

REFERENCES

- Ahmed, M., Pickova, J., Ahmad, T., Liaquat, M., Farid, A., Jahangir, M. (2016). Oxidation of lipids in foods. *Sarhad Journal of Agriculture*, 32(3), 230.
- Almeida, D. T. de., Curvelo, F. M., Costa, M. M., Viana, T. V., & Lima, P. C. de. (2017). Oxidative stability of crude palm oil after deep frying akara (Fried Bean Paste). *Food Science and Technology, Campinas*, 38(1), 142-147.
- Almeida, D. T. de., Viana, T. V., Costa, M. M., Silvia, C. de S., & Feitosa, S. (2019). Effects of different storage conditions on the oxidative stability of crude and refined palm oil, olein and stearin (*Elaeis guineensis*). *Food Science and Technology*, 39, 211–217.
<https://doi.org/10.1590/fst.43317>
- Ananingsih, V. K., Sharma, A., & Zhou, W. (2013). Green tea catechins during food processing and storage: A review on stability and detection. *Food Research International*, 50(2), 469-479.
<https://doi.org/10.1016/j.foodres.2011.03.004>
- André, C., Castanheira, I., Cruz, J., Paseiro, P., & Sanches-Silva, A. (2010). Analytical strategies to evaluate antioxidants in food: A review. *Trends in Food Science & Technology*, 21(5), 229-246. <https://doi.org/10.1016/j.tifs.2009.12.003>
- Ban, L., Patel, N., & Schroeder, W. (2016). Identification of ingredients for stabilizing frying oil through a new screening method. *Journal of American Oil Chemists' Society*, 93, 1183–1190.
- BPOM RI. Peraturan Badan Pengawas Obat dan Makanan Republik Indonesia No. 34 Tahun 2019 Tentang Kategori Pangan.
- Broncano J, Petrón M, Parra V, Timón M. (2009). Effect of different cooking methods on lipid oxidation and formation of free cholesterol oxidation products (COPs) in *Latissimus dorsi* muscle of Iberian pigs. *Meat Sci.* 83(3): 431–37.

Budijanto, S., & Sitanggang, A. B. (2016). Kajian Kemanan Pangan dan Kesehatan Minyak Goreng.

Pangan media komunikasi dan informasi, 19(4), 295-397.

<https://doi.org/10.33964/jp.v19i4.165>

Budry, G., Żyżelewicz, D., Nebesny, E., Oracz, J., & Krysiak, W. (2012). Influence of addition of green tea and green coffee extracts on the properties of fine yeast pastry fried products. *Food Research International*, 50(1), 149-160. <https://doi.org/10.1016/j.foodres.2012.10.006>

Chammem, N., Saoudi, S., Sifaoui, I., Sifi, S., De Person, M., Abderraba, M., Moussa, F., & Hamdi, M. (2015). Improvement of vegetable oils quality in frying conditions by adding rosemary extract. *Industrial Crops and Products*, 74, 592-599.

<https://doi.org/10.1016/j.indcrop.2015.05.054>

Dasgupta, A., & Klein, K. (2013). Methods for Measuring Oxidative Stress in the Laboratory. *Antioxidants in Food, Vitamins and Supplements*, 19-40.

<https://doi.org/10.1016/B978-0-12-405872-9.00002-1>

Frank, N. E. G., Albert, M. M. E., Laverdure, D. E. E., & Paul, K. (2011). Assessment of the quality of crude palm oil from smallholders in Cameroon. *Journal of Stored Products and Postharvest Research*, 2, 52-58.

Gadkari, P. V., Shashidhar, M., & Balaraman, M. (2017). Delivery of green tea catechins through Oil-in-Water (O/W) nanoemulsion and assessment of storage stability. *Journal of Food Engineering*, 199, 65-76. <https://doi.org/10.1016/j.jfoodeng.2016.12.009>

Gilbraith, W. E., Carter, J. C., Adams, K. L., Booksh, K. S., & Ottaway, J. M. (2021). Improving Prediction of Peroxide Value of Edible Oils Using Regularized Regression Models. *Molecules*, 26(23). <https://doi.org/10.3390/molecules26237281>

Grzesik, M., Naparł, K., Bartosz, G., & Sadowska-Bartosz, I. (2018). Antioxidant properties of catechins: Comparison with other antioxidants. *Food Chemistry*, 241, 480-492. <https://doi.org/10.1016/j.foodchem.2017.08.117>

- Jakubczyk, K., Kochman, J., Kwiatkowska, A., Kałduńska, J., Dec, K., Kawczuga, D., & Janda, K. (2020). Antioxidant Properties and Nutritional Composition of Matcha Green Tea. *Foods*, 9(4), 483. <https://doi.org/10.3390/foods9040483>
- Johnson, D. R., & Decker, E. A. (2015). The Role of Oxygen in Lipid Oxidation Reactions: A Review. *Annual review of food science and technology*, 6, 171-190. <https://doi.org/10.1146/annurev-food-022814-015532>
- Juneja, L.R., Kapoor, M.P., Okubo, T., & Rao, T. (2013). Green Tea Polyphenols. Nutraceuticals of Modern Life 1. <https://doi.org/10.1201/b14878>
- Lee, L., Kim, S., Kim, Y., & Kim, Y. (2014). Quantitative Analysis of Major Constituents in Green Tea with Different Plucking Periods and Their Antioxidant Activity. *Molecules*, 19(7), 9173-9186. <https://doi.org/10.3390/molecules19079173>
- Khan, N., & Mukhtar, H. (2018). Tea Polyphenols in Promotion of Human Health. *Nutrients*, 11(1), 39. <https://doi.org/10.3390/nu11010039>
- Nor Mahiran, S. N. S., Abd Kadir, N. H., Maulidiani, M., Tengku Mohamad, T. R., Gooderham, N. J., & Alam, M. (2023). Multivariate modelling analysis for prediction of glycidyl esters and 3-monochloropropane-1,2-diol (3-MCPD) formation in periodically heated palm oil. *Helijon*, 9 (10), e20413. <https://doi.org/10.1016/j.heliyon.2023.e20413>
- Matthäus B. 2010. Oxidation of edible oils. In *Oxidation in Foods and Beverages and Antioxidant Applications*, 2, 183–238. Philadelphia: Woodhead.
- Musial, C. (2019). Beneficial Properties of Green Tea Catechins. *International Journal of Molecular Sciences*, 21(5), 1744. <https://doi.org/10.3390/ijms21051744>
- Mustafa, F. A. (2011). Effects of green tea extract on color and lipid oxidation in ground beef meat. *Journal Tikrit Univ. for Agri. Sci.*, 13(1).

- Oboh, G., Falade, A. O., Ademiluyi, A. O. (2014). Effect of thermal oxidation on the physico-chemical properties, malondialdehyde, and carotenoid contents of palm oil. *La rivista italiana delle sostanze grasse grasse*, 91.
- Pillai, P. K., Li, S., Bouzidi, L., & Narine, S. S. (2016). Metathesized palm oil & novel polyol derivatives: Structure, chemical composition and physical properties. *Industrial Crops and Products*, 84, 205-223. <https://doi.org/10.1016/j.indcrop.2016.02.008>
- Santos C, Cruz R, Cunha S, Casal S. (2013). Effect of cooking on olive oil quality attributes. *Food Res. Int.* 54(2): 2016–24
- Senanayake, S. P. J. N. (2013). Green tea extract: Chemistry, antioxidant properties and food applications – A review. *Journal of Functional Foods*, 5(4), 1529-1541. <https://doi.org/10.1016/j.jff.2013.08.011>
- Shahidi, F. (2014). Antioxidants: Principles and applications. *Handbook of Antioxidants for Food Preservation*, 1-14. <https://doi.org/10.1016/B978-1-78242-089-7.00001-4>
- Shahidi, F., & Zhong, Y. (2011). Revisiting the polar paradox theory: a critical overview. *Journal of agricultural and food chemistry*, 59(8), 3499–3504. <https://doi.org/10.1021/jf104750m>
- Shen, Y., Ankolekar, C., & Ban, L. (2020). Comparison of Oil Soluble Green Tea Extract with Common Antioxidative Ingredients in Bulk Oil under Different Storage Conditions. *Journal of the American Oil Chemists' Society*, 98(1), 65-72. <https://doi.org/10.1002/aocs.12444>
- Stinco, C. M., Pumilia, G., Giuffrida, D., Dugo, G., Meléndez-Martínez, A. J., & Vicario, I. M. (2019). Bioaccessibility of carotenoids, vitamin A and α-tocopherol, from commercial milk-fruit juice beverages: Contribution to the recommended daily intake. *Journal of Food Composition and Analysis*. doi:10.1016/j.jfca.2019.01.019
- Taghvaei, M., & Jafari, S. M. (2015). Application and stability of natural antioxidants in edible oils in order to substitute synthetic additives. *Journal of food science and technology*, 52(3), 1272–1282. <https://doi.org/10.1007/s13197-013-1080-1>

Tan, H., Ariffin, A. A., Ghazali, H. M., Tan, P., Kuntom, A., & Cheng-Yong Choo, A. (2017). Changes in oxidation indices and minor components of low free fatty acid and freshly extracted crude palm oils under two different storage conditions. *Journal of Food Science and Technology*, 54(7), 1757-1764. <https://doi.org/10.1007/s13197-017-2569-9>

Zeb, A., & Ullah, F. (2016). A Simple Spectrophotometric Method for the Determination of Thiobarbituric Acid Reactive Substances in Fried Fast Foods. *Journal of Analytical Methods in Chemistry*, 2016. <https://doi.org/10.1155/2016/941276>