

DAFTAR PUSTAKA

- Ackoff, R. (1971). Towards a System and a System Concepts. *Management Science*, Vol. 17(11): 661-671. <https://doi.org/10.1287/mnsc.17.11.661>
- Alighiri, D., Eden, W.T., Supardi, K.I., Masturi, and Purwinarko, A. (2016). Potential Development Essential Oil Production of Central Java, Indonesia. *Journal of Physics: Conference Series*, Vol. 824(1): 1-5. <http://dx.doi.org/10.1088/1742-6596/755/1/011001>
- American Marketing Association. (2013). Definition of Marketing: by July 2013. <https://www.ama.org/AboutAMA/Pages/Definition-of-Marketing.aspx> [1 April 2016].
- Anonim. (2012). Wanginya Pasar Minyak Atsiri. <https://tabloidsinartani.com/detail/indeks/komoditi/1773-wanginya-pasar-minyak-atsiri>. [25 Januari 2020]
- Asian Development Bank, Bappenas, Badan Rehabilitasi dan Rekonstruksi Nanggroe Aceh Darussalam dan Nias, Badan Pusat Statistik, dan Insan Hitawasana Sejahtera. (2006). Mapframe v.4.0. Dipersiapkan untuk Badan Rehabilitasi dan Rekonstruksi Nanggroe Aceh Darussalam dan Nias dan seluruh pengguna data, proyek: *Technical Assistance to Indonesia for Monitoring and Evaluating the Social Protection Sector Development Program (TA 3041 INO)* Asian Development Bank, Jakarta.
- Asibey, M.O., Abubakari, M., & Peprah, C. (2019). Vulnerability and urban farming: Coping with price volatility in Ejisu-Juaben Municipality, Ghana. *Cogent Food & Agriculture*, 5(1). <https://doi.org/10.1080/23311932.2019.1594504>
- Badan Standardisasi Nasional. (2006). SNI No. 06-2385-2006: Minyak Nilam. Badan Standardisasi Nasional, Jakarta.
- Barbieri, C. and Borsotto, P. (2018). Essential Oils: Market and Legislation. In El-Shemy, H (Ed). *Potential of Essential Oils* (pp. 107 – 127). Cairo University, Egypt. <http://dx.doi.org/10.5772/intechopen.77725>
- BPS Gayo Lues^a. (2017). *Gayo Lues dalam Angka 2016*. Badan Pusat Statistik Kabupaten Gayo Lues, Blang Kejeren.

- BPS Gayo Lues^b. (2017). *Statistik Daerah Gayo Lues 2017*. Badan Pusat Statistik Kabupaten Gayo Lues, Blang Kejeren.
- BPS Gayo Lues. (2018). *Gayo Lues dalam Angka 2017*. Badan Pusat Statistik Kabupaten Gayo Lues, Blang Kejeren.
- Banyte, J., Gudonaviciene, R., and Grubys, D. (2011). Changes in Marketing Channels Formation. *Inzinerine Ekonomika-Engineering Economics*, Vol. 22 (3): 319-329. <http://dx.doi.org/10.5755/j01.ee.22.3.522>
- Botchkarev, A. (2015). Estimating the Accuracy of the Return on Investment (ROI) Performance Evaluations. *Interdisciplinary Journal of Information, Knowledge, and Management*, Vol. 10 (2015): 217-233. <https://doi.org/10.28945/2338>
- Botchkarev, A. and Andru, P. (2011). A Return on Investment as a Metric for Evaluating Information Systems: Taxonomy and Application. *Interdisciplinary Journal of Information, Knowledge, and Management*, Vol. 6 (2011): 245 – 269.
- Borychowski, M. and Czyzewski, A. (2015). Determinants of Prices Increase of Agricultural Commodities in a Global Context. *Management*, Vol. 19(2): 152–167. <http://dx.doi.org/10.1515/manment-2015-0020>
- Bradley, S.P., Hax, A.C., and Magnanti, T.L. (1977). *Applied Mathematical Programming*. Addison-Wesley Publishing Company, Boston.
- Buckingham, J. (1982). *Dictionary of Organic Compounds, 5th edition*. Chapman and Hall, New York.
- Caritas Czech Republic. (2010). *Nilam Aceh: Studi tentang Minyak Nilam Aceh*. Aceh Economic Development Financing Facility (Aceh-EDFF) Project, Banda Aceh, Indonesia: Ministry for the Development of Disadvantaged Areas (KPDT) and Bappeda Aceh.
- Caritas Czech Republic. (2011). *Patchouli Aceh: Brochure March 2011 Volume 1*. Aceh Economic Development Financing Facility (Aceh-EDFF) Project, Banda Aceh.
- Chakrapani. P., Venkatesh. K., Chandra Sekhar Singh, B., Arun Jyothi, B., Kumar, P., Amareshwari, P., and Rani, A.R. (2013). Phytochemical, Pharmacological importance of Patchouli (*Pogostemon cablin* (Blanco) Benth) an Aromatic Medicinal Plant. *International Journal of Pharmaceutical Sciences Review and Research*, Vol. 21(2): 7-15.

- Chaturvedi, D.K. (2010). *Modelling and Simulation of System Using Matlab and Simulink*. CRC Press, Taylor & Francis Group, Florida.
- Chen, Y., Wu, Y.G., Xu, Y., Zhang, J.F., Song, X.Q., Zhu, G.P., and Hu, X.W. (2014). Dynamic Accumulation of Sesquiterpenes in Essential Oil of *Pogostemon cablin*. *Rev Bras Farmacognosia*, Vol. 24 (6): 626-634. <http://dx.doi.org/10.1016/j.bjp.2014.11.001>
- Chinneck, J.W. (2015). *Practical Optimization: A Gentle Introduction*. Systems and Computer Engineering, Carleton University, Ottawa, Canada. <http://www.sce.carleton.ca/faculty/chinneck/po.html>, this version dated June 23, 2015. [25 Desember 2016].
- Cocoa Life. (2020). Building A Promising Future for Cocoa Farming Communities. <https://www.cocoalife.org/the-program/approach> [25 Juni 2020].
- Cordes, JJ. (2016). Using cost-benefit analysis and social return on investment to evaluate the impact of social enterprise: Promises, implementation, and limitations. *Evaluation and Program Planning*, Vol. 64: 98–104.
- Deguerry, F., Pastore, L., Wu, S., Clark, A., Chappell, J., and Schalk, M. (2006). The Diverse Sesquiterpene Profile of Patchouli, *Pogostemon cablin*, is Correlated with a Limited Number of Sesquiterpene Synthases. *Archives of Biochemistry and Biophysics*, 454 (2006): 123-136. <http://dx.doi.org/10.1016/j.abb.2006.08.006>
- Department for International Development United Kingdom. (2008). *Making Value Chains Work Better for the Poor: A Toolbook for Practitioners of Value Chain Analysis*. Agricultural Development International (Cambodia Representative Office), Phnom Penh.
- Deshpande, R.S., Neelakanta, N.T., and Hegde, N. (2006). Cultivation of Medicinal Crops and Aromatic Crops as a Means of Diversification in Agriculture. Research Report: IX/ADRT/115. Agricultural Development and Rural Transformation Centre Institute for Social and Economic Change, Nagarbhavi, Bangalore.
- Direktorat Jenderal Pengembangan Ekspor Nasional, Kementerian Perdagangan Republik Indonesia. (2015). *Export News Indonesia: Patchouli Oil*. Jakarta, Indonesia. http://djpen.kemendag.go.id/app_frontend/admin/docs/publication/5291455002421.pdf [23 Maret 2019]
- Direktorat Jenderal Perkebunan, Kementerian Pertanian Republik Indonesia. (2018). *Roadmap Nilam 2018 - 2024*. Jakarta, Indonesia. <http://tansim.ditjenbun.pertanian.go.id/uploads/download/1563243502.pdf> [2 Juni 2020].

- Djuwendah, E. dan Rachmawati, E. (2008). Analisis Pemasaran dan Strategi Pengembangan Usaha Nilam (*Pogostemon cablin Benth*) di Kabupaten Garut. *Jurnal Sosiohumaniora*, Vol. 10(3): 31-44. <https://doi.org/10.24198/sosiohumaniora.v10i3.5402>
- Dufresne, D. and Vázquez-Abad, F. (2013). Cobweb Theorems with Production Lags and Price Forecasting. *Economics: The Open-Access, Open-Assessment E-Journal*, Vol. 7(2013-23): 1-49. <http://dx.doi.org/10.5018/economics-ejournal.ja.2013-23>
- Effendy, E., N, M.Y., Romano., dan Safrida. (2019). Analisis Struktur Biaya Produksi dan Kesenjangan Pendapatan Petani Akibat Fluktuasi Harga Minyak Nilam. *Jurnal Ekonomi Pertanian dan Agribisnis*, Vol. 3 (2): 360-374. <https://doi.org/10.21776/ub.jepa.2019.003.02.12>
- Emmyzar dan Ferry. Y. (2004). Pola Budidaya untuk Peningkatan Produktifitas dan Mutu Minyak Nilam (*Pogostemon cablin Benth*). *Perkembangan Teknologi Tanaman Rempah dan Obat*, Vol. XVI (2): 52 – 61.
- Ernawati, Syathi, P.B., Muhammad, S., Indra, and Meilina, H. (2018). Patchouli Oil Farming: An Alternative to Poverty Alleviation through Smallholders Business. *Proceedings of the First International Graduate Conference (IGC) on Innovation, Creativity, Digital, & Technopreneurship for Sustainable Development in Conjunction with the 6th Roundtable for Indonesian Entrepreneurship Educators*, Banda Aceh, Indonesia: Universitas Syiah Kuala. <http://dx.doi.org/10.4108/eai.3-10-2018.2284267>. [15 Juli 2019].
- Ezekiel, M. (1938). The Cobweb Theorem. *Quarterly Journal of Economics*, Vol. 52 (2), 255–280. <https://doi.org/10.2307/1881734>
- Farrell, M.J. (1957). The Measurement of Productive Efficiency. *Journal of the Royal Statistical Society, Series A (General)*, Vol. 120(3): 253 – 290. <https://doi.org/10.2307/2343100>
- Giuliani, E., Pietrobelli, C., and Rabellotti, R. (2005). Upgrading in Global Value Chains: Lessons from Latin American Clusters. *World Development*, Vol. 33(4): 549–573. <https://doi.org/10.1016/j.worlddev.2005.01.002>
- Givaudan. (2014). Givaudan Announces Exclusive Partnership for Sustainable Sourcing of Patchouli. <https://www.givaudan.com/media/media-releases/2014/givaudan-announces-exclusive-partnership-sustainable-sourcing-patchouli> [4 Januari 2016].
- Gunawan, D. dan Mulyani, S. (2004). *Ilmu Obat Alam*, Jilid 1. Penebar Swadaya, Bogor.

- Gunawan, W.P. (2007). Developments in Indonesian Essential Oils and the Establishment of the Indonesian Essential Oil Council. *Proceedings of IFEAT (International Federation of Essential Oils and Aroma Trades) Conference 2007: Developments in the Global Aroma Chemicals and Essential Oils Industries*, Budapest, Hungary pp 146-150
- Hadipoentyanti, E. 2014. Patchoulina Nilam Unggul Toleran Layu Bakteri. *Warta Litbang Pertanian*, Vol. 36 (5): 4-5. <http://digilib.litbang.pertanian.go.id/repository/index.php/repository/download/11419/9901> [1 Oktober, 2017].
- Hanafie, R. (2010). *Pengantar Ekonomi Pertanian*. Penerbit ANDI. Yogyakarta.
- Haq, Z.U. (2012). Food Value Chain Analysis: A Review of Selected Studies for Pakistan and Guidelines for Further Research. PSSP Working Papers No. 10, December 2012. Pakistan Strategy Support Program. International Food Policy Research Institute (IFPRI), Washington.
- Hariyani., Widaryanto, E., dan Herlina, N. (2015). Pengaruh Umur Panen terhadap Rendemen dan Kualitas Minyak Atsiri Tanaman Nilam (*Pogostemon cablin* Benth). *Produksi Tanaman*, Vol. 3(3): 205–211.
- Hendrastuti, Eriyatno, Rusli, M.S., dan Soedarsono, J.W. (2012). Optimasi Penentuan Kesepakatan Harga Nilam pada Rantai Pasok Minyak Atsiri di Kabupaten Kuningan. *Agrointek*, Vol. 6(1): 16-21. <https://doi.org/10.21107/agrointek.v6i1.1949>
- Hicks, P. A. (1995). An Overview of Issues and Strategies in the Development of Food Processing Industries in Asia and the Pacific: Growth of the Food Processing Industry in Asia and the Pacific. *Asian Productivity Organization Symposium*, Tokyo, 28 September-5 Oktober.
- Higgins, A., Thorburn, P., Archer, A., and Jakku, E. (2007). Opportunities for value chain research in sugar industries. *Agricultural Systems*, Vol. 94 (2007): 611–621. <https://doi.org/10.1016/j.agsy.2007.02.011> 612
- Hillier, F.S. and Lieberman, G.J. (2010). *Introduction to Operations Research*, 9th Edition. McGraw-Hill, New York.
- Hogervorst, R. and Kerver, K. (2019). *CBI Value Chain Analysis: Essential Oils - Indonesia*. Centre for the Promotion of Imports from Developing Countries [CBI], Hague, Netherlands. https://www.cbi.eu/sites/default/files/vca_essential_oils_final_updated_24062019.pdf [16 Juli 2019].

- Huka, H., Ruoja, C., and Mchopa, A. 2014. Price Fluctuation of Agricultural Products and its Impact on Small Scale Farmers Development: Case Analysis from Kilimanjaro Tanzania. *European Journal of Business and Management*, Vol.6(36): 155-161.
- IAL Consultants. (2014). An Overview of the Global Flavours & Fragrances Market, 9th Edition. http://www.ialconsultants.com/uploads/CUBE_press_release/2014-11-06/F_FPressRelease2014.pdf [24 Desember 2015].
- IFEAT (*International Federation of Essential Oils and Aroma Trades*). (2014). Socio-Economic Committee Report on Patchouli Pogostemon cablin Benth. https://www.ifeat.org/sites/default/files/uploaded-content/field_f_content_file/ifeat_world_may-2014-.pdf [26 Maret 2015].
- Indrawanto, C., Yuhono, J.T. (2008). Optimasi Harga Kesepakatan Terna dan Minyak Nilam untuk Menunjang Program Cultiva. *Prosiding Konferensi Nasional Minyak Atsiri 2008*, Jakarta: Ditjen, Industri Kecil dan Menengah.
- Irawan, B. (2007). Fluktuasi Harga, Transmisi Harga dan Marjin Pemasaran Sayuran dan Buah. *Analisis Kebijakan Pertanian*, Vol. 5(4): 358-373
- ISO (*International Organization for Standardization*). (2012). ISO 3757, International Standard (2002), 2nd edition 2002-11-01. Oil of patchouli [*Pogostemon cablin (Blanco) Benth*]. <https://www.iso.org/standard/32035.html> [18 Maret 2016].
- JIKA OISCA. (2013). *Final Report, Sustainable Alternative Development of the Patchouli Industri in Gayo Lues District: Development of High Added Value Certified Organic Patchouli Oil (Grant Agreement IFACS005)* Submitted to: USAID IFACS. JIKA OISCA, Banda Aceh.
- Jones, H. (2009). Equity in Development; Why it is Important and How to Achieve it. Working Paper 311 (November 2009): Results of ODI research presented in preliminary form for discussion and critical comment. Overseas Development Institute (ODI), London.
- Kaplinsky, R. and Morris, M. (2000). *A Handbook for Value Chain Research*. Institute of Development Studies, University of Sussex, Brighton UK.
- Kementerian Pertanian Indonesia. (2015). *Rencana Strategis Kementerian Pertanian Tahun 2015-2019*. Kementerian Pertanian Indonesia, Jakarta.
- Ketaren, S. (1985). *Pengantar Teknologi Minyak Atsiri*. PN. Balai Pusaka, Jakarta.

- Kinsey, J. (1988). *Marketing in Developing Countries*. Macmillan Education L.td., Hampshire.
- Kotler, P. and Armstrong, G. (1993). *Marketing: An Introduction*. Prentice-Hall International, Inc., New Jersey.
- Kotler, P., Aug, S.H., Leong, S.M., and Tan, C.T. (2000). *Manajemen Pemasaran: Perspektif Asia*, Edisi Pertama. Diterjemahkan oleh Fandy Tjiptono. Penerbit Andi, Yogyakarta.
- Kousky, C., Ritchie, L., Tierney, K., and Lingle, B. (2019). Return on investment analysis and its applicability to community disaster preparedness activities: Calculating costs and returns. *International Journal of Disaster Risk Reduction*, Vol. 41 (2019) 101296. <https://doi.org/10.1016/j.ijdr.2019.101296>
- Law, A.M. and Kelton, W.D. (1991). *Simulation Modeling and Analysis 2nd Edition/ International Edition*. McGraw-Hill, Inc, Printed in Singapore.
- Leffingwell & Associates. (2017). Flavor & Fragrance Top Companies (Final Sales Estimates for Years 2012-2016 as of October 5, 2017). http://www.leffingwell.com/top_10.htm [20 Oktober 2017].
- Luenberger, D.G. and Ye, Y. (2008). *Linear and Nonlinear Programming*. Springer Science+Business Media, LLC, New York.
- Mangun, S. (2008). *Nilam*. Cetakan ke III. Penebar Swadaya, Jakarta.
- Maria, A. (1997). Introduction to Modeling and Simulation. *Proceeding of 29th Winter Simulation Conference*. Atlanta, GA, USA — December 07 - 10, 1997: 7-13.
- Maryani, N.F. (2012). Analisis Strategi Peningkatan Daya Saing Industri Minyak Atsiri Nilam dengan Pendekatan Rantai Nilai dan Kualitas Industri (Studi di Industri Minyak Nilam X, Kulon Progo). Tesis Program Studi S2 Teknologi Industri Pertanian, Universitas Gadjah Mada, Yogyakarta.
- Matthews, J.R. (2011). What's the return on ROI? The Benefits and Challenges of Calculating Your Library's Return on Investment. *Library Leadership & Management*, Vol. 25(1): 1-14.
- Montgomery, D. C. (2009). *Introduction to statistical quality control (6th ed.)*. Hoboken, New Jersey: John Wiley & Sons, Inc.
- Mubyarto. (1989). *Pengantar Ekonomi Pertanian*. LP3ES, Jakarta.

- Muchfirodin, M., Guritno, A.D., and Yuliando, H. (2015). Supply Chain Risk Management on Tobacco Commodity in Temanggung, Central Java (Case Study at Farmers and Middlemen Level). *Agriculture and Agricultural Science Procedia* 3, 235–240. <https://doi.org/10.1016/j.aaspro.2015.01.046>
- Mulyadi, A. (2013). Pasar Minyak Atsiri. Presentasi pada Konferensi Minyak Atsiri 2013: *Kelembagaan untuk Menangkap Peluang Pasar Minyak Atsiri Baru*. Padang, 6 – 8 Nopember 2013.
- Munir, B. (2013). Upaya Pelestarian Plasma Nutfah di Balai Penelitian Tanaman Rempah dan Obat (BALITTRO) Bogor [pdf]. [http://ditjenbun.pertanian.go.id/bbpptpsurabaya/tinymcpuk/gambar/file/Pelestarian Plasma Nutfah Balittro rev.pdf](http://ditjenbun.pertanian.go.id/bbpptpsurabaya/tinymcpuk/gambar/file/Pelestarian%20Plasma%20Nutfah%20Balittro%20rev.pdf). [20 Januari 2015].
- Nugraha. A.T., Prayitno, G., Maulidi, C., Jahra, S.L., and Limantara, L.M. (2019). Patchouli Plant Development in Trenggalek Regency. *International Journal of Geomate*, Vol. 16(53): 95-100. <https://doi.org/10.21660/2019.53.67606>
- Nurdjannah, N., Hidayat, T., dan Winarti, C. (2006). *Teknologi Minyak Nilam*. Balai Besar Penelitian dan Pengembangan Pasca Panen Pertanian, Badan Penelitian dan Pengembangan Pertanian, Departemen Pertanian, Bogor.
- Nuryani, Y. (2006). Budidaya Tanaman Nilam (*Pogostemon cablin Benth*). Makalah disampaikan pada Pelaksanaan Pembekalan Teknis untuk Rintisan Pengembangan Usaha Tani dan Fasilitasi Penumbuhan Kelompok Usaha Tani Tanaman Penghasil Minyak Atsiri, Kabupaten Tanah Laut, Kalimantan Selatan, tanggal 9 Agustus 2006.
- Odongo, W. and Etany, S. (2018). Value Chain and Marketing Margins of Cassava: An Assessment of Cassava Marketing in Northern Uganda. *African Journal of Food, Agriculture, Nutrition and Development*, Vol. 18(1), 13226-13238. <https://doi.org/10.18697/ajfand.81.15955>
- Olowa, O.W. (2015). A Review of Book Theory on Agricultural Marketing and Food Prices: Nigeria in Perspective. *Advance in Agriculture and Biology*, Vol. 4 (2): 71-74. <https://doi.org/10.15192/PSCP.AAB.2015.4.2.7174>
- Onuma, E.O. (2017). A Predictive Model for Determining Internal Rate Return (IRR) Without Trial and Error. *IOSR Journal of Economics and Finance*, Vol. 8, Issue 2 Ver. III (Mar. - Apr. 2017): 62-66.

- Parlinah, N., Irawanti, S., Suka, A.P., dan Ginoga, K.L. (2015). Distribusi Nilai Tambah dalam Rantai Nilai Kayu Sengon (*Paraserianthes falcataria*) dari Kabupaten Pati, Jawa Tengah, Indonesia. *Jurnal Penelitian Sosial dan Ekonomi Kehutanan*, Vol. 12(2): 77-87. <https://doi.org/10.20886/jpsek.2015.12.2.77-87>
- Pharmawati, M. and Candra, I.P. (2015). Short Communication: Genetic diversity of patchouli cultivated in Bali as detected using ISSR and RAPD markers. *Biodiversitas*, Vol. 16(2): 132-138. <http://dx.doi.org/10.13057/biodiv/d160205>
- Pelton, L.E., Strutton, D., and Lumpkin, J.R. (2014). *Marketing Channels: A Relationship Management Approach*. Edinburgh: Edinburgh Business School, Heriot-Watt University.
- Peraturan Menteri Perindustrian Republik Indonesia Nomor: 136/M-IND/PER/10/2009 Tentang Peta Panduan (*Road Map*) Pengembangan Klaster Industri Minyak Atsiri.
- Peraturan Menteri Perindustrian No 130/M-IND/PER/12/2010 Tentang Panduan (*Road Map*) Pengembangan Industri Unggulan Provinsi Aceh.
- Peraturan Menteri Pertanian RI No: 19/Permentan/Hk.140/4/2015 Tentang Rencana Strategis Kementerian Pertanian Tahun 2015-2019.
- Phillips, J.J. (1997). *Handbook of Training Evaluation and Measurement Methods (Improving Human Performance)*, 3rd Edition. Taylor & Francis, New York.
- Pomfret, R. and Sourdin, P. (2016). Value chains in Europe and Asia: Which countries participate? *International Economics*, Available online 22 November 2016 (In Press, Corrected Proof). <http://dx.doi.org/10.1016/j.inteco.2016.11.002>. [17 November 2017].
- Pusat Bahasa. (2008). *Kamus Bahasa Indonesia*. Departemen Pendidikan Nasional RI, Jakarta.
- Qanun Aceh No.12 Tahun 2013 Tentang Rencana Pembangunan Jangka Menengah Aceh Tahun 2012-2017.
- Rahmayanti, D., Hadiguna, R.A., Santosa, and Nazir, N. (2018). Determining the Profit Margin of "Patchouli Oil" Supply Chain: A Case Study in Indonesia. *International Journal on Advanced Science, Engineering and Information Technology*, Vol. 8(2): 483-488. <https://doi.org/10.18517/ijaseit.8.2.3485>

- Rahmayanti, D., Hadiguna, R.A., Santosa., and Nazir, N. (2019). Conceptualization of system dynamic for patchouli oil agroindustry development. *Business Strategy and Development*, 2019: XX–XX. <https://doi.org/10.1002/bsd2.85>
- Raynolds, L. T., and Bennett, E. A. (2015). Introduction to Research on Fair Trade. In L. T. Raynolds & E. A. Bennett (Eds.), *Handbook of Research on Fair Trade* (pp. 3-23). Northampton, MA: Edward Elgar. <https://doi.org/10.4337/9781783474622>
- Recklies, D. (2001). The Value Chain. Recklies Management Project GmbH, Ruesselsheim. http://www.fao.org/fileadmin/user_upload/fisheries/docs/ValueChain.pdf [6 Januari 2016].
- Riyadi, E. (2012). Profil Senyawa Volatil pada Berbagai Jenis Minyak atsiri asal Indonesia. Thesis Program Studi Magister Profesi Teknologi Pangan, Sekolah Pascasarjana Institut Pertanian Bogor, Bogor.
- Rosales, R.M., Pomeroy, R., Calabio, I.J., Batong, M., Cedo, K., Escara, N., Facunla, V., Gulayan, A, Narvadez, M., Sarahadil, M., and Sobrevega, M.A. (2017). Value Chain Analysis and Small-Scale Fisheries Management. *Marine Policy*, Vol. 83, September 2017: 11–21. <http://dx.doi.org/10.1016/j.marpol.2017.05.023>
- Rosenbloom, B. (2010). Six Classic Distribution Paradigms for Global Marketing Channel Strategy, Emerging Issues in Management. *Symphonya, Emerging Issues in Management*, Vol. 1 (2010): 7-17. <http://dx.doi.org/10.4468/2010.1.02rosenbloom>
- Rosman, R., Emmyzar., dan Wahid, P. (1998). Karakteristik Lahan dan Iklim untuk Perwilayahan Pengembangan. *Dalam: Monograf Nilam 5: 47-54*. Balai Penelitian Tanaman Obat dan Aromatika, Bogor.
- Rosmawati, H. (2011). Analisis Efisiensi Pemasaran Pisang Produksi Petani di Kecamatan Lengkiti Kabupaten Ogan Komering Ulu. *Jurnal AgronobiS*, Vol. 3(5): 1-9.
- Rusli, M.S. (2012). Efforts and Challenges for Sustainable Essential Oil Production in Indonesia. *Proceedings of IFEAT (International Federation of Essential Oils and Aroma Trades) Conference 2012: Essential Asia*, Singapore. http://ifeatdemo.dns-systems.net/wp-content/uploads/2013/02/Singapore_Proceedings_lowres.pdf [23 Juli 2018].

- Rusli, M.S. (2015). Sustainable Essential Oil Production in Indonesia. Presentasi pada *Konferensi Nasional Minyak Atsiri 2015: Peningkatan Daya Saing dan Berkelanjutan Industri Minyak Atsiri Indonesia Menghadapi Pasar ASEAN-CHINA (CHAFTA)*. Makassar, 24-26 Desember 2015.
- Sahwalita dan Herdiana, N. (2015). *Mengenal Nilam (Pogostemon cablin Benth.)*. Balai Penelitian dan Pengembangan Lingkungan Hidup dan Kehutanan (BP2LKH), Palembang.
- Sanganeria, R. (2015). Indonesia – Current and Future Market Dynamics. *Proceedings of the International Federation of Essential Oils and Aroma Trades Conference 2015: Asia – Source of essential oils and medicinal plants*, Colombo, Sri Lanka. http://ultranl.com/ultracms/wp-content/uploads/Indonesia_IFEAT_Paper.pdf [23 Juli 2018].
- Santoso, B.H. 1990. *Bertanam Nilam: Bahan Industri Wewangian*. Kanisius. Yogyakarta
- Sastrohamidjojo, H. 2004. *Kimia Minyak Atsiri*. Gajah Mada University Press, Yogyakarta.
- Setiawan dan Rosman, R. (2013). Produktivitas Nilam Nasional Semakin Menurun (45% Total Areal Pertanaman Nilam di Indonesia Produksinya <150 kg/ha). *Warta Penelitian dan Pengembangan Tanaman Industri*, Vol. 19(3): 8–11.
- Shinta, A. (2011). *Manajemen Pemasaran*. Universitas Brawijaya Press (UB Press), Malang.
- Soekartawi, A. (1989). *Prinsip Dasar Ekonomi Pertanian: Teori dan Aplikasi*. CV. Rajawali, Jakarta.
- Soekartawi, A. (2010). *Agribisnis: Teori dan Aplikasinya*. PT. Raja Grafindo. Jakarta.
- Sridadi, B. (2009). *Pemodelan dan Simulasi Sistem: Teori, Aplikasi, dan Contoh Program dalam Bahasa C*. Penerbit Informatika, Bandung.
- Starbucks. (2020). Committed to 100% Ethically Sourced. <https://www.starbucks.com/responsibility/community/farmer-support/farmer-loan-programs> [25 Juni, 2020].
- Supriyati dan Suryani, E. (2006). Peranan, Peluang, dan Kendala Pengembangan Agroindustri di Indonesia. *Forum Penelitian Agro Ekonomi*, Vol. 24(2): 92 – 106. <http://dx.doi.org/10.21082/fae.v24n2.2006.92-106>

- Supriono. (2014). Kualitas Minyak Atsiri Nilam dari Metode Pengecilan Ukuran pada Penyulingan Tanaman Nilam (*Pogostemon cablin*). *Prosiding Seminar Nasional Kimia*. Laboratorium Kimia Analitik Jurusan Teknologi Pertanian. PPNS. Samarinda
- Suyono dan Purwastuti, D. (2011). Efisiensi Pemasaran Nilam (*Pogostemon cablin*) di Kabupaten Banyumas Propinsi Jawa Tengah. *Agrin*, Vol. 15(2): 143-152. <http://dx.doi.org/10.20884/1.agrin.2011.15.2.190>
- Taha, H.A. (2007). *Operations Research: An Introduction*, 8th Edition. Pearson Prentice Hall, New Jersey.
- The Oxford English Dictionary. (2017). Definition of equity in English <https://en.oxforddictionaries.com> [27 Juni 2017].
- Tomek, W.G., and Robinson, K.L. (1990). *Agricultural Product Prices*. Cornell University Press, Ithaca and London.
- Trade Policy Analysis and Development Agency (Badan Pengkajian dan Pengembangan Kebijakan Perdagangan Kementerian Perdagangan Indonesia). (2011). *Handbook of Commodity Profile: "Indonesian Essential Oil: The Scents of Natural Life"*. Ministry of Trade, Republic of Indonesia, Jakarta.
- Trienekens, J.H. (2011). Agricultural Value Chains in Developing Countries A Framework for Analysis. *International Food and Agribusiness Management Review*, Volume 14(2): 51-82. <http://doi.org/10.22004/ag.econ.103987>
- Udayana, I.G.B. (2011). Peran Agroindustri dalam Pembangunan Pertanian. *Jurnal Singhadwala*, Edisi 44, Februari 2011.
- Ultra International B.V. (2015). Market Report Winter 2015/2016, December 20, 2015. <http://ultranl.com/market/market-report-winter-201516/> [15 Maret 2016].
- Van Aroma. (2015). Cyclical Market Trends - Patchouli Oil. http://vanaroma.com/wp-content/uploads/2015/01/Patchouli_Plantation_Trends-Van-Aroma.pdf [15 Maret 2016].
- Widaranti, M. (2013). Model Penentuan Harga Jual dan Jumlah Produksi Minyak Nilam di Kabupaten Sleman. Thesis S2 Program Studi Teknik dan Manajemen Industri Institut Teknologi Bandung, Bandung.

- World Bank. (2012). *Report No: ISR7629, Implementation Status & Results Indonesia Aceh Economic Development Financing Facility (P109024)*. Retrieved March 16, 2019, from <http://documents.worldbank.org/curated/en/859061468050645205/pdf/ISR-Disclosable-P109024-11032012-1351968883981.pdf>
- Yates, B.T. and Marra, M. (2016). Introduction: Social Return on Investment (SROI). *Evaluation and Program Planning*, Vol. 64, October 2017: 95-97. <https://doi.org/10.1016/j.evalprogplan.2016.10.013>
- Yuhono, J.T. dan Suhirman, S. (2007). Strategi Peningkatan Rendemen dan Mutu Minyak dalam Agribisnis Nilam. *Perkembangan Teknologi Tanaman Rempah dan Obat*. Vol XIX (1): 30-43.
- Zamfir, M., Manea, M.D., and Ionescu, L. (2016). Return on Investment – Indicator for Measuring the Profitability of Invested Capital. *Valahian Journal of Economic Studies*, Vol. 7(21) Issue 2: 79-86. <https://doi.org/10.1515/vjes-2016-0010>