

DAFTAR PUSTAKA

- Agus, G.T.K.; A. Dianawati; E.S. Irawan; dan K. Miharja. 2002. *Budidaya Jamur Konsumsi*. Jakarta : Agromedia Pustaka.
- Ali, N.; N.M. Tabi; F.A. Zakil; W.N.F.M. Fauzai; dan O. Hassan. 2013. Yield Performance And Biological Efficiency Of Empty Fruit Bunch (EFB) And Palm Pressed Fibre (PPF) As Substrates For The Cultivation Of *Pleurotus ostreatus*. Dalam Jurnal *Chemical Engineering*. Vol. 9, No. 3, Hal. 93-99.
- Anonim. 2019. *Statistik Kelapa Sawit Indonesia*. Jakarta : Badan Pusat Statistik.
- Arif, Z. 2012. *Respon Parking Bumper Bahan Komposit Polymeric Foam Diperkuat Serat Tandan Kosong Kelapa Sawit (TKKS) Akibat Beban Tekan Statik Dan Dinamik (Simulasi Numerik)*. Tesis Master. Universitas Sumatera Utara.
- Asgari, M.; K. Safavi; F. Mortazaeinezhad. 2011. Landfill Biogas production process. Dalam *Journal International Conference on Food Engineering and Biotechnology*, Vol. 9, No. 3, Hal .13-18.
- Belavendram, T.P. 1995. *Taguchi Method Explained: Practical Step to Robust Design*. Prentice Hall of India Pritative Limited. New Dehli.
- Budiyanto; Hasanudin; dan S. Mariaji. 2013. *Kualitas jamur merang dan kualitas kompos bekas media jamur merang*. *Prosiding Seminar Nasional dan Rapat Tahunan bidang Ilmu-Ilmu Pertanian BKS-B, 19-20 Maret 2013*, Universitas Tanjungpura, Pontianak, Kalimantan Barat. 1: 609-618.
- Bobko, P. 2001. *Regression and Correlation Application for Industrial Organizational*. Sage Publications. London
- Cambell, N. A.; J. B. Reece; dan L.G Mitchell. 2002. *Biologi Edisi Kelima*. Jakarta : Penerbit Erlangga.
- Chaikitkaew, S.; P. Kongjan; dan S. O-Thong. 2015. *Biogas Production From Biomass Residues Of Palm Oil Mill By Solid State Anaerobic Digestion*. Dalam Jurnal *Energy Procedia*. 7(9):838 – 844.
- Cioblal, A.; I. Ionell; G. A. Dumitrel dan F. Popescu. 2012. Comparative Study on Factors Affecting Anaerobic Digestion of Agricultural Vegetal Residues. Dalam jurnal *Biotechnology of Biofuels*, Vol. 5, No. 39.

- Cui, Z.; J. Shi dan Y. Li. 2011. Solid-State Anaerobic Digestion Of Spent Wheat Straw From Horse Stall. Dalam Jurnal *Bioresource Technology*. Vol 102 (20), 9432–9437.
- Dai, X.; Li, X.; D. Zhang; Y. Chen; dan L. Dai. 2016. Simultaneous Enhancement of Methane Production and Methane Content in Biogas from Waste Activated Sludge and Perennial Ryegrass Anaerobic Co-Digestion: The Effects of pH and C/N ratio. Dalam *Journal Bioresource Technology*, Vol. 216, Hal. 323-330.
- Deublein D, dan A. Steinhauser. 2008. *Biogas from Waste and Renewable Resources*. Wiley-VCH, Weinheim.
- Dewanti, D. P. 2018. *Potensi Selulosa dari Limbah Tandan Kosong Kelapa Sawit untuk Bahan Baku Bioplastik Ramah Lingkungan*. Dalam Jurnal Teknologi Lingkungan Vol. 19, No. 1, Hal. 81-88.
- Dodge, Y. 2008. *The Concise Encyclopedia of Statistics*. Springer Science. German
- Esposito,G.; L. Frunzo.; F. Liotta; A. Panico; dan Pirozzi, F. 2012. Bio-Methane Potential Tests To Measure The Biogas Production From The Digestion and Co-Digestion of Complex Organic Substrates. Dalam Jurnal *The Open Environmental Engineering*, Vol. 5, Hal. 1-8.
- Fadhilah, H. dan Budiyanto. 2018. Pengaruh Tandan Kosong Kelapa Sawit Sebagai Media Tumbuh Jamur Terhadap Produksi dan Sifat Fisik Jamur Merang. Dalam *Jurnal Agroindustri*, Vol. 8, No. 1
- Gashaw, Alemaheyu. 2014. Anaerobic Co-Digestion Of Biodegradable Municipal Solid Waste With Human Excreta For Biogas Production: A Review. Dalam *American Journal of Applied Chemistry*, Vol. 2, No. 4.
- Harahap, B.; T. Hernawati; dan A. R. Hasibuan. 2018. *Analisa Mutu Minyak Kelapa Sawit Dengan Metode Taguchi (Studi Kasus Di Pt. Sumber Sawit Makmur)*. Dalam Jurnal Buletin Utama Teknik Vol. 13, No. 2, Hal. 81-91
- Irvan, M. 2012. *Limbah Cair Bahan-Bahan Organik*. Bandung : Penerbit Yudhistira.
- Jayaraj, S.; S. Vulmurugan dan B. Deepvanraj. 2014. Study on the Effect of pH on Biogas Production from Food Waste by Anaerobic Digestion. Dalam *Journal International Green Energy*, Vol. 9, Hal. 799-805

- Jong, W. dan J. R. Ommen. Biomass as a Sustainable Energy Source for The Future. John Wiley and Sons. New Jersey.
- Kong, G.T. 2010. *Peran Biomassa dalam Energi Terbarukan*. Jakarta : PT Elex Media Komputido.
- Lee, C. F.; J. C. Lee; A. C. Lee. 2000. Statistics for Business and Financial Economics. World Scientific. New Jersey.
- Lin, L.; C. Wan; X. Liu.; D. J Lee; Z. Lei; Y. Zhang dan J.H. Tay. 2013. Effect Of Initial pH On Mesophilic Hydrolysis And Acidification Of Swine Manure. *Bioresource Technology*. Vol 136, 302–308.
- Liu, G.; R. Zhang; H.M. El-Mashad dan R. Dong. 2009. Effect Of Feed To Inoculum Ratios On Biogas Yields Of Food And Green Wastes. Dalam *Jurnal Bioresource Technology*, Vol. 100, Hal. 5103–5108.
- Mamun, M. R. A. dan S. Torii. 2015. Possibility of Anaerobic Co-digestion of Cafeteria, Vegetable and Fruit Wastes for Biogas Production without Inoculum Source. Dalam *International Journal of Renewable Energy and Environmental Engineering*, Vol. 03, No. 04.
- Marriott, N. G. 2000. *Essentials of Food Sanitation*. International Thomson Publishing. New York.
- Mohammad,N.; M.Z. Alam ; N.A. Kabbashi; and A. Ahsan (2012), *Effective Composting of Oil Palm Industrial Waste by Filamentous Fungi: A Review, Resources, Conservation and Recycling*, 58, pp. 69-78.
- Noraini, M.; S. N. A. Sanusi; O. S. J. Elham; M. Z. Sukor; dan K. H. K. Hamid. *Factors Affecting Production Of Biogas From Organic Solid Waste Via Anaerobic Digestion Process: A Review*. Dalam *Jurnal Solid State Science and Technology*, Vol. 25, No 1. Hal. 29-39
- Nurika; Irnia; dan S. Suhartini. 2019. *Bioenergi dan Biorefinery*. Malang : UB Press
- Okonkwo, P.C.; B.O. Aderemi; dan C.S. Okoli. 2013. Factors Affecting Biogas Production during Anaerobic Decomposition of Brewery effluent-wastewater in a Fluidized Bed Digester. Dalam *Jurnal Environment and Earth Science*. Vol. 3, No.8, Hal 32-40.
- Onojo, O.J.; G.A. Chukwudebe; E.N.C. Okafor; G.C. Ononiwu; N. Chukwuchekwa; R. O. Opara; dan D. O Dike. 2013. Estimation Of The Electric Power Potential Of Human Waste Using Students Hostel

- O-Thong, S.; K. Boe; dan I. Angelidak. 2012. *Thermophilic anaerobic co-digestion of oil palm empty fruit bunches with palm oil mill effluent for efficient biogas production*. Dalam *Jurnal Applied Energy*, Vol. 93, Hal. 648-654.
- Panda, A.; A.K. Sahoo dan A.K Rout. 2016. Multi-attribute decision making parametric optimization and modelling in hard turning using ceramic insert trough grey relational analysis : a case study. Dalam *Journal Decision Science Letters*, Vol. 5, Hal. 581-592
- Piontek, Klaus; W. Blodig dan A. T. Smith. 2001. Lignin Peroxidase Structure and Function. Dalam *Journal Biochemical Society Transaction*, Vol. 29, No.1.
- Plichta, S. B dan L. S. Garzon. 2009. *Statistics for Nursing and Allied Health*. Wolters Kluwer. United States of America.
- Sen, A. dan M. Srivastava. 1990. *Regression Analysis Theory, Methods, and Applications*. Springer Verlag. New York.
- Setyanto, R.W dan R. P. Lukodono. 2017. *Teori dan Aplikasi Desain Eksperimen Taguchi*. Malang : UB Press.
- Sibisi, N.T. dan J. M. Green .2005. A Floating Dome Biogas Digester: Perceptions Of Energizing a Rural School In Maphephetheni. *Journal of Energy in Southern Africa*, Vol. 16, No. 3, 45-55.
- Simamora, S.; Salundik; S. Wahyuni; dan Sarajudin. 2013. *Biogas Pengganti Bahan Bakar Minyak dan Gas*. Jakarta : Gramedia Pustaka.
- Sinaga, M.S. 2001. *Jamur Merang dan Budidayanya*. Jakarta : Penerbit Swadaya.
- Soejanto, I. 2009. *Desain Eksperimen dengan Metode Taguchi*. Yogyakarta: Graha Ilmu.
- Sudirman, L.I.; A. Sutrisna; S. Listiyowati; dan L. Fadli, Tarigan. 2011. *The Potency of Oil Palm Plantation Wastes for Mushroom Production. In Proceedings of the 7th International Conference on Mushroom Biology and Mushroom Products* (Pp. 383-389). France.
- Suksong, W.; A. Jehlee; A. Singkhala; P. Kongjan; P. Prasertsan; P. Imai dan S. O-thong. 2017. Thermophilic solid-state anaerobic digestion of solid waste residues from palm oil mill industry for biogas production. Dalam *journal Industrial Corps and Products*, Vol. 95, Hal. 502-511.

- Suksong, W.; P. Kongjan; P. Prasertsan; T. Imaid dan S. O-Thong. 2016. Optimization and Microbial Community Analysis for Production of Biogas from Solid Waste Residues of Palm Oil Mill Industry by Solid-Stateanaerobic Digestion. Dalam *Journal Bioresource Technology*, Vol. 214, Hal. 166-174.
- Sumardjo, Damin. 2006. *Pengantar Kimia : Buku Paduan Mahasiswa SI Kedokteran dan Fakultas Bioeskakta*. Jakarta : Penerbit Buku Kedokteran EGC.
- Susanto, J.P.; A. D. Santoso dan N. Suwedi. 2017. *Perhitungan Potensi Limbah Padat Kelapa Sawit untuk Sumber Energi Terbarukan dengan Metode LCA*. Dalam *Jurnal Teknologi Lingkungan* Vol. 18, No. 2, Hal. 165-172
- Sutarta A. dan Wibisono R. 2013. *Industri Minyak Kelapa Sawit Indonesia*. Makasar : Penerbit Pusaka Media.
- Tabi, M.; A. Nafissa; Z.F. Ahmad; M. Fauzai; W.N. Fauzan; N. Ali dan O. Hassan. 2008. *The Usage of Empty Fruit Bunch (EFB) and Palm Pressed Fibre (PPF) as Substrates for the Cultivation of Pleurotus ostreatus*. *Jurnal Teknologi*. (49): 189–196.
- Taguchi, G.; S. Chowdhury ; dan Y. Wu. 2005. *Taguchi's Quality Engiineering Handbook*. John Wiley & Sons. New Jersey.
- Twisk, J. W. R. 2003. *Applied Longitudinal Data Analysis for Epidemiology*. Cambridge University Press. Cambridge.
- Ventorino, V.; R. Ida; P. Giorgia; R. Alessandro dan O. Pepe. 2018. Pre-Treatment And Inoculum Affect The Microbial Community Structure And Enhance The Biogas Reactor Performance In A Pilot-Scale Biodigestion Of Municipal Solid Waste. Dalam *Jurnal Waste Management*. Vol 73, 69-77
- Wahyono, S.; F.L. Sahwan; dan F. Suryanto. 2008. *Tinjauan terhadap Perkembangan Penelitian Pengolahan Limbah Padat Pabrik Kelapa Sawit*. *Jurnal Teknologi Lingkungan*. Jakarta. Hal. 64-74, Juli 2008.
- Weinberg, S. L. dan S. K. Abramowitz. 2002. *Data Analysis for the Behavioral Sciences Using SPSS*. Cambridge University Press. Cambridge
- Widiastuti, H. dan T. Panji. 2007. *Pemanfaatan Tandan Kosong Kelapa Sawit Sisa Jamur Merang (Volvariella Volvacea) (TKSJ) sebagai Pupuk Organik*

pada Pembibitan Kelapa Sawit. Balai Penelitian Bioteknologi Perkebunan Indonesia, Bogor. Menara Perkebunan, 75(2): 70-79.

Widyaningsih, T. D.; N. Widjayanti; dan N. I. P. Nugrahini. 2017. *Pangan Fungsional : Aspek Kesehatan, Evaluasi, dan Regulasi*. Malang : UB Press.

Wulandari, A.A; T. Wuryanda dan D. Ispriyanti. 2016. *Penerapan Metode Taguchi untuk Kasus Multirespon Menggunakan Pendekatan Grey Relational Analysis dan Principal Component Analysis (Studi Kasus Proses Freis Komposit GFRP)*. Dalam Jurnal Gaussian, Vol. 5, No. 4, Hal. 791-800.

Yadvika, Santosh; T.R.Sreekrishnan; dan S. Kohli. 2004. Enhancement Of Biogas Production From Solid Substrates Using Different Techniques a Review. Dalam *Journal Bioresource Technology* Vol. 95, No.1.

Yan, Z; Z. Songa; D. Lia; Y. Yuana; X. Liua; dan T. Zheng. 2015. The effects of initial substrate concentration, C/N ratio, and temperature on solid-state anaerobic digestion from composting rice straw. Dalam *Journal Bioresource Technology*, Vol. 77, Hal. 266-273.