

DAFTAR PUSTAKA

- AEKI, 2005. Statistik Kopi 1980-2005. Asosiasi Eksportir Kopi Indonesia. Jakarta.
- Aklimawati, L., Yusianto, dan Mawardi., 2014. Karakteristik mutu dan agri- bisnis kopi robusta di lereng gunung tambora, sumbawa. *Pelita Perkebunan*. 30(2): 159-180.
- Alves, R. C., Soares, C., Casal, S., Fernandes, J. O., dan Oliveira, M. B. P. P., 2010. *Acrylamide in espresso coffee: Influence of species, roast degree and brew length*. *Food Chemistry*, 119(3), 929–934. <https://doi.org/10.1016/j.foodchem.2009.07.051>.
- Andrzejewski, D., Roach, J. A. G., Gay, M. L., dan Musser, S. M., 2004. Analysis of Coffee for the Presence of Acrylamide by LC-MS/MS. *Journal of Agricultural and Food Chemistry*, 52(7), 1996–2002. <https://doi.org/10.1021/jf0349634>
- Anese, M. C., Nicoli, G., Verardo, M., Munari, G., Mirolo dan R. Bortolomeazzi, 2014. *Effect of Vacuum Roasting on Acrylamide Formation and Reduction in Coffee Beans*. *Food Chemistry*, vol. 145, pp. 168–172.
- _____, Suman M., dan Nicoli M.C., 2010. *Acrylamide removal from heated foods*. *Food Chemistry*. 119(2): 791–794.
- Anggara, A., dan Marini, S., 2011. Kopi Si Hitam Menguntungkan. Budidaya dan Pemasaran. Yogyakarta : Cahaya Atma Pustaka.
- AOAC. 1995. (16th eds) *Official Method of Analysis*. Association of Official Analytical Chemist. Publ AOAC International. Maryland, USA. Pp 30– 44.
- _____. 2005. (18th eds) *Official Methods of Analysis of AOAC International* Horwitz W. Association of Official Analytical Chemist. Publ AOAC International. Maryland USA.
- Arya, M., dan Rao, L. J. M., 2007 *An Impression of Coffee Carbohydrates*. *Critical Reviews in Food Science Nutrition*, 47 (1), 51-67. <https://doi.org/10.1080/10408390600550315>.
- Asfirmanto W. A., Nurlambang, dan Waryono. 2013. Pengaruh Kondisi Fisik dan Budidaya Terhadap Kualitas Kopi Kintamani dan Gayo (Skripsi). Universitas Indonesia. Depok.
- Atmawinata, O., 2002. Peranan uji sensori dalam pengendalian mutu kopi. Materi pelatihan uji sensori kopi. Pusat Penelitian Kopi dan Kakao. Jember.
- Badan Pusat Statistik, 2008. Sumatera Statistik Provinsi Sumatera Barat.
- Bagdonaite, K., Derler, K., dan Murkovic, M. 2008. *Determination of acrylamide during roasting of coffee*. *Journal of Agricultural and Food Chemistry*, 56(15), 6081–6086. <https://doi.org/10.1021/jf073051p>.
- Baggenstoss, J., Poisson, L., Kaegi, R., Perren, R., dan Escher, F. 2008a. *Coffee roasting and aroma formation: application of different time - temperature conditions*. *Journal of Agriculture and Food Chemistry*, 56, 5836–5846. <https://doi.org/10.1021/jf800327j>

- _____. 2008b. *Roasting and aroma formation: effect of initial moisture content and steam treatment*. *J. Agric. Food Chem.*, 56, 5847–5851. <https://doi.org/10.1021/jf8003288>
- Banchero, M., Pellegrino, G., dan Manna, L., 2013. *Supercritical fluid extraction as a potential mitigation strategy for the reduction of acrylamide level in coffee*. *Journal of Food Engineering*, 115(3), 292–297. <https://doi.org/10.1016/j.jfoodeng.2012.10.045>.
- Beckett, S.T., 2009. *Traditional Chocolate Making*. In *Industrial Chocolate Manufacture and Use*, 4thed., 1–9. United Kingdom: Wiley-Blackwell, John Wiley dan Sons Ltd.
- Behailu, W., Solomon, E., 2006. *The Influence of Shade During Fermentation Stage of Wet Processing on the Cup Coffee science (ASIC)*. Montpellier, France. pp. 549-553
- _____. 2008. *The Influence of Shade During Fermentation Stage of Wet Processing on the Cup Quality of Arabica Coffee* 21st International Scientific Conference on Coffee Science (ASIC). Montpellier, France. p 549-553
- Belay, A., and A.V., Gholap, 2009. *Characterization and determination of chlorogenic acid (CGA) in coffee beans by UV-Vis spectroscopy*. *African Journal of Pure and Applied Chemistry*. 3(11): 234-240.
- Belay, S., Mideksa, D., Gebrezgiabher, S., dan Seifu, W., 2016. *Factors affecting coffee (Coffea arabica L.) quality in Ehtiopia: A review*. *Journal of Multidisciplinary Scientific Research*, 4(1), 22–28.
- Belitz, H. D., dan Grosch, W., 1987. *Food Chemistry: Coffee, Tea, Cocoa*. *Food Chemistry*. 3 (1): 23–28.
- Bertuzzi, T., Martinelli, E., Mulazzi, A., dan Rastelli, S., 2020. *Acrylamide determination during an industrial roasting process of coffee and the influence of asparagine and low molecular weight sugars*. *Food Chemistry*, 303, 125372. <https://doi.org/10.1016/j.foodchem.2019.125372>.
- Bicho, N. C., Leitão, A. E., Ramalho, J. C., dan Lidon, F. C., 2011. *Identification of chemical clusters discriminators of the roast degree in Arabica and Robusta coffee beans*. *European Food Research and Technology*, 233(2), 303-311. doi: 10.1007/s00217-011-1518-5.
- _____. 2012. *Use of colour parameters for roasted coffee assessment*. 32(3), 436–442. <https://doi.org/http://dx.doi.org/10.1590/S0101-20612012005000068>.
- Boot, W. J., 2008. *Under the Microscope: The Science of Browning Reactions*. *Roast*, <http://www.roastmagazine.com/education/roasting101/>.
- Borém, F.M., Ribeiro, F.C., Figueiredo, L.P., Giomo, G.S., Fortunato, V.A., dan Isquierdo, E.P., 2013. *Evaluation of the sensory and color quality of coffee beans stored in hermetic packaging*. *Journal of Stored Products Research*, 52, 16.
- Bortolomeazzi, R., Munari, M., Anese, M., dan Verardo, G., 2012. *Rapid mixed mode solid phase extraction method for the determination of acrylamide in roasted coffee by*

HPLC-MS/MS. *Food Chemistry*, 135(4), 2687–2693. <https://doi.org/10.1016/j.foodchem.2012.07.057>.

Brathen E., dan Svein H.K., 2005. *Effect of Suhue and Time on The Formation of Acrylamide in Starch- Based and Cereal Model Systems, Flat Breads and Bread*. *Food Chemistry* 92: 693-700.

Brown, L., Rhead, M. M., dan Bancroft, K. C. C., 1982. *Rapid Screening Technique Utilising High Performance Liquid Chromatography for Assessing Acrylamide Contamination in Effluents*. *Analyst*. 10 (7): 749–754.

BSN. 2008. Biji Kopi SNI-01-2907-2008. Jakarta: Badan Standarisasi Nasional.

Buffo dan C., Cardelli-Feire, 2004. *Coffee flavour: An Overview*. *Flavour and Fragrance Journal*,19: 99-104.

Bytof G., Knopp S.E., Schieberle P., Teutsch I., Selmar D., 2005. *Inxuece of processing on the generation of -aminobutyric acid in green coffee beans*. *Eur Food Res Technol* 220:245–250

Cagliero, C., Ho, T. D., Zhang, C., Bicchi, C., dan Anderson, J. L., 2016. *Determiration of acrylamide in brewed coffee and coffee powder using polymeric ionic liquid-based sorbent coatings in solid-phase microextraction coupled to gas chromatography-mass spectrometry*. *Journal of Chromatography A*, 1449, 2–7. <https://doi.org/10.1016/j.chroma.2016.04.034>.

Can, N. O., and Arli, G., 2014. *Analysis of acrylamide in traditional and nontraditional foods in turkey using HPLC-DAD with SPE cleanup*. *Journal of Liquid Chromatography dan RelateTechnologies*. 37 (6): 850–863.

Caporaso, N., Whitworth, M. B., Cui, C., dan Fisk, I. D., 2018. *Variability of single bean coffee volatile compounds of arabica and robusta roasted coffees analysed by SPME-GC-MS*. *Food Research International*, 108(March), 628–640. <https://doi.org/10.1016/j.foodres.2018.03.077>

Chung H. S., Kim D.H., Youn K.S., Lee J.B, Moon K.D., 2013. *Optimization of roasting condition saccording to antioxidant activity and sensory quality of coffe brews*. *Food Science and Biotechnology*,;22 (1): 23-9

Ciptadi, W. dan M. Z., Nasution. 1981. *Pengolahan Kopi*. Kerjasama Dirjen Pendidikan Tinggi DEPDIKBUD dengan Institut Pertanian Bogor. Bogor

_____1985. *Pengolahan Kopi*. Agro Industri Press : Bogor

Clarke, R.J., 1987. *Roasting and Grinding*. Coffee.Vol. 2: Technology. Elsevier Applied Science, London.

_____R.J., and R., Macrae. 1985. *Coffee Volume I : Chemistry*. Elsevier Applied Science Publishers: London.

_____Vitzthum O.G., 2001. *Coffee: Recent developments*. Blackwell Science Ltd, Oxford

- Clifford, M. N., dan K. C., Willson. 1985. *Coffee : Botany, Biochemistry, and Production of Beans and Beverage*. Croom Helms. Connecticut. 457 hlm.
- Coffeland. 2017. Fase Penyangraian. Bandung
- Commission European. 2017. *Establishing Mitigation Measures and Benchmark Levels for the Reduction of the Presence of Acrylamide in Food*. Ref. Ares. 2895100-09/06/2017 C.F.R.
- Core Team. 2019. *A language and environment for statistical computing*. Retrieved from <https://www.r-project.org/>.
- Correa, E.C., Jiménez-Ariza, T., Díaz-Barcos, V., Barreiro, P., Diezma, B., Oteros, Ruiz-Altisent, M., 2014. *Advanced characterisation of a coffee fermenting tank by multi-distributed wireless sensors: spatial interpolation and phase space graphs*. *Food and Bioprocess Technology*, 2, 46–54.
- _____. Oliveira, G. H. H., de Oliveira, A. P. L. R., de Vargas-Elías, G. A., Santos, F. L., dan Baptestini, F. M., 2016. *Preservation of roasted and ground coffee during storage part I: Moisture content and repose angle*. *Revista Brasileira de Engenharia Agrícola E Ambiental*, 20(6), 581–587. doi.org/10.1590/18071929/agriambi.v20n6p581- 587.
- Czech, H., Schepler, C., Klingbeil, S., Ehlert, S., Howell, J., dan Zimmermann, R., 2016. *Resolving Coffee Roasting-Degree Phases Based on the Analysis of Volatile Compounds in the Roasting Off-Gas by Photoionization Time-of-Flight Mass Spectrometry (PI-TOFMS) and Statistical Data Analysis: Toward a PI-TOFMS Roasting Model*. *Journal of Agricultural and Food Chemistry*, 64(25), 5223–5231. <https://doi.org/10.1021/acs.jafc.6b01683>.
- Danarti dan Najayati. 2004. *Kopi: Budidaya dan Penanganan Pasca Panen*. Penebar Swadaya. Jakarta
- Davids, K., 2013. *Single-Lot, Single-Variety Excitement*. Retrieved from <http://www.coffeereview.com/single-lot-singlevariety-excitement/>.
- Delatour, T., Périsset, A., Goldmann, T., Riedeker, S., dan Stadler, R. H., 2004. *Improved Sample Preparation to Determine Acrylamide in Difficult Matrixes Such as Chocolate Powder, Cocoa, and Coffee by Liquid Chromatography Tandemmass Spectrometry*. *Journal of Agricultural and Food Chemistry*, Vol. 52, hal 4625-4631.
- Depkes RI. 1995. *Farmakope Indonesia (Edisi IV)*. Jakarta: Direktorat Jendral Pengawasan Obat dan Makanan Departemen Kesehatan Republik Indonesia.
- De Vivo, A., Tricarico, M. C., dan Sarghini, F., 2019. *Espresso coffee design based on non-monotonic granulometric distribution of aromatic profile*. *Food Research International*, 123, 650–661. <https://doi.org/10.1016/j.foodres.2019.05.027>.
- Dias, K.G., de L., Neto, A.E.F., Guimarães, P.T.G., Reis, T.H.P., dan de Oliveira, C.H.C. 2015. *Coffee yield and phosphate nutrition provided to plants by various phosphorus sources and levels*. *Ciênc. Agrotec., Lavras*, 39(2), 110–120.

- Ditjen Perkebunan. 2012. Luas Areal dan Produksi Perkebunan Seluruh Indonesia menurut Provinsi dan Status Pengusahaan : Komoditas Kopi.
- Dorea, J. G., dan da Costa, T. H. M., 2005. *Is Coffee a Functional Food? The British Journal of Nutrition* 93 (6), 773-782. <https://doi.org/10.1079/BJN20051370>
- Dutra, Oliveira, Franca, Ferraz, dan Afonso. 2001. *A Preliminary Study on the Feasibility of Using the Composition of Coffee Roasting Exhaust Gas For the Determination of the Degree Roast. Journal Food Engineering.* 47: 241-246.
- E. C., 2017. *Commission Regulation (EU) 2017/2158: establishing mitigation measures and benchmark levels for the reduction of the presence of acrylamide in food. Official Journal of the European Union, 315, 24–44*https://doi.org/http://eur-lex.europa.eu/prpri/en/oj/dat/2003/l_285/l_28520031101en00330037.pdf.
- EFSA., 2015. *Scientific Opinion on acrylamide in food. EFSA Journal, 13(6), 1–321.*
- Elbashir, A., Omar, M. M. A., Ibrahim, W. A. W., Schmitz, O. J., dan Aboul-Enein, H. Y., 2014. *Acrylamide analysis in food by liquid chromatographic and gas chromatographic methods. Critical Reviews in Analytical Chemistry, 44(2), 107–141.* <https://doi.org/10.1080/10408347.2013.829388>.
- Erkekoğlu, P., dan Baydar, T., 2010. *Toxicity of acrylamide and evaluation of its exposure in baby foods. Nutrition Research Reviews, 23(2), 323–333.* <https://doi.org/10.1017/S0954422410000211>.
- Ernawati, R.R., R.W., Arief dan Slameto. 2008. *Teknologi Budidaya Kopi Poliklonal.* Balai Besar Pengkajian Pengembangan Teknologi Pertanian Badan Penelitian Dan Pengembangan Pertanian. Bogor
- Esposito, F., Nardone, A., Fasano, E., Triassi, M., dan Cirillo, T., 2017. *Determination of acrylamide levels in potato crisps and other snacks and exposure risk assessment through a Margin of Exposure approach. Food and Chemical Toxicology, 108, 249–256.* <https://doi.org/10.1016/j.fct.2017.08.006>.
- Estiasih, T., dan Ahmadi, K., 2009. *Teknologi Pengolahan Pangan.* Jakarta: Bumi Aksara.
- European Commission. 2013. *Commission recommendation on investigations into the levels of acrylamide in food. Official Journal; 50.*
- Ewa, N., Budryn, and Kula, J.. 2007. *The effect of roasting method on headspace composition of Robusta coffee bean aroma. Eur Food Res Technol.* 225: 9-19.
- Fabbri, A., Cevoli, C., Alessandrini, L., dan Romani, S., 2011. *Numerical modeling of heat and mass transfer during coffee roasting process. Journal of Food Engineering, 105, 264–269.* <https://doi.org/10.1016/j.jfoodeng.2011.02.030>
- Fadai, N. T., Melrose, J., Please, C. P., Schulman, A., dan Gorder, R. A., Van, 2017. *A heat and mass transfer study of coffee bean roasting. International Journal of Heat and Mass Transfer, 104, 787–799.*<https://doi.org/10.1016/j.ijheatmasstransfer.2016.08.083>

- Fadri, R. A., Sayuti, K., Nazir N, Suliansyah, I., 2020a. *Production Process and Quality Testing of Arabica Coffee Powder (Coffea arabica L) Solok Regency, West Sumatera. Journal Applied Agriculture Science and Technology*. Vol 4 No.1. DOI: 10.32530/jaast.v4i1.135.
- _____ 2020b. *Analisis of Kafein Levels in the Beverage of Roasted Arabica Coffee Balango in Bukik Apik with the Method of Spectroscopic*. *IOP Earth and Enviromental Science*.
- _____ 2020c. *Evaluation of the Defect Value and Taste of Arabica Cofee (Coffea arabica L) West Sumatera. CFP Proceeding IOP JPCS Part 4*.
- _____ 2020d. *Sensory Quality Profile of Minang Arabica Coffee Speciality. International Journal on Advanced Sience, Engineering and Information Technology*.
- Fakhrurrazi. 2009. *Analisa Perilaku Konsumen Terhadap Minuman Kopi pada Masyarakat Kota Banda Aceh*. Tesis. Universitas Gajah Mada: Yogyakarta.
- FAO dan WHO. 2002. *Health Implications of Acrylamide In Food: Report Of A Joint FAO/WHO Consultation; 2002: Jun 25-27; Geneva, Switzerland*. WHO Headquarters: 12-13.
- _____ 2004. *Fermentation of coffee control of operation (p. 10)*. Roma, Italia: Food and Agricultural Organization.
- Farah A., Dos Santos T.F., 2015. *The coffee plant and beans: An Introduc- tion. Coffee in health and disease prevention. Elsevier: The Nether- lands; pp. 5-10*.
- Farah, A.T., Paulis, L., Trugo, dan Martin. 2005. *Effect roasting on the formation chlogenic acid lactone in coffea. Journal Agricultural and Food Chemistry*. 53: 1505- 1513.
- _____ 2012. *Coffee Constituents. In Y-F Chu (Ed), Coffee : Emerging Health Effect and Disease Prevention (first Edit, pp 21-58) Wiley Blackwell Publishing Ltd. <https://doi.org/10.1002/9781119949893.ch2>*
- Franca, A.S., Oliveir L.S., Mendonc., A.J.C., Silva X.A., 2005. *Physical and chemical attribute sofdefecti vecrude and roasted coffe beans. Food Chemistry ; 90 (1-2): 89-94*
- Friedman M., 2003. *Chemistry, biochemistry and safety of acrylamide. A review. Jo,urnal of Agricultural and Food Chemistry 51:4504–4526*.
- Gandjar, I. G., dan Rohman, A., 2007. *Kimia Farmasi Analisis*. Yogyakarta: Pustaka Pelajar.
- Gimase, J. M., Thagana, W. M., Kirubi, D. T., Gichuru, E. K., dan Kathurima, C. W., 2014. *Beverage quality and biochemical attributes of arabusta coffee (C. arabica L. x C. canephora Pierre) and their parental genotypes. African Journal of Food Science, 8(9), 456-464*.
- Gökmen, V., dan Palazoğlu, T. K., 2008. *Acrylamide formation in foods during thermal processing with a focus on frying. Food and Bioprocess Technology, 1(1), 35–42. <https://doi.org/10.1007/s11947-007-0005-2>*.

- _____ dan Şenyuva, H. Z., 2006a. *A simplified approach for the kinetic characterization of acrylamide formation in fructose-asparagine model system. Food Additives and Contaminants*, 23(4), 348–354. <https://doi.org/10.1080/02652030500482355>.
- _____ 2006b. *Study of colour and acrylamide formation in coffee, wheat flour and potato chips during heating. Food Chem ; 99(2): 238-43.*
- Gonzalez R.O., 2007. *Impact of post-harvest processing on the volatile fraction of coffee beans: I. Green coffee. Journal of Food Composition and Analysis*, doi:10.1016/j.jfca.2006.07.009.
- Hadipernata, M., dan Nugraha, S., 2012. Identifikasi fisik, kimia dan mikrobiologi biji kopi luwak sebagai acuan teknologi proses kopi luwak artificial. *Prosiding Seminar Nasional Insentif Riset Sinas*. Hlm. 117-121.
- Hagmar, L., Törnqvist, M., Nordander, C., Rosén, I., Bruze, M., Kautiainen, A., Axmon, A., 2001. *Health effects of occupational exposure to acrylamide using hemoglobin adducts as biomarkers of internal dose. Scandinavian Journal of Work, Environment and Health*, 27(4), 219–226.
- Hamzalioglu A., dan Gokmen,V., 2020. 5-Hydroxymethyl furfural accumulation plays a critical role on acrylamide formation in coffee during roasting as confirmed by multi response kinetic modelling. *Food Chemistry: 318:126467*.<https://doi.org/10.1016/j.foodchem.2020.126467> PMID:32145542
- Harahap. 2006, Pembentukan Akrilamida Dalam Makanan dan Analisisnya. *Majalah Ilmu Kefarmasian* Vo. III No. 3.
- Hecimovic, I., Cvitanovic, A.B., Horzic, D., dan Komes, D., 2011. *Comparative study of polyphenols and caffeine in different coffee varieties affected by the degree of roasting. Food Chemistry. 129(3): 991 – 1000.*
- Hernandez, Heyd, Irlas, Valdovinos, dan Trystram. 2006. *Analysis of the Heat and Mass Transfer During Coffee Batch Roasting. Journal Food Engineering*, 78: 1141- 1148
- Hulupi, R., Sulistyowati, Mawardi, S., dan Ismayadi, C., 2005. Sifat fisiko kimia dan cita rasa beberapa varietas kopi Arabika. *Pelita Perkebunan*, 21, 200–222.
- Hoenicke K., Gaterman R., 2005. *Studies on the stability of acrylamide in food during storage. Journal of AOAC International* 88:268–273.
- Hogervorst, J. G. F., Van Den Brandt, P. A., Godschalk, R. W. L., van Schooten, F.-J., dan Schouten, L. J., 2016. *The influence of single nucleotide polymorphisms on the association between dietary acrylamide intake and endometrial cancer risk. Scientific Reports*, 6(1), 34902. <https://doi.org/10.1038/srep34902>.
- IARC., 1994. *Monographs on the evaluation of carcinogenic risks of chemicals to humans. ISO 18862:2016, Coffee and coffee products, Determination of acrylamide. Method using HPLC-MS/MS and GC-MS after derivatization.*

- Je, Y., 2015. *Dietary acrylamide intake and risk of endometrial cancer in prospective cohort studies*. *Archives of Gynecology and Obstetrics*, 291(6), 1395–1401. <https://doi.org/10.1007/s00404-014-3595-8>.
- Ingo L., Ternité Ruediger, Jochen W., Katrin H., Helmut G., Van Der Stegen G. H., 2018. *Studies on acrylamide levels in roasting, storage and brewing of coffee*. *Mol Nutr Food Res* 2006; 10(19); 50(11): 1039-1046.
- Kassambara, A., 2018. *Based Publication Ready Plots*. Retrieved from <https://cran.r-project.org/package=ggpubr>.
- Kathurima, C. W., Gichimu, B. M., Kenji, G. M., Muhoho, S. M., dan Boulanger, R., 2009. *Evaluation of beverage quality and biji kopi hijau physical characteristics of selected Arabica coffee genotypes in Kenya*. *African Journal of Food Science*, 3(11), 365–371.
- Kawamura S., 1983. In: Waller G.R., Feather MS (eds) *The Maillard Reaction in Foods and Nutrition*. ACS Symposium Series 215. American Chemical Society, Washington.
- Kendall, 2010, *Popcorn An All American snack*, <http://www.popcorn.org/int/fsf/popcorn-report.pdf>.
- Knopp S.E., Bytof G., Selmar D., 2006. *In Xuence of processing on the content of sugars in green Arabica coffee beans*. *Food Res Technology* 223:195–201
- Kustiyah, L., 1985. *Mempelajari Beberapa Karakteristik Kopi Bubuk dari Berbagai Jenis Cacat Biji Kopi*. Skripsi S1. Tidak Dipublikasikan. Fakultas Teknologi Pertanian. IPB, Bogor
- Lachenmeier, D. W., Schwarz, S., Teipel, J., Hegmanns, M., Kuballa, T., Walch, S. G., dan Breitling-Utzmann, C. M., 2019. *Potential antagonistic effects of acrylamide mitigation during coffee roasting on furfuryl alcohol, furan and 5- hydro- xymethylfurfural*. *Toxics*, 7(1), 1. <https://doi.org/10.3390/toxics7010001>.
- Laey W., De Meulenaer B., Huyghaert, Scippo M. L., Hoet P., dan Matthys C., 2016. *Reassess ment of theacrylamiderisk : Belgiumasacase-study*. *Food Control*. 1;59:628-35
- Lantz, I., Ternité, R., Wilkens, J., Hoenicke, K., Guenther, H., dan Van Der Stegen, G. H. D., 2006. *Studies on acrylamide levels in roasting, storage and brewing of coffee*. *Molecular Nutrition and Food Research*, 50(11), 1039–1046. <https://doi.org/10.1002/mnfr.200600069>.
- Leroy, T., Ribeyre, F., Bertrand, B., Charmetant, P., Dufour, M., Montagnon, C., Pot, D., 2006. *Genetics of coffee quality*. *Braz. J. Plant Physiol.*, 18(1): 229-242.
- Lin, C. C., 2010. *Approch of Improving Coffee Industry in Taiwan Promote quality of Coffee bean by fermentation*. *The journal of Internasional management Studies*5(1) ; 154-159.
- Lindsay, S., 1992. *High Performance Liquid Chromatography, 2nd Edition*.
- Lingle, T. R., dan Menon, S. N., 2017. *Cupping and Grading-Discovering Character and Quality*. *Dalam The Craft and Science of Coffee*, diedit oleh Folmer, B., Blank, I., Farah, A., Giulino, P., Sanders, D., dan Wille, C., 181 – 203. UK: Elsevier.

- Lingnert, H., Grivas, S., Jagerstad, M., Skog, K., Tornqvist, M., Aman, P., 2002. *Acrylamide in Food : Mechanisms of Formation and Influencing Factor during heating of foods*, *Scand. J. Nutr.*, Vol. 46
- Loomis, D., Guyton, K. Z., Grosse, Y., Lauby Secretan, B., El Ghissassi, F., Bouvard, V., Straif, K., 2016. *Carcinogenicity of drinking coffee, mate, and very hot beverages*. *Lancet Oncology*, 17(7), 877–878. [https://doi.org/10.1016/S1470-2045\(16\)30239-X](https://doi.org/10.1016/S1470-2045(16)30239-X).
- López, G. I., Fournier, N., Cid, C., dan Guichard, E., 2006. *Changes in headspace volatile concentrations of coffee brews caused by the roasting process and the brewing procedure*. *Journal of Agricultural and Food Chemistry*, 54(22), 8560–8566.
- Madiah, K. K., Zaibunnisa, A. H., Norashikin, S., Rozita, O., Misnawi, J., 2013. *Optimization roasting conditions for high-quality Arabica coffee*. *International Food Research Journal*; 20 (4)
- Marcone, M., 2004. *Competition and properties of Indonesian palm Civet coffee (kopi luwak) and ethiopian Civet coffee*. *Food Research International*. 37 (1): 901–912.
- Massini R., Nicoli M.C., Cassara` A., dan Lericci C. R., 1990 dalam Eggers R., dan Pietsch A., 2001. *Technology I: Roasting*. In R.J. Clarke and O.G. Vitzhum (ed.), *Coffee: Recent Developments*. Oxford: Blackwell Science, pp. 90–107.
- Mattháus, B., 2009. *Acrylamide Formation During Frying*. In: Sain, S., dan Sumnu, S. G., editors. "Advances in Deep Fat-Frying of Foods." CRC Press, 144, 151.
- Mawardi, S., 1999. Kopi spesialti sebagai alternatif pengembangan kopi di Indonesia. *Warta Puslit Koka*, 15(1), 28-40.
- _____ 1998. *Chemical composition of defective coffee beans*. *Food Chem* 64:547–554
- Mazzafera P., 1999. *Chemical composition of defective coffee beans*. *Food Chemistry* 64:547–554.
- Meilgard, M., Civille, G.V., dan Carr, B. T., 2006. *Sensory Evaluation Techniques* (Fourth). USA.
- Mesias, M., dan Morales, F. J., 2015. *Acrylamide in commercial potato crisps from Spanish market: Trends from 2004 to 2014 and assessment of the dietary exposure*. *Food and Chemical Toxicology*, 81, 104–110. <https://doi.org/10.1016/j.fct.2015.03.031>.
- _____ 2016. *Acrylamide in coffee: Estimation of exposure from vending machines*. *Journal of Food Composition and Analysis*, 48, 8–12. <https://doi.org/10.1016/j.jfca.2016.02.005>.
- Minamisawa, M, S., Yoshida dan Takai, N., 2004. *Determination of biologically active substances in roasted coffees using a diode-array HPLC system*. *Analytical Science*. 20: 325-328
- Mondello, L., F. Costa, P.Q., Tranchida, P., Dugo, M. L., Presti, S., Festa. A., Fazio, dan Dugo, G., 2005. *Reliable characterization Of Coffee Bean Aroma Profiles By automated Headspace Solid Phase Microextraction-Gas Chromatography-Mass Spectrometry With The support Of A Dual-Filter Mass Spectra Library*. *J. Sep.Sci*28: 1101-1109.

- Morales, F. J., dan Mesias M., 2015. *Analysis of Acrylamide in Coffee*. In: *Preedy VR, Ed. Coffee in Health and Disease Prevention*. Academic Press: San Diego; pp. 1013-21..
- Mottram, D. S., Wedzicha, B. L., Dodson, A.T., 2002. *Food chemistry : Acrylamide is formed in the Maillard reaction*. *Nature* 419:448–449.
- Mulato, Sri. 2002. Simposium Kopi 2002 dengan tema Mewujudkan perkopian Nasional Yang Tangguh melalui Diversifikasi Usaha Berwawasan Lingkungan dalam Pengembangan Industri Kopi Bubuk Skala Kecil Untuk Meningkatkan Nilai Tambah Usaha Tani Kopi Rakyat. Denpasar:Pusat Penelitian Kopi dan Kakao Indonesia.
- _____Martadinata. 2003. Cita rasa kopi biji dan bubuk dipasaran pada beberapa kabupaten di wilayah Jawa Timur. *Pelita Perkebunan*, 19: 39-54
- _____Widyotomo, S., dan Suharyanto, E., 2006. *Teknologi Proses dan Pengolahan Produk Primer dan Sekunder Kopi*. Jember: Pusat Penelitian Kopi dan Kakao.
- Murkovic, M., dan Derler, K., 2006. *Analysis of amino acids and carbohydrates in green coffee*. *Journal of Biochemical and Biophysical Methods*, 69, 25–32. <https://doi.org/10.1016/j.jbbm.2006.02.001>.
- Najiyanti, S., dan Damarti. 1997. *Budidaya dan Penanganan Lepas Panen*. Jakarta: Penebar Swadaya.
- _____2004. *Budidaya dan Penanganan Lepas Panen*. Jakarta : Penebar Swadaya.
- Nicoli, M.C., M. Anese, L., Manzocco dan C.R., Lerici. 1997. *Antioxidant Properties of Coffee Brews in Relation to the Roasting Degree*. *Lebensm.-Wiss. u.-Technol*, 30: 292–297.
- Nkondjock, A., 2009. *Coffee consumption and the risk of cancer : An overview*. *Cancer letters*, 277(2), 121–125. <https://doi.org/10.1016/j.canlet.2008.08.022>.
- Novita, E., Syarief, R., Noor, E., dan Mulato, S. 2010. Peningkatan mutu biji kopi rakyat dengan pengolahan semi basah berbasis produksi bersih. *Agrotek*, 4(1), 76–90.
- Nugroho, J. W. K., Lumbanbatu, J., Rahayoe, S., 2009. Pengaruh suhu dan lama penyangraian terhadap sifat fisik-mekanis biji kopi robusta. *Jurnal Bidang Teknik Produk Pertanian*. Seminar Nasional dan Gelar Teknologi PERTETA Peran Teknik Pertanian dalam Pengembangan Agroindustri Berbasis Bahan
- _____Mawardi, S., Yusianto, dan Arimersetiowati, R., 2011. Karakterisasi mutu fisik dan sensori biji kopi Arabika varietas Maragogip (*Coffea arabica* L. var. *Maragogyne Hort. ex. Froehner*) dan seleksi pohon induk di Jawa Timur. *Pelita Perkebunan*, 28, 1–13.
- _____Mawardi, S., 2012. *Enhancing arabica coffee cup taste profile by involving biological agents during fermentation process*. *Procidings of 24th ASIC International Conference on Coffee Science* (pp. 430– 437). San Jose, Costa Rica. November 11th–16th
- _____dan Anggoro, A. B., 2016. Validasi Metode Analisis Ciprofloksasin Menggunakan Kromatografi Cairan Berkinerja Tinggi. *Inovasi Teknik Kimia* 1 (1): 6-8

- Nursten, H. E., 2005. *The Maillard Reaction*. Royal Society of Chemistry, Cambridge.
- Oba, S., Nagata, C., Nakamura, K., Fujii, K., Kawachi, T., Takatsuka, N., dan Shimizu, H., 2010. *Consumption of Coffee, Green Tea, Oolong Tea, Black Tea, Chocolate Snacks and the Caffeine Content in Relation to Risk of Diabetic in Japanese men and Women*. *British Journal of Nutrition*, 103 (03), 453. <https://doi.org/10.1017/S0007114509991966>
- Otten, C., 2010. *Fase Fase pada Penyangraian Kopi*. Jakarta
- Pangabean, E., 2012. *Buku Pintar Kopi*. Jakarta: PT Wahyumedial.
- Pastoriza, S., Ruffian-Henares, J. A., Morales, F. J., 2012. *Reactivity of acrylamide with coffee melanoidin model systems*. *LWT-Food science and technology*, 45 (2):198-203
- Pissinatti, R., Nunes, C. M., de Souza, A. G., Junqueira, R. G., dan de Souza, S. V. C., 2015. *Simultaneous analysis of 10 polycyclic aromatic hydrocarbons in roasted coffee by isotope dilution gas chromatography-mass spectrometry: Optimization, in-house method validation and application to an exploratory study*. *Food Control*, 51, 140–148. <https://doi.org/10.1016/j.foodcont.2014.11.003>.
- Pittia, P., M. C., Nicoli dan Sacchetti, G., 2007. *Effect of Moisture and Water Activity on Textural Properties of Raw and Roasted Coffee Beans*. *Journal of Texture Studies*, 38: 116–134.
- Powers, S. J., Mottram, D. S., Curtis, A., Halford, N. G., Powers, S. J., Mottram, D. S., Halford, N. G., 2013. *Food additives dan contaminants: Part A Acrylamide concentrations in potato crisps in Europe from 2002 to 2011*. *Food Additives and Contaminants: Part A*, 30(9), 1493–1500. <https://doi.org/10.1080/19440049.2013.805439>.
- Prabowo, Hatta, M., Wibowo, A., dan Yuliani, F., 2012. *Identifikasi dan analisis akrilamida dalam kopi serbuk (tubruk) dan kopi instan dengan metode Kromatografi cair kinerja tinggi*. *Jurnal Ilmiah Farmasi*, 9 (1): 13–24.
- Prasetyo, D. 2009. *Analisis Pengaruh Produktivitas Sumber Daya Manusia Terhadap Produksi dan Mutu Kopi Bubuk Pada Industri Kopi Bubuk Skala Kecil di Bandar Lampung*. Tesis. Universitas Lampung. Bandar Lampung.
- Preedy, V. R., (Ed.), 2015. *Coffee in Health and Disease Prevention*. London: Academic Press.
- Pugajeva, I., Jaunbergs, J., dan Bartkevics, V., 2015. *Development of a sensitive method for the determination of acrylamide in coffee using high-performance liquid chromatography coupled to a hybrid quadrupole Orbitrap mass spectrometer*. *Food Additives and Contaminants. Part A, Chemistry, Analysis, Control, Exposure dan Risk Assessment*, 32(2), 170–179. <https://doi.org/10.1080/19440049.2014.1000979>.
- Puslitkoka. 2007. *Pengolahan biji kopi sekunder*. Leatlet. Pusat Penelitian kopi dan kakao Indonesia. Jember
- Rachmawati, T., 2010. *Pengaruh Penambahan Bahan Aditif Dalam Proses Pengolahan Kopi Bubuk dan Perubahan Mutunya Selama Penyimpanan*, Institut Pertanian Bogor

- Rahardjo, Pudji. 2012. *Kopi Panduan Budidaya dan Pengolahan Kopi Arabika dan Robusta*. Jakarta: Penebar Swadaya
- _____. 2013. *Kopi; Panduan Budi Daya dan Pengolahan Kopi Arabika dan Robusta*. Jakarta: Penebar Swadaya.
- _____. 2017. *Berkebun Kopi*. Jakarta: Penebar Swadaya.
- Rahmawati, N., 2015. *Aktivitas antioksidan dan total fenol teh herbal daun Pacar Air (Impatiens balsamina) dengan variasi lama fermentasi dan metode pengeringan*. (Skripsi), Universitas Muhammadiyah, Surakarta, Jawa Tengah.
- Ridwansyah. 2003. *Pengolahan Kopi*. Departemen Teknologi Pertanian. Fakultas Pertanian. Universitas Sumatera Utara. Medan.
- Rita, H., Marliah, A., dan Rosita, F., 2011. *Kajian tiga varietas dan dua Metode Fermentasi terhadap kualitas Biji Kopi Arabica (Coffea arabica L.) Gayo, Bener Meriah*. In *Prosiding Seminar nasional Perhimpunan Ahli Teknologi Pangan Indonesia (PATPI)*. Sumatera Utara.
- Saab, S., Mallam, D., Cox, G. A., dan Tong, M. J., 2014. *Impact of coffee on liver diseases: A systematic review*. *Liver International*, 34(4), 495–504. <https://doi.org/10.1111/liv.12304>.
- Sativa, O., Yuwana, dan Bonodikun. 2014. *Karakteristik sifat fisik buah kopi, biji kopi hijau, dan hasil olahan kopi rakyat di Desa Sindang Jati, Kabupaten Rejang Lebong*. *Jurnal Agroindustri*. 4(2): 65-77.
- Sari, Lusi, I., 2001. *Mempelajari Proses Pengolahan Kopi Bubuk (Coffea canephora) Alternatif dengan Menggunakan Suhu dan Tekanan Rendah*. Skripsi S1. Fakultas Teknologi Pertanian Institut Pertanian Bogor, Bogor.
- Sari, R. Y., 2018. *Pengaruh suhu dan lama penyangraian terhadap sifat fisik-mekanis biji kopi sangrai Robusta Pagar Alam, Sumatera Selatan*. Institut Pertanian Bogor.
- Saw, A. K. C., Yam, W. S., Wong, K. C., dan Lai, C. S., 2015. *A Comparative Study of the Volatile Constituents of Southeast Asian Coffea arabica, Coffea liberica and Coffea robusta Biji kopi hijau and their Antioxidant Activities*. *Journal of Essential Oil Bearing Plants*, 18(1), 64–73. <https://doi.org/10.1080/0972060X.2014.977580>.
- Scharnhop, H., dan Winterhalter, P., 2009. *Isolation of coffee diterpenes by means of high-speed countercurrent chromatography*. *Journal of Food Composition and Analysis*, 22(3), 233–237. <https://doi.org/10.1016/j.jfca.2008.10.018>.
- Seal, C. J., de Mul, A., Haverkort, A.J., Franke, K., Lalljie, S.P.D., Mykkanen, H., Reimerdes, E., Scholz, G., Somoza, V., Tuijtelaars, S., van Boekel, M., van Klaveren, J., Wilcockson, S.J., Wilms, L., 2008. *Risk-Benefit Considerations of Mitigation Measures on Acrylamide Content of Foods—A Case Study on Potatoes, Cereals and Coffee*, *Brit. J. Nutr.*
- Setiawan, V. W., Wilkens, L. R., Lu, S. C., Hernandez, B. Y., Le Marchand, L., dan Henderson, B. E., 2015. *Association of coffee intake with reduced incidence of liver cancer and*

death from chronic liver disease in the US multiethnic cohort. *Gastroenterology*, 148(1), 118–125. <https://doi.org/10.1053/j.gastro.2014.10.005>.

Sherfey, J. 2016. *How coffee processing affects the flavor in your cup, were your beans natural, washed, honey processed?* Vox Media.

Shi, Y., Wu, H., Wang, C., Guo, X., Du, J., dan Du, L., 2016. *Determination of polycyclic aromatic hydrocarbons in coffee and tea samples by magnetic solid-phase extraction coupled with HPLC-FLD*. *Food Chemistry*, 199, 75–80. <https://doi.org/10.1016/j.foodchem.2015.11.137>.

Singh, V., dan Singh, G., 2013. *Coffee: Process technology and health benefits*. *International Journal of Innovative Research dan Studies*, 2, 153–160.

Siswoputranto, P.S., 1992. *Kopi Internasional dan Indonesia*. Kanisius, Yogyakarta.

Sivertz, M., dan Elliot, H. F., 1963. *Coffee Processing Technology*. National Library of Australia Collection. Australia

_____ dan Foote, H. F., 1973. *Coffee Processing Technology*. Vol I. AVI Publ. Inc., Connecticut.

_____ dan Desrosier, N. W., 1979a. *Coffee Technology*. AVI Publ.Co.Westport, 637 p.

_____ 1979b. *Coffe technology*. *Proc 12th colloq.*1987,229-237

Snyder, L.R., dan Kirkland, J. J., 1979. *Introduction to Modern Liquid Chromatography (Edisi II)*. New York: A Jhon Willey dan Sons, Inc. Publication.

Soares, C. M., Alves, R. C., Oliveira, M. B. P., 2015. *Factors affecting acrylamide levels in coffee beverages*. In: *Preedy VR, Ed. Coffee in Health and Disease Prevention*. Elsevier: The Netherlands; pp. 217-24.

Specialty Coffee Association of America, 2014. *Recognizing Excellence in Brewed Coffee*.http://www.SCA.org/PDF/SCA_Certification_Req_Home_Brewer.pdf.

Stadler, R.H., dan Goldmann, T., 2008. *Acrylamide, Chloropropanols and Chloropropanols Esters, Furan*. In: *Picó, Y., editor. Food Contaminants and Residue Analysis. Comprehensive Analytical Chemistry Vol.51*. Oxford: Elsevier B.V., 705-706, 710-713.

_____ Blank, I., and Varga N., 2002. “*Acrylamide from Maillard reaction products*”. *Nature* 419 (6906): 449-50.

_____ Robert, F., Hau J., Guy, P. A., Robert, M. C., 2004. *In-depth mechanistic study on the formation of acryl- amide and others vinylogous compounds by the Maillard reaction*. *J Agric Food Chem* 52:5550–5558

Steiman, S., 2013. *What is Specialty Coffee?* In R.W. Thurston, J. Morris,dan S. Steiman(Eds.) *Coffee: A Comprehensive Guide to the Bean, the Beverage, and the Industry* (pp. 102-105). Rowman dan Littlefield Publishers.

- Sumartono, B., 2013. Pengenalan dan Metode Uji Organoleptik. Materi pelatihan Uji Sensori Kopi 19 – 21 Maret 2013. Pusat Penelitian Kopi dan Kakao Indonesia.
- Surma, M., Sadowska, R. A., Cieslik, E., Sznajder, K., 2017. *Optimization of Quechers sample preparation method for acrylamide level determination in coffee and coffee substitutes, microchemical journal*. 2017 Mar;131:98-102
- Tamat, S.R, Wikanta, T., Maulina, L. S., 2007. Aktivitas antioksidan dan toksisitas senyawa senyawa dari ekstrak rumput laut hijau *Ulva reticulata* Forsskal. *Jurnal Ilmu Kefarmasian Indonesia* 5(1):31-36.
- Tamilmani, P., dan Pandey, M. C., 2015. *Optimization and elaviation of phenolic coumpound and their antioxidant activity from coffee beans. International Journal of Advanced Research*. 3(4): 296–306.
- Taeymans, D., dan Wood, J.A., 2004. *Review of Acrylamide : An Industry Perspective on Research, Analysis, Formatton, dan Control. Crit. Rev. Food Sci. and Nutr*: 44 (5) : 323-347.
- Tareke, E., Rydberg, P., Karlsson, P., Eriksson, S., dan To, M., 2000. *Acrylamide A Cooking Carcinogen, Chemical Research in Toxicology*, 13(6), 517–522.
- _____. 2002. *Analysis of Acrylamide, a Carcinogen Formed in Heated Foodstuffs. Journal of Agricultural and Food Chemistry*, 50(17), 4998–5006. <https://doi.org/10.1021/jf020302f>.
- Taubert, D., Harlfinger, S., Henkes, L., Berkels, R., dan Schömig, E., (2004). *Influence of Processing Parameters on Acrylamide Formation during Frying of Potatoes. Journal of Agricultural and Food Chemistry*, 52(9), 2735–2739. <https://doi.org/10.1021/jf035417d>.
- Tejero, J., Biswas, A., Wang, Z. Q., 2008. *J Biol Chem* 283: 33498–33507
- Jia, M., Keutgen, N., Matsushashi, S., Mitzuniwa, C., Ito, T., Fujimura, T., Hashimoto, S., 2001. *Ion chromatographic analysis of selected free amino acids and cations to investigate the change of nitrogen metabolism by herbicide stress in soybean (Glycine max). J Agric Food Chem* 49:276–280
- Toci, A. T., dan Farah, A., 2014. *Volatile fingerprint of Brazilian defective coffee seeds: Corroboration of potential marker compounds and identification of new low quality indicators. Food Chemistry*, 153, 298–314. <https://doi.org/10.1016/j.foodchem.2013.12.040>.
- Toledo, P. R. A. B., Pezza, L., Pezza, H. R., dan Toci, A. T., 2016. *Relationship Between the Different Aspects Related to Coffee Quality and Their Volatile Compounds. Comprehensive Reviews in Food Science and Food Safety*, 15(4), 705–719. <https://doi.org/10.1111/1541-4337.12205>.
- Tornincasa, P., Furlan, M., Pallavicini, A., dan Graziosi, G., 2010. *Coffee species and varietal identification. In P. L. Nimis, dan R. Vignes Lebbe. (eds.) Tools for Identifying Biodiversity: Progress and Problems* (pp. 307-313). ISBN 978-88-8303295-0. EUT, 2010.

- Toxicokinetics and internal exposure of acrylamide: New insight into comprehensively profiling mercapturic acid metabolites as short-term biomarkers in rats and Chinese adolescents. Archives of Toxicology*, 91(5), 2107–2118. <https://doi.org/10.1007/s00204-016-1869-6>.
- Turp, R., 2016. *Washed, natural, honey: coffee processing 101. Perfect Daily Grind.com*.
- USDA. 2012. *PSD Online - Home. In: Production, Supply and Distribution Online*. <http://www.fas.usda.gov/psdonline/>
- Van Dam, R. M., dan Hu, F. B., 2005. *Coffee consumption and risk of type 2 Diabetes A systematic review. JAMA*, 294(1), 97–104. <https://doi.org/10.1001/jama.294.1.97>.
- Velmaïrougane, K., 2011. *Effect Of Wet Processing Methods and subsequent Soaking Of Coffee Under Different Organic Acid On Cup Quality. World Journal of Science and Technology I (7):32-38 ISSN:2231-2587*
- Wahyudi, T., 1992. Hasil Uji Kinerja Alat Pengukur Kadar Air Kopi Kakotester. *Pelita Perkebunan*. 23 (3): 129-141.
- Wang, N., dan Lim, L., 2012. *Fourier transform infrared and physicochemical analyses of roasted Coffee. J. Agric. Food Chem.*, 60, 5446–5453. <https://doi.org/10.1021/jf300348e>
- _____. 2016. *Investigation of CO₂ precursors in roasted coffee. Food Chemistry*. <https://doi.org/10.1016/j.foodchem.2016.09.095>
- Wang, H.Y., Qian, H., dan Yao, W.R., 2011. *Melanoidins produced by the Maillard reaction: Structure of biological activity. Food Chemistry*. 128: 573-584.
- Weiss, G., 2002. *Acrylamide in Food, Uncharted Territory, Science Wahington*. Vol. 297: 27
- Wenz, I. T., 2007. *European Union database of acrylamide level in food: update and critical review of data collection. Food additive and contaminants*;24 (sup1):5-12
- Wibowo, W., 1985. Evaluasi karakteristik berbagai jenis biji kopi cacat dan sifat organoleptik seduhannya. Skripsi. Fakultas Teknologi Pertanian, IPB. Bogor.
- Wickham, H., 2016. *Elegant Graphics for Data Analysis. Retrieved from* <https://ggplot2.tidyverse.org>.
- Widyatomo, S., Mulato, A., dan Soekarno. 2009. Kinerja Pengupas kulit buah kopi segar tipe silinder ganda horisontal. *Pelita Perkebunan*, 29 (1):55-75
- _____. Sukrisno, S., Mulato, H. K., Purwadaria dan Syarif, A. M., 2009. Karakteristik Proses Dekafeinasi Kopi Robusta dan Reaktor Kolom Tunggal Dengan Pelarut Etil Asetat. *Available from:* <http://www.isjd.pdiilipi.go.id>.
- Wilujeng. 2009. Pengaruh lama fermentasi kopi arabika dengan bakteri asam laktat terhadap mutu produk. *Journal of Chemistry UNESA*.

- _____. 2013. Pengaruh lama fermentasi kopi Arabika dengan Bakteri Asam Laktat terhadap Mutu Produk. *Journal of Chemistry UNESA*.
- Winarno, F. G., 1992. *Kimia Pangan dan Gizi*. Gramedia Pustaka Utama. Jakarta.
- Winjaya, F., Rivai, M., Purwanto, D., 2017. *Identification of cracking sound during coffee roasting using neuralnet- work*
- Yasuhara, A., Tanaka, Y., Hengel, M., dan Shibamoto, T., 2003. *Gas Chromatographic Investigation of Acrylamide Formation in Browning Model Systems. J. Agric. Food Chem., vol 51 : 4002-4003.*
- Yaylayan, V.A. dan Stadler, R.H., 2005. *Acrylamide formation in food: a mechanistic perspective. Journal of AOAC International. 88(1): 262–267.*
- _____. Wnorowski, A., dan Perez Locas, C. 2003. Why asparagine needs Carbohydrates to Generate Acrylamide. *Journal of Agricultural and Food Chemistry, Vol 51, pp. 1753–1757.*
- Yusdiali, W., Mursalim dan Tulliza, 2012. Pengaruh Suhu Dan Lama Penyangraian Terhadap Tingkat Kadar Air Dan Keasaman Kopi Robusta (*Coffea Robusta*). Teknologi Pertanian. Skripsi. Universitas Hasanuddin Makassar
- Yusianto, 1999. Pengolahan dan komposisi kimia biji kopi dan pengaruhnya terhadap sensori seduhan. *Warta Pusat penelitian Kopi dan Kakao, 15.190-202.*
- Xu, Y., Cui, B., Ran, R., Liu, Y., Chen, H., Kai, G., dan Shi, J. 2014. Risk assessment, formation, and mitigation of dietary acrylamide: Current status and future prospects. *Food and Chemical Toxicology, 69*. <https://doi.org/10.1016/j.fct.2014.03.037>.
- Zheng, G., Qiu, Y., Zhang, Q. F., dan Li, D., 2014. *Clorogenic Acid and Caffeine in Combination Inhibit Fat Accumulation by Regulating Hepatic Lipid Metabolism-Related Enzymes in Mice. The British Journal of Nutrition, 112 (6), 1034-1040. <https://doi.org/10.1017/S0007114514001652>*
- Zhang, Y., Kahl, Bizimungu, B., Lu, Z. X., 2018. *Effect soft blanching treatments on acrylamide, asparagine, reducing sugars and colour in potato chips. Journal of food science and technology. 1;55 (10):4028–41. <https://doi.org/10.1007/s13197-018-3329-1> PMID:30228401*