

## DAFTAR PUSTAKA

- Anna Poedjiadi, 1994. Dasar-Dasar Biokimia. UI Press. Jakarta.
- Atkins, P. W. 1997. Kimia Fisika 2. Erlangga. Jakarta.
- AOAC. (2000) Official methods of analysis of AOAC. *International 17th edition; Gaithersburg, MD, USA Association of Analytical Communities.*
- Baeza-Rita, 2007, *Comparison of Technologies to Control the Physiological, Biochemical and Nutritional Changes of potong segar Fruit*, <http://krex.kstate.edu>.
- Blackweel, Wiley, 2012, *Food Biochemistry and Food Processing*, 2nd (ed), New York.
- Burda, S., dan W. Oleszek. 2001. Antioxidant and Antiradical Activities of Flavonoids. *J. Agric.*
- Christinetal. 2007. teknologi Produksi dan aplikasi pengemasan Edible antimikroba berbasis Pati. Balai Besar Penelitian dan Pengembangan Pasca Panen Pertanian. Bogor.
- Ernawati 2012. Pengaruh Suhu Dan Lama Perendaman Blansir Terhadap Mutu Selada Kepala (*Lactuca Sativa L*) Terolah Minimal Selama Penyimpanan. Fakultas Teknologi Pertanian .Institut Pertanian Bogor. Bogor.
- Examine, com, 2015, *Arginine*, <Http://Examine, Com/Suplements/Arginine/>, Accessed 09 Februari 2018.
- Estien. 2005. *Kimia Fisika Untuk Paramedis*. Yogyakarta.
- Folin and ciocalteu ,1944. Metode Folin Ciocalteu. <https://edhisambada.wordpress.com/2011/02/18/metode-folin-ciocalteu/>. Di akses 11 januari 2018.
- Food Chem. 49: 2774-2779 Bambang Soelarso, 1997, *Budidaya Apel*, Yogyakarta : KANISIUS.
- Frazier And Westhoff. 1979 *Food Microbiologi*. Tata Mc Graw-Hill Publishing Company Ltd. New Delhi.

- Green III, F. Clausen, C. A., Highley, T. L. 1989. Adaptation of the Nelson-Somogyi Reducing sugar Assay to a Microassay Using Microtiter Plates. *J. Anal. Biochem.* 182, 197-199.
- Hastarini, E, , I, Rosulva , dan Y, Haryadi, 2014, *Karakteristik Udang Kupas Vannamei Dengan Penambahan Edible Coating Berbahan Kitosan Dan Ekstrak Lindur (Bruguiera gymnorrhiza) Selama Penyimpanan*, JPB Perikanan XI (2): 175-184.
- Huang H, et al. (2008) The crystal structure and identification of NQM1/YGR043C, a transaldolase from *Saccharomyces cerevisiae*. *Proteins* 73(4):1076-8.
- Hutchings, J.B. 1999. *Food Color And Appearance. 2nd (Ed.)*. Aspen Publ.
- Jannah, Siti R, 2016, Pengaruh Konsentrasi Dan Macam *Essential Oil Citrus* Sebagai Antibakteri Terhadap Mutu Buah Melon Potong Segar (*Cucumis melo L.*), Skripsi Fakultas Pertanian UMY, Yogyakarta.
- Jones DH (1984) *Phenylalanine ammonia-lyase-regulation of its induction, and its role in plant development. Phytochemistry* 23:1349–1359.
- Kartasapoetra .1994. *Teknologi Penyuluhan Pertanian*. BumiAksara. Jakarta
- Khadambi,2007,*Extraction of Phenolic Compound and Quantification of the Total Phenol and Condensed Tannin Content of Brand Fraction of Condensed Tannin an Condensed Tannin Free Sorghum Varieties*,<http://upetd.up.ac.za/thesis>,24 Mei 2017.
- Koesmartaviani, 2015, Peningkatan Kualitas Dan Umur Simpan Kentang (*Solanum tuberosum L.*) Kupas Dengan Pemberian *Edible Coating* Dari Pektin Kulit Buah Kakao (*Theobroma cacao L.*), Naskah Publikasi, Universitas Atma Jaya Yogyakarta.
- Krochta, J, M., A,B, Elisabeth, O,N,C, Myrna, 1994,*Edible Coating and Film to Improve Food Quality, Technomic Publ, Co, Inc, Pemsylvania, USA.*
- Kusnandar F, 2010,*Kimia Pangan komponen makro*,Jakarta (ID): PT, Dian Rakyat.
- Kusumo, S, 1986, *Apel (Malus sylvestris Mill)*, CV, Yasaguna, Jakarta.
- Leiting, V.A. dan Wicker, L. (1997). Inorganic cations and polyamines moderate pectinesterase activity. *Journal of Food Science* 62: 253-255, 275.

- Leshem, YY, Haramaty, E., 1996, *The Harcterization And Contrasting Effect Of The Nutric Oxide Free Radical In Vegetative Strees And Senescence Of Pisum Sativum Linn, Foliagea, J, Plant Physio*, 1, 148, 258-263.
- Mantila, N V, 2012, *Development Of An Alginate-Based Antimicrobial Edible Coating To Extend The Shelf-Life Of potong segar Pineapple*, Thesis *Food Science & Technology : Texas*.
- Marshall, M,R., Kim, J., dan Wei, C-I, 2000, *Enzymatic Browning in Fruits, Vegetables, and Seafoods*, *www,fao,org* , Diakses tanggal 10 Mei 2017.
- Martinez-Romero, Serrano, M., Carbonell, A., Burgos, L., Riquelme, F. dan Valero, D. (2002). *Effect of postharvest putrecine treatment on extendeng shelf life and reducing mechanical damage in Apricot*. *Journal of Food Science* 67: 1706-1711.
- Minolta, K., 2007. *Precise Color Comunication : Color Control For Perception To Instrumentation*, Japan: Konica Minolta.
- Murdijanti dan Yuliana. 2014. *Fisiologi Pasca Panen Buah Dan Sayur*. Gadjah Mada University Press. Yogyakarta. Hal; 7-167.
- Netty Kamal, 2014, *Pengaruh Bahan Aditif Cmc (Carboxyl Methyl Cellulose) Terhadap Beberapa Parameter Pada Larutan Sukrosa*, <http://lib,itenas,ac,id/kti/wp-content/uploads/2014/04/JURNAL-Netty-Kamal-ED-17.pdf>, Diakses 9 Mei 2017.
- Nelson, N., 1944. *A. Photometric Adaptation Of The Smogyi Method For The Determination Of Glucose*. *Journal Boil. Chem*, 153(2), 375-379. Dalam jurnal; [http://ejournal.USD.ac.id/index.php/JFSK/article/download/191/191\\_Al-kayyis](http://ejournal.USD.ac.id/index.php/JFSK/article/download/191/191_Al-kayyis). Diakses 15 april 2018.
- Nguyen-the C, Carlin F (1994) *The Microbiology Of Minimally Processed Fresh Fruits And Vegetables*, *Crit Rev Food Sci Nutr* 34: 371-401.
- Novita, M., Satriana, Martunis, Rohaya, S. dan Hasmarita, E. 2012. Pengaruh pelapisan kitosan terhadap sifat fisik dan kimia tomat segar (*Lycopersicum pyriforme*) pada berbagai tiingkat kematangan. *Jurnal Teknologi dan Industri Pertanian*. 4(3) : 1-8.
- Nur dan Astawan 2011. Nur A.M. dan Astawan, M. 2011. Kapasitas Antioksidan Bawang Dayak (*Eleutherine palmifolia*) Dalam Bentuk Segar, Simplisia dan Keripik, Pada Pelarut Nonpolar, Semipolar dan Polar. *Skripsi*. Bogor: Institut Pertanian Bogor.

- Oktarina Husaini, 1317021059 (2017) *Anti-Browning Material Characterization Of The Water Extract Of Guava Fruit (Psidium guajava L.) In Malang Apples (Malus Sylvestris L. Mill.)*. Fakultas Matematika Dan Ilmu Pengetahuan Alam, Universitas Lampung.
- Pambudi, J. 2004. Potensi Teh sebagai Sumber Zat Gizi dan Perannya dalam Kesehatan.[http://www.ipard.com/art\\_perkebun/Jul0406\\_jp](http://www.ipard.com/art_perkebun/Jul0406_jp).Diakses 5 april 2018.
- Pantastico,1986. *Postharvest Physiology, Handling and Utilization of tropical and Sub-Tropical Fruit and Vegetables*. The AVI Publishing Co. Inc,Westporft, Conectiutut.
- Pantastico,E.R.B.1989.Fisiologi PascaPanen.Terjemahan.Kamariyani.Gajah Mada University Press.Yogyakarta.
- Perera, C,O, 2007,*Minimal Processing of Fruits and Vegetables,Di dalam :* Rahman, M, S, (Ed), *Handbook of Food Preservation*, 2nd Ed, CRC Press, New York, p, 137-150.
- Pourmorad, F., Hossenimehr, S.J., Shahabimajd, N. 2006. *Antioxidant activity, phenol and flavonoid contents of some selected Iranian medicinal plants*. African Journal of Biotechnology. 5(11):1142-1145.
- Purwiyanto dan Nur.2015.dasar-dasar penanganan pasca panen buah dan sayur. Penerbit Alfabeta.Bandung.
- Rahmawati.2009. Kandungan Phenol Total Ekstrak Buah Mengkudu (*Morinda Citrifolia*). Skripsi, Fakultas Kedokteran, Universitas Indonesia,Jakarta.
- Rosa M, Raybaudi-Massilia, Jonathan Mosqueda-Melgar, and Olga Martin-Belloso, 2007,*Edible Alginate-Based Coating As Carrier Of Antimicrobials To Improve Shelf-Life And Safety Of potong segarNaga*,International Journal Of Food Microbiology , 121 : 313–327.
- Septiana, 2009,*Formulasi dan Aplikasi Edible Coating Berbasis Pati Sagu dengan Penambahan Minyak Sereh pada Paprika (Capsicum annum var athena)*, Jurnal Peneitian IPB, Tidak Diterbitkan.
- Siedow JN, Day DA. Respiration and photorespiration. In: Buchanan B, Gruissem W, Jones R, editors. *Biochemistry and Molecular Biology of Plants*. Rockville, MD: American Society of Plant Physiologists; 2000. pp. 676–728.
- Sunarjono, H, 2005, *Berkebun 21 Jenis Tanaman Buah*, Penebar Swadaya, Jakarta.

- SUSENAS, BPS, 2014, Perkembangan Konsumsi Rumah Tangga per Kapita di Indonesia, [www.bps.go.id](http://www.bps.go.id), Diakses tanggal 10 Mei 2017.
- Syamsir E, Taqi FM, Kusnandar F, Adawiyah DR, Suyatma NE, Herawati D, Hunaefi D, Budi FS, Muhandri T, 2011, *Penuntun Praktikum Teknologi Pengolahan Pangan*, Bogor (ID): Departemen Ilmu dan Teknologi Pangan, Fakultas Teknologi Pertanian, Institut Pertanian Bogor.
- Taiz, L. and E. Zeiger. 2002. *Plant Physiology*. 3rd Edition. Sinauer Associates. Sunderland. pp.116-119.
- Tietle Z., Lewinshn, E., Fallik, E., & Porat, R. 2011. Elucidating the Roles Of Ethanol Fermentation Metabolism In Causing Off-Flavors In Mandarins. *Journal of Agriculture and food Chemistry*, 59, 11779-11785.
- Valero, D. (1998). *Influence Of Postharvest Treatment With Putrecine And Calcium On Endogenous Polyamines, Firmness, And Abscisic Acid In Lemon (Citrus Lemon, L. Burm Cv. Verna)*. *Journal Of Agriculture And Food Chemistry* 46: 2102-2109.
- Vegetalika, 2014. Pengaruh Kadar  $\text{CaCl}_2$  Terhadap Pematangan dan Umur Simpan Buah Sawo (*Manilkara zapota L.*) (van Royen). *Vegetalika* Vol.3 No.4, 2014 : 52 – 62.
- Willis. 2016. *Examine.com*. argininen <http://examine.com/supplements/Arginine/>. Diakses 09 mei 2018.
- Wills, R.B.H., 2015. Potential Of Nitric Oxide As A Postharvest Technology. In: *Wills, R. B.H., Golding, J. (Eds.), Advances In Postharvest Fruit And Vegetable Technology*. CRC Press, Boca Raton, FL, pp. 191–210.
- Wills, R.B.H., Lee, T.H., Graham, D. McGlasson, W.B. dan Hall, E.G. (1981). *Postharvest an Introduction to the Physiology and Handling of Fruit and Vegetables*. The AVI Publishing Company Inc., Westport.
- Winarno dan aman 1997. *kimia pangan dan gizi*. Gramedia Pustaka Utama, Jakarta.
- Winarno, F, G, 1997, *Kimia Pangan dan Gizi*, PT, Gramedia, Jakarta.
- Winarno, F.G. dan M. Aman. 1981. *Fisiologi Lepas Panen*. Sastra Hudaya. Jakarta.
- Wirakartakusumah. 1981. *Kinetics Of Starch Gelatinization And Water Absorption In Rice*. Phd Disertation, Univ. Of Wisconsin, Madison.

- Wolfe, T.K. dan M.S. Kipps. 1993. *Production of Field Crops*. 5 ed. Mc Graw Hill Book Company. Inc. London.
- Yanovitz Klapp and Richard.F.C.1993.cysstein as nhibition of enzymatic Browning.kinetic Studies.agric.food Cbbem.41,532-536.
- Yohanes Aris,2012,*Use of Ascorbic Acid and Aloevera to Inhibit Browning in potong segar 'Malang' Apple (PDF Download Available), Available*,[https://www.researchgate.net/publication/311708159\\_The\\_Use\\_of\\_Ascorbic\\_Acid\\_and\\_Aloevera\\_to\\_Inhibit\\_Browning\\_in\\_FreshCut\\_%27Malang%27\\_Apple](https://www.researchgate.net/publication/311708159_The_Use_of_Ascorbic_Acid_and_Aloevera_to_Inhibit_Browning_in_FreshCut_%27Malang%27_Apple) ,Accessed May 30, 2018.
- Zhang, 2010,*Up-Regulating,Arginase Contributes To Amelioration Of Chiling Strees And The Ntioxidant Systemin Cherry Tomato Fruits*,J,Sci,Food agric,90,2195-2202.
- Zhu S, Liu M, Zhou J (2006) *Inhibition By Nitric Oxide Of Ethylene Biosynthesis And Lipxygenase Activity In Peach Fruit During Storage. Postharv Biol Technol* 42:41–48.