

6. DAFTAR PUSTAKA

- Abubakar, M. S. H., Siti N., dan Suherman. (2018). Pemanfaatan Kunyit (*Curcuma domestica* Val.) untuk Memurnikan Minyak Jelantah. *Jurnal Akademika Kim.* Vol. 7(1): 41-45. <http://jurnal.untad.ac.id/jurnal/index.php/JAK/article/view/10390>
- Agoes, G. (2007). *Teknologi Bahan Alam*. ITB Press: Bandung. <https://bit.ly/2KmXy7y>
- Akinci Z, Bayram I. (2003). Effects of poppy seed meal on egg production and hatching results in quail (*Coturnix coturnix japonica*). *Res Vet Sci* 2003;75:141–7. <https://www.sciencedirect.com/science/article/abs/pii/S0034528803000547>
- Akter, J., Md. Amzad H., Kensaku T., Md. Zahorul I., De-Xing H. (2018). Antioxidant activity of different species and varieties of turmeric (*Curcuma* spp): Isolation of active compounds. *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*. <https://www.sciencedirect.com/science/article/abs/pii/S1532045618301509>
- Alma, M.H., M. Ertas, S. Nitz and H. Kollmannsberger. (2007). Chemical composition and content of essential oil from the bud of cultivated Turkish clove (*Syzygium aromaticum* L.). *Bio Resources* 2(2) : 265-269. <https://bit.ly/3c0cIJH>
- Amarowicz, R., Naczki, M., and Shahidi F. (2000). Antioxidant Activity of Crude Tannins of Canola and Rapeseed Hulls, *JAOCS*. 77 : 957-61. <https://link.springer.com/article/10.1007/s11746-000-0151-0>
- Andarwulan, N., Wijaya, H., dan Cahyono, D.T. (1996). Aktivitas antioksidan dari daun sirih (*Piper betle* L). *Teknologi dan Industri Pangan*, 7, 29-30. <https://bit.ly/2FVWpBJ>
- Assunção, M., Haroldo F., Aldenir S., Cyro C. Jr., Telma F. (2009). Effects of Dietary Coconut Oil on the Biochemical and Anthropometric Profiles of Women Presenting Abdominal Obesity. *Lipids*. Vol. 44: 593-601. <https://bit.ly/3hDIe1y>
- Badan Pusat Statistik, [BPS]. 2016. *Statistik Tanaman Biofarmaka Indonesia 2016*. Retrieved September 22, 2018, from <https://www.bps.go.id/publication/2017/10/02/1680a8fab1c2d22f1e359b34/statistiktanaman-biofarmaka-indonesia-2016.html>
- Badan POM RI. (2013). *Peraturan Kepala Badan POM RI No. 38 Tahun 2013 Tentang Batas Maksimum Penggunaan Bahan Tambahan Pangan Antioksidan*. Badan POM RI., Jakarta. https://members.wto.org/crnattachments/2014/sps/IDN/14_0260_00_x.pdf
- Badan Standarisasi Nasional. (1992). *Mutu dan Cara Uji Minyak Kelapa*. SNI 01-2902-1992. Jakarta: Dewan Standardisasi Nasional. hlm. 1.

- Badan Standarisasi Nasional Indonesia. (2012). Minyak Goreng Sawit. SNI No 7709:2012. Badan Standarisasi Nasional. Jakarta. https://www.academia.edu/32307367/SNI_7709_2012_minyak_goreng_sawit
- Badan Standarisasi Nasional Indonesia. (2013). SNI No 3741:2013. Minyak Goreng. Badan Standarisasi Nasional. Jakarta. <http://sispk.bsn.go.id/SNI/DetailSNI/9013>
- Badryah, dan Agung R. (2018). Pemanfaatan Kunyit untuk Meningkatkan Kualitas Minyak Goreng Curah. Jurnal Teknik Industri dan Kimia. Vol. 1, No. 1. <https://ejournal-unipra.com/index.php/JTIK/article/download/59/66/137>
- Banerjee, A., Santinath G., Mahua G. (2013). Anti-oxidative Effect of Turmeric on Frying Characteristics of Soybean Oil. J Food Sci Technol. <https://europepmc.org/article/med/25745253>
- Benitez-Sánchez, P. L., Manuel L. C., Ramon A. (2003). A Comprehensive Study of Hazelnut Oil Composition with Comparisons to Other Vegetable Oils, Particularly Olive Oil. Eur Food Res Technol. Vol 218: 13-19. <https://link.springer.com/article/10.1007/s00217-003-0766-4#:~:text=The%20content%20of%20hydrocarbons%20in,higher%20than%20in%20olive%20oils.>
- Bhuiyan, M.Z., Jaripa B., Nemai C. N., and Farhana A. (2010). Constituents of the essential oil from leaves and buds of clove (*Syzygium caryophyllatum* L.). African Journal of Plant Science 4(11): 451-454. <https://bit.ly/3kQ3fYE>.
- Bimakra, M., Russly A. R., Farah S. T., Ali G., Jinap S., Azizah A. H., Md. Zaidul I. S. (2010). Comparisson of Different Extraction Methods for the Extraction of Major Bioactive Compounds from Spearmint (*Mentha spicata* L.) Leaves. Jurnal Food and Bioproducts Processing. Vol. 89(1): 67-72. <https://bit.ly/3lTrYwd>
- Bozan B, Temelli F. (2008). Chemical composition and oxidative stability of flax, safflower and poppy seed and seed oils. Bioresour Technol 2008;99:6354–9. <https://bit.ly/2HmsgMY>
- Buck, D.F.. 1991. Antioksidant. J. Smith (eds). Food Additive User's Handbook. Galsgow-UK: Blakie Academic & Profesional. <https://www.springer.com/gp/book/9781475752496>
- Bulan, R. 2004. Reaksi Asetilasi Eugenol dan Oksidasi Metil Iso Eugenol. <http://www.google.co.id/search?hl=id&q=reaksi+asetilasi+eugenol+dan+oksidasi+metil+eugenol&meta=&aq=f&oq>
- Chatterjee, D. and Paramita B. (2013). Comparative Evaluation of The Antioxidant Efficacy of Encapsulated and Un-Encapsulated Eugenol-Rich Clove Extract in Soybean Oil: Shelf-life an Frying Stability of Soybean Oil. Journal of Food Engineering 117 545-550. <https://www.sciencedirect.com/science/article/abs/pii/S0260877412005687>

- Chatzilazarou, A., Gartzis O., Lalas, S., Zoidis, E., and Tsaknis, J. 2006. Physicochemical Changes Of Olive Oil and Selected Vegetable Oil During Frying. *Journal Food Lipids* 13: 27-35. <https://bit.ly/2RFwz7T>
- deMan, J. M. (1999). *Principles of Food Chemistry*. 3rd Edition. Gaithersburg: Aspen Publisher, Inc. https://www.academia.edu/27799682/Principles_of_Food_Chemistry_Third_Edition
- Depkes RI. 2000. *Parameter Standar Umum Ekstrak Tumbuhan Obat*. Departemen Kesehatan Republik Indonesia. Jakarta. 9-11,16. https://www.academia.edu/10368669/Parameter_Standar_Umum_Ekstrak_Tumbuhan_Obat
- Direktorat Jenderal Perkebunan. (2018). *Statistik Perkebunan Indonesia Komoditas Cengkeh Tahun 2018-2020*. Sekretariat Direktorat Jenderal Perkebunan. <https://drive.google.com/file/d/1kYrsnc0NdtErZzQtWDapEpDu42-ES1OH/view>
- Dorman HJD, Kosar M, Kahlos K, Holm Y, Hiltunen, R. (2003). Antioxidant properties and composition of aqueous extracts from *Mentha* species, hybrids, varieties, and cultivars. *J Agric Food Chem* 2003;51:4563–4569. <https://pubmed.ncbi.nlm.nih.gov/14705878/>
- Dudonné, S., Xavier V., Philippe C., Marion W., and Jean-Michel M. (2009). Comparative Study of Antioxidant Properties and Total Phenolic Content of 30 Plant Extracts of Industrial Interest Using DPPH, ABTS, FRAP, SOD, and ORAC Assays. *Journal of Agricultural and Food Chemistry*, 57(5), 1768–1774. <https://pubmed.ncbi.nlm.nih.gov/19199445/>
- El-Maati, M. F. A., Samir A. M., Salah M. L., Ali M. A. A. G., Mohamed F. R. (2016). Phenolic extracts of clove (*Syzygium aromaticum*) with novel antioxidant and antibacterial activities. *European Journal of Integrative Medicine*, 8(4), 494–504. https://www.researchgate.net/publication/295848578_Phenolic_extract_of_clove_Syzygium_aromaticum_with_novel_antioxidant_and_antibacterial_activities
- El-Mesallamy, A. M. D., Mohamed E. G., Mohamed H. M. A. E. A., Ahmed A. (2012). Antioxidant, Antimicrobial Activities and Volatile Constituents of Clove Flower Buds Oil. *Journal of Essential Oil Bearing Plants*, 15(6), 900–907. <https://www.tandfonline.com/doi/abs/10.1080/0972060X.2012.10662592>
- Fauziah, Saifuddin S., Ulfah N. (2013). Analisis Kadar Asam Lemak Bebas dalam Gorengan dan Minyak Bekas Hasil Penggorengan Makanan jajanan di UNHAS. <https://core.ac.uk/download/pdf/25491007.pdf>

- Fowles, Ian A. (1998). Gas Chromatography Analytical Chemistry by Open Learning. John Wiley & Sons Ltd: Chichester. https://kimia.sarimutiara.ac.id/download/file/3358_Gas_Chromatography_Analytical_Chemistry_by_Open_Learning_by_Ian_A_Fowles.pdf
- Freitas, I. R., Marilia G. C., Mara L. R., Debora M. M. L., Neuza J. (2017). Effect of Grape Seed Extract (*Vitis labrusca* L.) on Soybean Oil Under Thermal Oxidation. Nutrition & Food Science. Vol. 47 Issue: 5, 610-622. <https://bit.ly/2ZFdQxn>
- Gopalan, B., Goto, M., Kodama, A. & Hirose, T. (2000). Supercritical carbon dioxide extraction of turmeric (*Curcuma longa*). Journal of Agricultural and Food Chemistry, 48, 2189–2192. https://www.researchgate.net/publication/12429662_Supercritical_Carbon_Dioxide_Extraction_of_Turmeric_Curcuma_longa
- Gordon MH J. Pokorny, N. Yanishlieve, M. Gordon. (2001). Antioxidants in Food. New York: CRC Press. https://books.google.co.id/books?id=zTgmJmNcRy0C&pg=PA71&hl=id&source=gbs_toc_r&cad=4#v=onepage&q&f=false
- Gordon MH. 1990. Measuring Antioksidan Activity. New York : CRC Press. https://www.researchgate.net/publication/266040268_Measuring_antioxidant_activity
- Gounder, D. K. & Jaganmohanrao L. (2012). Comparison of Chemical Composition and Antioxidant of Volatile Oil from Fresh, Dried, and Cured Turmeric (*Curcuma longa*) Rhizomes. Plantation Products, Spices and Flavour Technology, Central Food Technological Research Institute (Council of Scientific and Industrial Research), Mysore 570020, India. <https://www.sciencedirect.com/science/article/abs/pii/S0926669012000490>
- Gülçin, İ. (2011). Antioxidant Activity of Eugenol: A Structure-Activity Relationship Study. Journal of Medicinal Food 14 (9) 975 – 985. https://www.researchgate.net/publication/51109352_Antioxidant_Activity_of_Eugenol_A_Structure-Activity_Relationship_Study
- Gülçin, İ., I. Gungor S., Sukru B., Mahfuz E., O. Irfan K. (2004). Comparison of antioxidant activity of clove (*Eugenia caryophyllata* Thunb) buds and lavender (*Lavandula stoechas* L.). Food Chemistry, 87(3), 393–400. <https://www.sciencedirect.com/science/article/abs/pii/S0308814603006393>
- Halliwell, B. dan Gutteridge JMC. (2000). Free Radical in Biology and Medicine. New York: Oxford University Press. <https://global.oup.com/academic/product/free-radicals-in-biology-and-medicine-9780198717485?cc=cn&lang=en&>
- Halvorsen, B.L., Holte, K., Myhrstad, M.C.W., Barikmo, I., Hvattum, E., Remberg, S.F., Wold, A., Haffner, K., Bauger, H., Andersen, L., Moskaug, J., Jacobs, D.R.

- (2002). A Systematic Screening of Total Antioxidant in Dietary Plants. American Society for Nutritional Sci. pp.461-471. <https://pubmed.ncbi.nlm.nih.gov/11880572/>
- Hariyadi, P. 2010. Sepuluh Karakter Unggul Minyak Sawit. Artikel Info sawit. <https://www.scribd.com/doc/111531536/Sepuluh-Karakter-Minyak-Sawit>
- Heim KE, Taigliaferro AR, Bobilya DJ. (2002). Flavonoid antioxidants: chemistry, metabolism and structure–activity relationships. J Nutr Biochem 2002;13:572–584. <https://pubmed.ncbi.nlm.nih.gov/12550068/>
- Herlina, Ely A., Wiwik S. W., Nurhayati. (2017). Tingkat Kerusakan Minyak Kelapa Selama Penggorengan Vakum Berulang pada Pembuatan Ripe Banana Chips (RBC). Jurnal Agroteknologi. Vol. 11 No. 02. <https://jurnal.unej.ac.id/index.php/JAGT/article/view/6527/4746>
- Hidayat, M. A. (2005). Pengujian antiradikal bebas difenilpikril hidrazil (DPPH) ekstrak buah kenit (chrysophyllum cainito L.) dari daerah Jember. Jurnal Ilmu Dasar, 6(2), 110-114.
- Hildayani, T., 2013. Kandungan Zat Gizi Makro Dan Pengaruh Bumbu Terhadap Asam Lemak Bebas Per Porsi Coto Makassar. Undergraduate, Universitas Hasanuddin. https://www.academia.edu/27799682/Principles_of_Food_Chemistry_Third_Edition
- Hudson, Editor: Food Antioxidants. Elsevier Applied Science, London.
- Ilmi, I. M. B., Khomsan, A., Marliyati, S. A., 2015, Kualitas Minyak Goreng dan Produk Gorengan Selama Penggorengan di Rumah Tangga Indonesia, Jurnal Aplikasi Pangan, 4 (2): 61-65. http://journal.ift.or.id/files/426165%20Kualitas%20Minyak%20Goreng%20dan%20Produk%20Gorengan%20selama%20Penggorengan%20di%20Rumah%20Tangga%20Indonesia_0.pdf
- Indis, N.A. dan F. Kurniawan. (2016). Determination of Free Radical Scavenging Activity from Aqueous Extract of Curcuma mangga by DPPH Method. Journal of Physics: Conferences Series 710: 012043. https://www.researchgate.net/publication/301944976_Determination_of_free_radical_scavenging_activity_from_aqueous_extract_of_Curcuma_mangga_by_DPPH_method
- Jayanthi, P. dan Lalitha P. (2011). Reducing Power of The Solvent Extract of Eichornia crassipes (Mart.) Solms. International Journal Pharmacy and Pharmaceutical Sci. Vol. 3(3): 126-128. <https://innovareacademics.in/journal/ijpps/Vol3Suppl3/2155.pdf>

- Jayaprakasha, G. K., J. M. Rao. dan K. K. Sakariah. 2006. Antioxidant activities of curcumin, demethoxycurcumin and bisdemethoxycurcumin. Food Chemistry. 98:720-724. <https://bit.ly/35xqUZA>
- Jayaprakasha, G. K., J. M. Rao. dan K. K. Sakariah. 2005. Chemistry and biological activities of *C. longa*. Trends in Food Science and Technology. 16:533-548. https://www.academia.edu/9376946/Chemistry_and_biological_activities_of_C_longa
- Joseph, P.D. (1997). Molecular Toxicology. New York: Oxford University Press. <https://bit.ly/3hAMTRE>
- Karadeniz, f., Burdurlu, H.S., Koca, N., and Soyer, Y., 2005, Antioxidant Activity of Selected Fruits and Vegetables Grown in Turkey, Turk. J. Agric. For., 29, 297-303. <https://agris.fao.org/agris-search/search.do?recordID=TR2005000180>
- Kementrian Pertanian. (2016). Outlook Kelapa Sawit. Pusat Data dan Sistem Informasi Pertanian Sekretariat Jenderal. [http://perpustakaan.bappenas.go.id/lontar/file?file=digital/167005-\[Konten\]-Konten%20D1891.pdf](http://perpustakaan.bappenas.go.id/lontar/file?file=digital/167005-[Konten]-Konten%20D1891.pdf)
- Ketaren, S. (1996). *Pengantar Teknologi Minyak dan Lemak Pangan*. Jakarta: UI-Press.
- Kitchenham, B. (2004). Procedures for Performing Systematic Reviews. Eversleigh: Keele University. <https://www.semanticscholar.org/paper/Procedures-for-Performing-Systematic-Reviews-Kitchenham/29890a936639862f45cb9a987dd599dce9759bf5>
- Lampe, J.W. 1999. Health Effects of Vegetables and Fruit: Assessing Mechanisms of Action in Human Experimental Studies. The American Journal of Clinical Nutrition. 70 Suppl: 475S-490S. <https://pubmed.ncbi.nlm.nih.gov/10479220/>
- Lee, K.-Y., Gul, K., Kim, A.-N., Rahman, M. S., Lee, M. H., Kim, J. I., Choi, S.-G. (2019). Impact of supercritical carbon dioxide turmeric extract on the oxidative stability of perilla oil. International Journal of Food Science & Technology. https://www.researchgate.net/publication/334052320_Impact_of_supercritical_carbon_dioxide_turmeric_extract_on_the_oxidative_stability_of_perilla_oil
- Lenny, S. 2006. Senyawa Flavonoida, Fenil Propanoida dan Alkaloida. Makalah Seminar. Fakultas Matematika dan Ilmu Alam. Universitas Sumatera Utara. <http://repository.usu.ac.id/bitstream/handle/123456789/1842/06003489.pdf?sequence=1>
- Lestari, T., R. Ira. dan M. Siti. 2014. Pengaruh Metode dan Variasi Pelarut Ekstraksi terhadap Kadar Polifenolat Bunga Kecombrang (*Eclipta alata* (Jack) R.M.Sm). Jurnal Kesehatan Bakti Tunas Husada Vol 12, No. 1. https://ejurnal.stikes-bth.ac.id/index.php/P3M_JKBTH/article/download/68/68

- Maizura, M., Aminah, A., and Wan Aida, W. M. (2011). Total Phenolic Content and Antioxidant Activity of Kesum (*Polygonum minus*), Ginger (*Zingiber officinale*) and Turmeric (*Curcuma longa*) Extract. *International Food Research Journal*. Vol. 18: 529-534. [http://www.ifrj.upm.edu.my/18%20\(02\)%202011/\(9\)%20IFRJ-2010-082.pdf](http://www.ifrj.upm.edu.my/18%20(02)%202011/(9)%20IFRJ-2010-082.pdf)
- Mamuaja, C. F. (2017). *Lipida*. Unsrat Press. Manado. <http://repo.unsrat.ac.id/2031/>
- Manurung, N. M. Suaniti, dan K. G. Dharma P. S., P., Mipa, K. F., & Udayana, U. (2018). Perubahan Kualitas Minyak Goreng Akibat Lamanya Pemanasan. *Jurnal Kimia*, 12(1), 59–63. <https://ojs.unud.ac.id/index.php/jchem/article/view/37336>
- Marcelinda, A., Ahmad R., Prismawiryanti. (2016). Aktivitas Antioksidan Ekstrak Limbah Kulit Ari Biji Kopi (*Coffea sp*) Berdasarkan Tingkat Kepolaran Pelarut. *Online Jurnal of Natural Science*. Vol. 5(1):21-30. <http://jurnal.untad.ac.id/jurnal/index.php/ejurnalfmipa/article/download/5547/4324>
- Mardiyah, S. (2018). Efektivitas Penambahan Serbuk Kunyit terhadap Bilangan Peroksida dan Bilangan Asam Minyak Goreng Bekas Pakai. *Medical Technology and Public Health Journal*. Vol. 2, No. 1. <https://journal2.unusa.ac.id/index.php/MTPHJ/article/view/780>
- Molyneux, P. (2004). The Use of the Stable DPPH for Estimating Antioxidant Activity. *Journal of Science and Technology*, Vol. 26 (2): 211 – 219. <http://www.thaiscience.info/Journals/Article/SONG/10462423.pdf>
- Mubarak, S. (2017). Pengaruh Penyimpanan Minyak Jelantah terhadap Bilangan Peroksida. *Jurnal Ilmiah Kesehatan Iqra*. Vol. 5 (1). <https://stikesmu-sidrap.e-journal.id/JIKI/article/view/28/19>
- Muchtadi, D., Made A., Nurheni S. P.. (1993). *Metabolisme Zat Gizi*. Jakarta: Pustaka Sinar Harapan. <https://www.pustaka.ut.ac.id/lib/pang4223-metabolisme-zat-gizi-pangan/#tab-id-3>
- Mukai, K., Hideo G., Yoshimi H., Aiko T., Hidemitsu U. (2000). On the Antioxidant Mechanism of Curcumin: Classical Methods Are Needed to Determine Antioxidant Mechanism and Activity. *Organic Letters*. Vol. 2, No. 18. <https://pubmed.ncbi.nlm.nih.gov/10964379/>
- Mukhriani. (2014). Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif. *Jurnal Kesehatan*. Vol. 7, No. 2. <http://journal.uin-alauddin.ac.id/index.php/kesehatan/article/view/55>
- Mulyati, T. A., Fery E. P., Prima A. L. (2015). Pengaruh Lama Pemanasan terhadap Kualitas Minyak Goreng Kemasan Kelapa Sawit. *Jurnal Wiyata*. Vol. 2 No. 2. <https://ojs.iik.ac.id/index.php/wiyata/article/view/55>

- Nurdjannah, N. 2004. Diversifikasi penggunaan cengkeh. *Perspektif* 3(2) : 61-70.
<http://ejurnal.litbang.pertanian.go.id/index.php/psp/article/viewFile/5584/4759>
- Osawa T. (1994). Novel natural antioxidants for utilization in food and biological systems, in *Postharvest Biochemistry of Plant Food Materials in the Tropics*, ed. by Uritani, I., Garcia, V. V. and Mendoza, E. M., Japan Scientific Societies Press, Tokyo, 1994;pp. 241–251
[https://www.scirp.org/\(S\(lz5mqp453edsnp55rrgjt55\)\)/reference/ReferencesPapers.aspx?ReferenceID=2116384](https://www.scirp.org/(S(lz5mqp453edsnp55rrgjt55))/reference/ReferencesPapers.aspx?ReferenceID=2116384)
- Özcan, M. M., & Derya A. (2011). Antioxidant effect of essential oils of rosemary, clove and cinnamon on hazelnut and poppy oils. *Food Chemistry*, 129(1), 171–174.
<https://bit.ly/3cieztE>
- Özkal S G, Salgın U & Yener M E (2005). Super critical carbondioxide extraction of hazelnut oil. *Journal of Food Engineering* 69(2): 217-223.
<https://www.sciencedirect.com/science/article/abs/pii/S0260877404003681>
- Park, C. Y., Kyo-Yeon L., Khalid G., M. Shafiur R., Ah-Na K., Jiyeon C., Hyun-Jin K., Sung-Gil C. (2019). Phenolics and antioxidant activity of aqueous turmeric extracts as affected by heating temperature and time. *LWT – Food Science and Technology*. Vol. 105, 149-155. <https://bit.ly/3hwgX0R>
- Parwata, I.M.O.A., Wiwik S.R., dan Raditya Y. (2009). Isolasi dan Uji Antiradikal Bebas Minyak Atsiri pada Daun Sirih (*Piper betle*, Linn) secara Spektroskopi Ultra Violet-Tampak. *Jurnal Kimia*, Vol. 3 No. 1: 7 – 13. ISSN: 1907-9850.
<https://ojs.unud.ac.id/index.php/jchem/article/view/2737>
- Perry, A. & Hammond, N. (2002). Systematic Review: The Experience of a PhD Student. *Psychology Learning and Teaching*, 2(1), 32–35.
<https://journals.sagepub.com/doi/10.2304/plat.2002.2.1.32>
- Dyah, S.. (2009). Penambahan Kunyit sebagai Antioksidan Alami pada Minyak Goreng Curah. Jurusan Teknik Kimia Fakultas Teknologi Industri UPN”Veteran” Jawa Timur.
<http://www.e-jurnal.com/2013/10/penambahan-kunyit-sebagai-antioksidan.html>
- Pine, Stanley.H. (1988). *Kimia Organik 2*. Institut Teknologi Bandung. Bandung.
<https://www.pakteguh.com/2015/01/kimia-organik-karya-stanley-h-pine.html>
- Popuri, K. A. dan Pagala B. (2013). Extraction Of Curcumin From Turmeric Roots. *India : International Journal Of Innofative Research and Studies*.
<https://www.researchgate.net/file.PostFileLoader.html?id=54246744d5a3f2ab2f8b469e&assetKey=AS%3A273559857893418%401442233160841>
- Prakash, D., Suri S., Upadhyav G., Singh B. N. (2007). Total Phenol, Antioxidant, and Free Radical Scavenging Activities of Some Medicinal Plants. *Int J Food Sci Nutr*. Vol. 58 (1): 18-28.

<https://www.researchgate.net/publication/6406186> Total phenol antioxidant and free radical scavenging activities of some medicinal plants

- Pratiwi, L., Muhammad S.R., dan Nur H. (2016). Ekstraksi Minyak Atsiri dari Bunga Cengkeh dengan Pelarut Etanol dan N-Heksana. The 3rd University Research Colloquium ISSN 2407-9189. <https://publikasiilmiah.ums.ac.id/bitstream/handle/11617/6837/74.%20Luluk%20Pratiwi%2C%20Muhammad%20Saifur%20Rachman%2C%20Nur%20idayati.pdf?sequence=1&isAllowed=y>
- Rachman, F., Emelia D. L., Harumi H., Partomuan S. (2008). Aktivitas Antioksidan Ekstrak Tunggal dan Kombinasinya dari Tanaman Curcuma spp. Jurnal Ilmu Kefarmasian Indonesia. Vol. 6, No. 2, hal 69-74. <http://jifi.farmasi.univpancasila.ac.id/index.php/jifi/article/view/401>
- Radünz, M., Maria L. M. T., Taiane M. C., André L. R., Caroline D. B., Eliezer A. G., Elizabete H. (2018). Antimicrobial and antioxidant activity of unencapsulated and encapsulated clove (*Syzygium aromaticum*, L.) essential oil. Food Chemistry. <https://www.sciencedirect.com/science/article/abs/pii/S0308814618317588>
- Rahardjo & Rostiana. (2005). Budidaya tanaman kunyit. Badan Penelitian dan Pengembangan Pertanian Balai Peneliti Tanaman Obat dan Aromatika, 11, 1-7. <https://adoc.pub/budidaya-tanaman-kunyit.html>
- Raharjo, S., 2006. Kerusakan Oksidatif pada Makanan. Gadjah Mada University Press. Yogyakarta.
- Rohaman, M. M., Solechan, Derris T., dan Ign. Soeharto. (1998). Penggunaan Antioksidan Alami pada Minyak Kelapa. Warta IHP.J. of Agro-based Industry. Vol. 15, No. 1-2, hal 49-56. <http://ejournal.kemenperin.go.id/ihp/article/download/2459/1899>
- Sayuti, K. dan Yenrina, R. 2015. Antioksidan, Alami dan Sintetik. Andalas University Press: Padang. Indonesia. <http://repository.unand.ac.id/23714/>
- Shalaby, E.A., and Shanab, S.M.M. 2013. Antioxidant Compounds, Assays of Determination and Mode of Action. AJPP. 7(10). pp.535-537. https://academicjournals.org/article/article1380812855_Shaby%20and%20Shanab.pdf
- Shan, B., Yizhong Z. C., Mei S., and Harold C. (2005). Antioxidant Capacity of 26 Spice Extracts and Characterization of Their Phenolic Constituents. Journal of Agricultural and Food Chemistry, 53(20), 7749–7759. <https://pubs.acs.org/doi/10.1021/jf051513y>
- Singh, G., Sadhna A., Satish K. (2010). Effect of Mechanical Drying Air Conditions on Quality of Turmeric Powder. J Food Sci Technol. Vol. 47(3): 347-350.

<https://www.researchgate.net/publication/236189237> Effect of mechanical drying air conditions on quality of turmeric powder

- St-Onge, M., and Peter J. H. Jones. (2002). Physiological Effects of Medium-Chain Triglycerides: Potential Agents in the Prevention of Obesity. American Society for Nutritional Science. <https://academic.oup.com/jn/article/132/3/329/4687297>
- Strayer, D., Belcher, M., Fine, J., & Mcbrayer, T. (2006). Food Fats (9th ed.). Washington: Institute of Shortening and Edible Oils, Inc. <http://www.iseo.org/httpdocs/FoodFatsOils2016.pdf>
- Su, H.C.F., R. Horvat and G. Jilani. 1982. Isolation, purification, and characterization of insect repellents from *Curcuma longa* L. .I. Agric. Food Chern. 30: 290-292. <https://pubs.acs.org/doi/abs/10.1021/jf00110a018>
- Suparmajid, A. H., Sri M. S., dan Ratman. (2016). Pengaruh Lama Penyimpanan Rimpang Kunyit (*Curcuma domestica* Val.) terhadap Daya Hambat Antioksidan. Jurnal Akademika Kim. Vol. 5 (1): 1-7. <https://www.neliti.com/publications/224141/pengaruh-lama-penyimpanan-rimpang-kunyit-curcuma-domestica-vahl-terhadap-daya-ha>
- Sutiah, K., Sofjan F. & Budi, W. S. 2008. Studi Kualitas Minyak Goreng Dengan Parameter Viskositas Dan Indeks Bias. Berkala Fisika. Vol. 11, No. 2:53-58 https://ejournal.undip.ac.id/index.php/berkala_fisika/article/view/2981
- Syah, A. N. (2005). *Virgin Coconut Oil: Minyak Penakluk Aneka Penyakit*. AgroMedia Pustaka: Jakarta. <https://bit.ly/32NL0No>
- Teow, CC, Truong VD, McFeeters RF, Thompson RL, Pecota KV, & Yencho GC, 2007. Antioxidant Activities, Phenolic and β -Carotene Contents of Sweet Potato Genotypes with Varying Flesh Colours. Food Chemistry; 103: 829–838. <https://www.sciencedirect.com/science/article/abs/pii/S0308814606007564>
- Tinello, F & Anna L. (2020). Accelerated Storage Conditions Effect on Ginger- and Turmeric-enriched Soybean Oils with Comparing a Synthetic Antioxidant BHT. LWT – Food Science and Technology: Elsevier Ltd. <https://www.sciencedirect.com/science/article/pii/S0023643820307866>
- Tinello, F., Lante, A., Bernardi, M., Cappiello, F., Galgano, F., Caruso, M. C., & Favati, F. (2018). Comparison of OXITEST and RANCIMAT methods to evaluate the oxidative stability in frying oils. European Food Research and Technology, 244(4), 747–755. <https://link.springer.com/article/10.1007/s00217-017-2995-y?shared-article-renderer>
- US EPA. 2008. Clove Oil (Eugenol), Marin Municipal Water District Vegetation Management Plan, Herbicide Risk Assessment. <http://www.epa.gov>.

- Vanin, A. B., Tainara O., Suelen P. P., Bruna M. S. P., Rogerio L. C., Debora O., & Natalia P. (2014). Antimicrobial and Antioxidant Activities of Clove Essential Oil and Eugenyl Acetate Produced by Enzymatic Esterification. *Applied Biochemistry and Biotechnology*, 174(4), 1286–1298. <https://link.springer.com/article/10.1007/s12010-014-1113-x>
- Verzar-Petri, G., Then, M. and Meszaros, S. (1985). Formation of essential oil in clary sage under different conditions. *Proceedings of the 15th International Symposium on Essential Oils*, Svendsen, A.B. and Scheffer, J.J.C. (eds.). Martinus Nijhoff/Dr W. Junk Publishers, Boston. 1921. https://link.springer.com/chapter/10.1007/978-94-009-5137-2_22
- Wahyuni, L.. 2000. Mempelajari Pengaruh Suhu, Waktu dan Tekanan Pengempaan Terhadap Rendemen dan Mutu Minyak Kulit Biji Mete. ITB. Bogor. <https://media.neliti.com/media/publications/143140-ID-none.pdf>
- Wahyuningtyas, S.E.P., I Dewa G. M. P., A. A. I. Sri W. (2017). Pengaruh Jenis Pelarut terhadap Kandungan Senyawa Kurkumin dan Aktivitas Antioksidan Ekstrak Kunyit (*Curcuma domestica* Val.). *Jurnal ITEPA* Vol. 6 No. 2. <https://ojs.unud.ac.id/index.php/itepa/article/view/36950>
- WBI Evaluation Group. (2007). Fishbone Diagrams. [online]. Tersedia: <http://siteresources.worldbank.org/WBI/Resources/213798-1194538727144/9Final-Fishbone.pdf>
- Widodo, H., Lisa A., Solihatun, Mohamad P., Amaliah A. (2020). Pemanfaatan Minyak Cengkeh sebagai Antioksidan Alami untuk Menurunkan Bilangan Peroksida pada Produk Minyak Goreng. *Jurnal Penelitian dan Karya Ilmiah Lembaga Penelitian Universitas Trisakti*. Vol. 5, No. 1. <https://trijurnal.llemlit.trisakti.ac.id/lemlit/article/view/6432>
- Winarno, F.G. 2004. *Kimia Pangan dan Gizi*. Gramedia Pustaka Utama. Jakarta. <https://pdf.wecabrio.com/kimia-pangan-dan-gizi-winarno-ebook.pdf>
- Winarsi, H. 2007. *Antioksidan Alami dan Radikal Bebas*. Kanisius: Yogyakarta. Indonesia. <https://books.google.co.id/books?id=AIC1KQ2Oaj0C&printsec=copyright#v=onepage&q&f=false>
- Winarti, S. 2010. *Makanan Fungsional*. Yogyakarta: Graha Ilmu. <http://eprints.upnjatim.ac.id/7753/1/cvr-makanan-fungsional-sri.pdf>
- Winarto, W.P. 2004. *Khasiat & Manfaat Kunyit*. AgroMedia Pustaka: Jakarta. <https://books.google.co.id/books?id=IQUZ5Hc1xogC&printsec=frontcover&hl=id#v=onepage&q&f=false>