation,” *ICML 2005 - Proc. 22nd Int. Conf. Mach. Learn.*, no. May, pp. 529–536, 2005.
[57] C. Cortes and V. Vapnik, “Support-Vector Networks,” *Mach. Learn.*, vol. 20, no. 3, pp. 273–297, 1995.
[58] K. A. Lorenz, “Modeling Binary Correlated Responses using,” pp. 17–24, 2015.
[59] J. C. Platt, “Sequential Minimal Optimization: A Fast Algorithm for Training Support Vector Machines,” *Adv. kernel methods*, pp. 185–208, 1998.
[60] H. J. Kelley, “Gradient Theory of Optimal Flight Paths,” *ARS J.*, vol. 30, no. 10, pp. 947–954, 1960.