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- [6] Y. Palapol, S. Ketsa, D. Stevenson, J. Cooney, A. C. Allan, and I. B. Ferguson, "Colour development and quality of mangosteen (*Garcinia mangostana* L.) fruit during ripening and after harvest," *Postharvest Biol. Technol.*, vol. 51, no.3, pp. 349-353, 2009.
- [7] E. Guzmán, V. Baeten, J. A. F. Piern, and J. A. García-Mesa, "Determination of the olive maturity index of intact fruits using image analysis," *J. Food Sci. Technol.*, vol. 52, no. 3, pp. 1462-1470, 2015.
- [8] P. D. Surya and K. J. Satheesh, "Assessment of banana fruit maturity by image processing technique," *J. Food Sci. Technol.*, vol. 52, no. 3, pp. 1316-1327, 2015.
- [9] R. Pourdarbani, H. R. Ghassemzadeh, H. Seyedarabi, F. Z. Nahandi, and M. M. Vahed, "Study on an automatic sorting system for date fruits," *J. Saudi. Soc. Agric. Sci.*, vol. 14, pp. 83-90, 2015.
- [10] C. S. Nandi, B. Tudu and C. Koley, "A machine vision technique for grading of harvested mangoes based on maturity and quality," *IEEE Sens. J.* vol. 16, pp. 6387-6396, 2016.
- [11] H. Kaur, B. Sawhney and D. Jawandha, "Evaluation of plum fruit maturity by image processing techniques," *J. Food Sci. Technol.*, vol. 55, no. 8, pp. 3008-3015, 2018.
- [12] L. Magwaza L and S. Tesfay, "A Review of Destructive and Non-destructive Methods for Determining Avocado Fruit Maturity," *Food Bioproc. Tech.*, vol. 8, no. 10, pp.1995-2011, 2015.
- [13] T. Chuenatsadongkot and K. Treemnuak, "Evaluation of "Monthong" durian maturity using color value from image analysis," *Thai Soc. Agric. Eng. J.*, vol. 24, no. 2, pp.38-47, 2018.
- [14] C. Piotr, O. Ireneusz and F. Paweł, "Sweet Cherry Skin Colour Measurement as a Non-Destructive Indicator of Fruit Maturity," *Acta Universitatis Cibiniensis. Series E: Food Technol.*, vol. 23, no. 2, pp. 157-166, 2019.
- [15] W. M. Aizat, F. H. Ahmad-Hashim and S. N. Syed Jaafar, "Valorization of mangosteen, "The Queen of Fruits," and new advances in postharvest and in food and engineering applications: A review," *J. Adv. Res.*, vol. 20, pp. 61-70, 2019.
- [16] I. A. Mohtar, N. S. S. Ramli and Z. Ahmad Z, "Automatic Classification of Mangosteen Ripening Stages using Deep Learning," in *Proc. Artificial Intelligence and Data Sciences (AiDAS)*, 2019, p. 44-47 doi: 10.1109/AiDAS47888.2019.8970933.
- [17] Sandra, "Mage processing application for mangosteen grading with non destructive method," *J. Appl. Sci. Res.*, vol. 7, no. 12, pp. 1890-1894, 2011.
- [18] I. Prabasari, "Comparison of destructive and non destructive method in maturity index of Garcia mangostana," *Planta Tropika: J. Agro Sci.*, vol. 6, no. 2, pp. 100-105, 2018.
- [19] S. Riyadi, A. Zuhri, T. Hariadi, I. Prabasari, and N. A. Utama, "Optimized estimation of mangosteen maturity stage using svm and color features combination approach," *Int. J. Appl. Eng. Res.*, vol. 12, pp. 15034-15038, 2017.
- [20] R. C. Gonzalez and R. E. Woods, *Digital image processing*, 3rd edn. Pearson Education, Upper Saddle River, 2008.
- [21] M.A. Mustafa, A. Ali, G. Seymour, and G. Tucker, "Delayed pericarp hardening of cold stored mangosteen (*Garcinia mangostana* L.) upon pre-treatment with the stress hormones methyl jasmonate and salicylic acid", *Sci. Hortic.*, vol. 230, pp. 107-116, 2018.
- [22] N. Kusumawati, A.B. Santoso, M.M. Sianita, and S. Muslim, "Extraction, Characterization, and Application of Natural Dyes from the Fresh Mangosteen (*Garcinia mangostana* L.) Peel," *IJASEIT*, vol. 7, pp. 878-884, 2017.
- [23] M. J. A. Syah, E. Mansyah, Affandi, T. Purnama, and D. Fatria, "The control of yellow latex in mangosteen fruit through irrigation and fertilizer application," *Acta Hortic.*, vol. 975, pp. 449-454, 2013.
- [24] "Mangosteen - Thai Chi Export", *Thai Chi Export*. 2020. [Online]. Available: <http://www.thaichiexport.com/mangosteen-2/>. [Accessed: 10-Aug-2020].