

## DAFTAR PUSTAKA

- Abu-Zahra, T., Al-Ismail, K., Shatat, F., 2012. Effect of Organic and Conventional Systems on Fruit Quality of Strawberry (*Fragaria X Ananassa* Duch) Grown Under Plastichouse Conditions in the Jordan Valley. *Acta horticulturae*, 741, 159-172
- Ade, 2009. *Image processing*. Terdapat di :  
<http://ndoware.com/imageprocessing.html>.
- Ali, A. M. Abrar, M. T. Sultan, A. Din dan B. Niaz., 2011. Post-Harvest Physicochemical Changes In Full Ripe Strawberries During Cold Storage. *The Journal of Animal & Plant Sciences*, 21(1): 2011, Page: 38-41 ISSN: 1018-7081
- Anonim 1., 2019. Top Producing Countries of Strawberry. Terdapat di:  
<https://www.tridge.com/intelligences/stawberry/production>
- Anonim 2., 2019. Fruit, Edible: Strawberries, Fresh Import by Country in 2019. Terdapat di:  
<https://wits.worldbank.org/trade/comtrade/en/country/ALL/year/2019/tradeflow/Imports/partner/WLD/product/081010#>
- Anonim 3., 2017. Panen Stoberi di Halaman. Terdapat di:  
<http://balitjestro.litbang.pertanian.go.id/panenstroberi-di-halaman/>.
- Anonim 4., 2018. *Statistik Tanaman Buah-buahan dan Sayuran Tahunan*. Indonesia: Badan pusat statistika
- Andono, Pulung Nurtantio, T. Sutojo, dan Muljono., 2017. *Pengolahan Citra Digital*. Yogyakarta: Penerbit Andi.
- Azam, M., Ejaz, S., Rehman, R, N, U., Khan, M., Rashad,Q., 2018. Postharvest Quality Management of Strawberries. *Strawberry Pre- and Post-Harvest Management Techniques for higher Fruit Quality*. DOI: 10.5772/intechopen.82341
- Bruumell, D.A. dan Harpster, M.H., 2001. Cell Wall Metabolism in Fruit Softening and Quality and Its Manipulation in Transgenic Plants. *Plant Mol Biol*. 47:311-340
- Budiman dan Saraswati., 2006. *Berkebun Stroberi Secara Komersial*. Jakarta: Penebar Swadaya

- Capizzi, G., Sciuto, G. Lo, Napoli, C., Tramontana, E. Dan Wozniak, M., 2015. Automatic Classification of Fruit Defects based on Co-Occurrence Matrix and Neural Networks. *Federated Conference on Computer Science and Information Systems*, Volume 5, p. 861–867
- Dongoran, S., 2018. *Deteksi Mutu Bakpia Menggunakan Pengolahan Citra Digital dan Jaringan Saraf Tiruan*. Yogyakarta: Universitas Gadjah Mada.
- Falah, M.A.F., Putri Y., Risma H., Pujo S., dan Jumeri., 2018. Kualitas Buah Stroberi (*fragaria* sp ec *Holibert*) Segar dan Penyimpanannya Dalam Lingkungan Tropis Dari Kebun Ketep Magelang Jawa Tengah. *Jurnal Agroindustri* (2018).
- Giampieri, F., Tulipani, S., Alvarez-Suarez, J., Quiles, J., Mezzetti, B., Battino, M., 2011. The strawberry: Composition, nutritional quality, and impact on human health. *Nutrition* 28 (2012) 9–19. Elsevier
- Hanif, Z dan H. Husna., 2017. Pengujian Tekstur, Warna, dan Vitamin C buah Stroberi. *litbang*. Terdapat di :  
<http://balitjestro.litbang.pertanian.go.id/pengujian-tektur-warna-dan-vitamin-c-buah-stroberi/>.
- Harahap, L.H., Saipul.B.D., dan Delima. L.S.N., 2018. Identifikasi Kematangan Buah Stroberi (*Fragaria x vesca* L.) Dengan Teknik Jaringan Saraf Tiruan. *Jurnal Rekayasa Pangan dan Pertanian*, Vol.6 No.3 Tahun 2018.
- Haralick, R.M., I. Dinstein., dan K. Shanmugam., 1973. Textural features for images classification. *IEE Trans. Syst. Manufact. Cybernet.* SMC 3 (6), 610 – 621.
- Hermawan, Arief., 2006. *Jaringan Saraf Tiruan, Teori dan Aplikasi*. Yogyakarta: Penerbit ANDI
- Iqbal, Muhammad., 2009. *Dasar Pengolahan Citra Menggunakan MATLAB*. Bogor: Marine Instrument and Telemetry, Departemen Ilmu dan Teknologi Kelautan, Fakultas Perikanan dan Ilmu Kelautan, Institut Pertanian Bogor
- Iriyanto, S, Y., dan T, M, Zaini., 2014. *Pengolahan Citra Digital*. Bandar Lampung: Anugrah Ulama Raharja (AURA)

- Ismail, N.A., dan Abu bakar, M.F., 2018. Salak—*Salacca zalacc*. *Exotic Fruits*, hal.383-390.
- Jana, S., dan Ranjan, P., 2016. Intra-class Recognition of Fruits using Color and Texture Feature with Neural Classifiers. *International Journal of Computer Applications*. Volume 148 - No.11
- Kartasapoetra, A.G., 1994. *Teknologi Penanganan Pasca Panen*. Jakarta: PT Rineka Cipta.
- Khuriyati, N., Agung Putra. P., dan A.A.P., 2019. The Sorting and Grading of Red Chili Peppers (*Capsicum annuum* L.) Using Digital Image Processing .SSRG-IJAES. 6(4), hal. 17-23
- Kusumanto, Rd., Tompunu, A., dan Pambudi, W., 2011. Klasifikasi Warna Menggunakan Pengolahan Model Warna HSV. *Prosiding Seminar Nasional Teknik Eelektro 2011* Volume: VOL. 2, NO. 2, SEPTEMBER 2011: 83-87. Jakarta
- Kusumadewi, Sri., 2004. *Membangun Jaringan Saraf Tiruan Menggunakan Matlab & Excel Link*. Yogyakarta: Penerbit Graha Ilmu
- Leon, K., D. Mery, F. Pedreschi, J. Leon., 2006. Quality measurement in L\*a\*b\* units from RGB digital images. *Food Research Internasional* 39 (2006) 1084-1091

2012. Particulate matter characterization by gray level cooccurrence matrix based support vector machines. *Journal of Hazardous Materials*, 223-224, hal.94 – 103.
- Mundokar, N., Pratiksha, K., Minal, B., Shalaka, K., Yogesh, T., 2017. Fruit Disease Detection Using Color Analysis and ANN with E-Nose. *Imperial Journal of interdisciplinary Research (RUI)* Vol-3
- Murni, A., 1992. *Pengantar Pengolahan Citra Digital*. Jakarta: PT Elex Media Komputindo Kelompok Gramedia
- Naik, Sapan dan B. Patel., 2017. Machine Vision based Fruit Classification and Grading - A Review. *International Journal of Computer Applications* (0975 – 8887) Volume 170 – No.9, July 2017
- Negnevitsky, Michael., 2005. *Artificial Intelligence: A guide to Intelligent System, Second Edition*. Australia: Addison Wesley
- Palupi, Norry Eka dan Ahmad Syahrian Siregar. 2016. Profil Perbedaan Periode Pembungaan Pada Beberapa Varietas Stroberi (*Fragaria X Ananassa*) Hasil Kultur Meristem Profile On Flowering Period Differences Of Several Strawberries Varieties (*Fragaria X Ananassa*) Derived From Meristem Culture. *prosiding Seminar Nasional Tahun 2016*. Universitas Muhammadiyah Malang
- Pamungkas, Adi. 2016. *Segemntasi Warna*. Terdapat di :  
<https://pemrogramanmatlab.com/pengolahan-citra-digital/segmentasi-citra/segmentasi-warna/>.
- Prasetyo, E., 2011. *Pengolahan Citra Digital dan Aplikasinya Menggunakan Matlab*. Yogyakarta: ANDI.
- Pratt, Scott., 1998. *Pumplin's Lecture Notes for Physics 232 (Spring 2000)*. Terdapat di:  
<https://web.pa.msu.edu/courses/2000fall/phy232/lectures/emwaves/visible.html>.
- Puspitaningrum, Diah., 2006. *Pengantar Jaringan Saraf Tiruan*. Yogyakarta: penerbit ANDI
- Rahardi, F., 2003. *Cerdas Beragrobisnis: Mengubah Rintangan Menjadi Peluang Berinvestasi*. Depok: Penerbit PT Agromedia Pustaka
- Rahman, M., Moniruzzaman, M., Ahmad, M., Sarker, B.C., Alam, M., 2014. Maturity stages affect the postharvest quality and shelf-life of strawberry genotypes growing in subtropical regions. *Journal of the Saudi Society of Agricultural Sciences*. 13. 10.1016
- Rukmana, R. 1998., *Stroberi, Budidaya dan Pasca Panen*. Yogyakarta: Kanisius

(*Fragaria X Ananassa* Cv. *Kellybright*) Menggunakan *Machine Vision*. Yogyakarta:  
Universitas Gadjah Mada.

- Saleh, E. R., Erliza N., Taufik D., dan Irzaman. 2013. Prediksi Masa Kadaluwarsa Wafer dengan Artificial Neural Network (ANN) Berdasarkan Parameter Nilai Kapasitansi. *Jurnal Agritech* VOL. 22, No.4
- Sarwono, 2006., *Metode Penelitian Kuantitatif dan Kualitatif*. Yogyakarta: Graha Ilmu
- Schwab, W., dan Raab, T., 2007. Developmental Changes During Strawberry Fruit Ripening and Physico-Chemical Changes During Postharvest Storage. *Production Practices and Quality Assessment of Food Crops: Quality Handling and Evaluation* 341-369.
- Smith, Scott T., 2006. *MATLAB Advance GUI Development*. Dog Ear Publishing: USA
- Strand, L. L., 2008. *Manajemen hama terpadu untuk Starwberry*. Publikasi Pertanian dan Sumber Daya Alam 3351.
- Sugiarttha., I.G.R Agung., 2016. *Ekstraksi Warna, Tekstur dan Bentuk untuk Image Retrieval*. *Seminar Nasional Teknologi Informasi dan Multimedia* 2016.
- Susanto, A., 2010. Uji Korelasi Kadar Air, Kadar Abu, Water activity dan Bahan Organik pada Jagung di Tingkat Petani, Pedagang pengumpul dan Pedagang Besar. *Seminar Nasional Teknologi Peternakan dan Veteriner*. Hal 835.
- Symons, G. M., Chua, Y. J., Ross, J. J., Quittenden, L. J., Davies, N. W., Reid, J. B., 2012. Hormonal changes during non-climacteric ripening in strawberry. *Journal of experimental botany*, 63(13), 4741–4750.
- Narendra, V, G., dan S., Hareesha., 2010. Prospects of Computer Vision Automated Grading and Sorting Systems in Agricultural and Food Products for Quality Evaluation. *International Journal of Computer Applications*. 1. 10.5120/111-226.
- Wibawanto, H., Susanto, A., Widodo, T., S, Tjokronegoro., 2008. Identifikasi Citra Massa Kistik Berdasar Fitur Gray-Level Co-Occurrence Matrix. *Jurnal Seminar Nasional Teknologi Informasi* 2008