

DAFTAR PUSTAKA

1. Hanif A. Sebaran Stroberi (*Fragaria x ananassa*) di Indonesia. Prosiding Seminar Nasional Pekan Inovasi Teknologi Hortikultura Nasional : Penerapan Inovasi Teknologi Hortikultura dalam Mendukung Pembangunan Hortikultura yang Berdaya Saing dan Berbasis Sumber Daya Genetik Lokal, Lembang, 5 Juli, 2012.
2. Dhole AR, Mohite SK, Magdum CS. Pharmacognostical Evaluation of *Fragaria vesca* linn leaf. *International Journal of Phytopharmacy*. 2014;4(4):117–9.
3. Gan J, Feng Y, He Z, Li X, Zhang H. Correlations between Antioxidant Activity and Alkaloids and Phenols of Maca (*Lepidium meyenii*). *Hindawi Journal of Food Quality*. 2017;2017.
4. Dharma HS. Peranan Antioksidan Endogen dan Eksogen terhadap Kesehatan. *Kalbemed*. 2012;39(10):793–4.
5. Bouayed J, Bohn T. Exogenous antioxidants — Double-edged swords in cellular redox state Health beneficial effects at physiologic doses versus deleterious effects at high doses. 2010;3(4):228–37.
6. Mishra R, Bisht SS. Antioxidants and their charecterization. *J Pharm Res* 2011,4(8),2744-46.
7. Ayala A, Muñoz MF, Argüelles S. Lipid peroxidation: Production, metabolism, and signaling mechanisms of malondialdehyde and 4-hydroxy-2-nonenal. *Hindawi Oxidative Medicine and Cellular Longevity*. 2014;2014.
8. Li S, Tan H, Wang N, Zhang Z, Lao L, Wong C, et al. The Role of Oxidative Stress and Antioxidants in Liver Diseases. *Intl Jour Mol Sciences*. 2015;November:26087–124.
9. Heffner JE. The Story of Oxygen. 50th Respir CARE J Conf “Oxygen,.” 2013;58.
10. Lieberman M, Marks AD, Peet A. Marks’ Basic Medical Biochemistry: A Clinical Approach, Fourth Edition. Fourth Edi. Vol. 53, *Journal of Chemical Information and Modeling*. Baltimore: Lippincott Williams & Wilkins, a Wolters Kluwer; 2013.
11. Ioja S, Singamsetty S, Corey C, Guo L, Shah F, Jurczak MJ, et al. Nocturnal Hypoxia Improves Glucose Disposal , Decreases Mitochondrial Efficiency , and Increases Reactive Oxygen Species in the Muscle and Liver of C57BL / 6J Mice Independent of Weight Change. *Hindawi Oxi Med and Cell Longe*. 2018;2018.
12. Kumar H, Choi D. Hypoxia Inducible Factor Pathway and Physiological Adaptation : A Cell Survival Pathway. *Hindawi Media of Inflan* 2015;2015.
13. Herawati M, Wardaya, Mulyawan W, Farhan FS, Ferdinal F, Jusman SWA, et al. Expression of Hypoxia-Inducible Factor-1 α and Myoglobin in Rat Heart as Adaptive Response to Intermittent Hypobaric Hypoxia Exposure. *Hayati J Biosci*. 2017;24(3):131–5.
14. MCGarry T, Binniecka M, Veale DJ, Fearon U. Hypoxia, Oxidative Stress and Inflammation. *Free Radical Biology and Medicine*. 2018;125(3):15–24.
15. Buonocore G, Tataranno ML. Oxygen toxicity : chemistry and biology of

- reactive oxygen species. Elsevier Journal in Fetal & Neonatal Medicine 2010;15:186–90.
16. Hagen T. Oxygen versus Reactive Oxygen in the Regulation of HIF-1 α . Hindawi Biochemistry Research Intl. 2012;2012.
 17. Poljsak B, Šuput D, Milisav I. Achieving the Balance between ROS and Antioxidants : When to Use the Synthetic Antioxidants. Hindawi Oxidate Medicine and Cellular Longevity. 2013;2013.
 18. Singh Z, Kaur R. Use of Malondialdehyde as a Biomarker for Assessing Oxidative Stress in Different Disease Pathologies : a Review. Iranian Journal of Public Health. 2014;November.
 19. Sherwood L. Introduction to Human Physiology 8th Edition. CA :Cengage Learning; 2013.
 20. Hall JE, Guyton AC. Guyton and Hall Textbook of Medical Physiology 13rd Edition. Philadelphia, PA : Saunders Elsevier; 2016.
 21. Najda A, Dyduch J, Gantner M, Klimek K. The Content of Secondary Metabolites and Antioxidant Activity of Wild Strawberry Fruit (*Fragaria vesca* L .). J Anal Methods Chem. 2015;2015.
 22. Federer WT. Experimental Design: Theory and Application. Oxford & IBH Publishing Company; 1967.
 23. Tiwari, P., Kumar, B., Mandeep, K., Kaur, G., & Kaur H. Phytochemical screening and Extraction: A Review. Int Pharm Sci. 2011;1(1):98–106.
 24. Rajesh KD, Vasantha S, Rajesh NV, Panneerselvam A. Qualitative and quantitative phytochemical analysis in four pteridophytes. Int J Pharm Sci Rev Res. 2014;27(2):408–12.
 25. Yin NGS, Abdullah S, Phin CK. Phytochemical Constituents From Leaves of *Elaeis Guineensis* and Their. International Journal of Pharmacy and Pharmaceutical Sciences. 2013;12(5).
 26. Sanjeev S, K. RR. Qualitative and Quantitative Phytochemical analysis and Dpph Radical Scavenging Activity of Different Extracts of Flower of *Bauhinia Acuminata* Linn. Int J Curr Pharm Res. 2017;9(6):23.
 27. Basiru A, Edobor G, Ibukun E, Ojo OA. Qualitative and quantitative analysis of phytochemicals of. Int J Invent Pharm Sci. 2013;2(1):1–5.
 28. Blois MS. Antioxidant Determinations by the Use of a Stable Free Radical. Nature. 1958;181(4617):1199–200.
 29. Singleton VL, Rossi JA. Colorimetry of Total Phenolics with Phosphomolybdic-Phosphotungstic Acid Reagents. Am J Enol Vitic. 1965 Jan 1;16(3):144 LP – 158.
 30. Trivedi I, Jha VK, Ambasta SK, Prasad M, Birendra T, Sinha UK. Research article Quantitative Spectrophotometric Estimation Of Total Alkaloids In *Ania Somnifera* L . In Vivo And In Vitro Dbt (Pu) Ipls , Department. 2016;(2):254–8.
 31. Meyer B, Ferrigni NR, Putnam JE, Jacobsen LB, Nichols DE, McLaughlin JL. Brine Shrimp: A Convenient General Bioassay for Active Plant Constituents. Planta Med. 1982;45(05):31–4.
 32. Wills E. Mechanisms of lipid peroxide formation in animal tissues. Biochem J. 2015 Jun;99(3):667–76.
 33. Archana R. D, Mohite SK, Magdun C. Pharmacognostical Evaluation of *Fragaria vesca* linn leaf. Int J Phytopharm. 2014;4(4):117–9.

34. Najda A, Dyduch-Siemińska M, Dyduch J, Gantner M. Comparative analysis of secondary metabolites contents in *Fragaria vesca* L. fruits. *Ann Agric Environ Med*. 2014;21(2):339–43.
35. Buřičová L, Andjelkovic M, Āermáková A, Réblová Z, Jurček O, Kolehmainen E. Antioxidant capacity and antioxidants of strawberry, blackberry, and raspberry leaves. *Czech J Food Sci*. 2011;29(2):181–9.
36. Yildiz H, Ercisli S, Hegedus A, Akbulut M, Topdas EF, Aliman J. Bioactive content and antioxidant characteristics of wild (*Fragaria vesca* L.) and cultivated strawberry (*Fragaria* × *ananassa* Duch.) fruits from Turkey. *J Appl Bot Food Qual*. 2014;87(November):274–8.
37. Anggraini F, Satari MH, Mariam MS. Bacterial inhibition test of methanolic extracts of strawberry (*Fragaria* × *ananassa* Duchesne), lime (*Citrus aurantifolia*), and radish (*Raphanus sativus* L.), towards *Streptococcus Sanguis* ATCC 10556. *Padjadjaran J Dent*. 2018;30(2):98.
38. Alfia Fadri R, Salvia S, Novita R, Muchrida Y, Kembaryanti Putri S, Violalita F. Phenolics Total and Antioxidant Activity of Strawberry (*Fragaria chiloensis*). *Int J Adv Sci Eng Inf Technol*. 2015;5(6):392.
39. Gutierrez-Grijalva EP, Ambriz-Pere DL, Leyva-Lopez N, Castillo-Lopez RI, Heiedia JB. Review: dietary phenolic compounds, health benefits and bioaccessibility. *Arch Latinoam Nutr*. 2016;66(2):87–100.
40. Peñarrieta JM, Alvarado JA, Bergenståhl B, Åkesson B. Total antioxidant capacity and content of phenolic compounds in wild strawberries (*Fragaria vesca*) collected in Bolivia. *Int J Fruit Sci*. 2009;9(4):344–59.
41. Cushnie TPT, Cushnie B, Lamb AJ. Alkaloids: An overview of their antibacterial, antibiotic-enhancing and antivirulence activities. *Int J Antimicrob Agents*. 2014;44(5):377–86.
42. Manuela J, Liberal T. Joana Manuela Torres Liberal *Fragaria Vesca* Leaf As A Source Of Bioactive Phytochemicals - A Focus On Ellagitannins. 2015;
43. M. Hendri EPR. Uji Toksisitas dengan Menggunakan Metode Brine Shrimp Lethality Test (Bslt) Pada Ekstrak Mangrove (*Avicennia Marina*, *Rhizophora Mucronata*, *Sonneratia Alba* dan *Xylocarpus Granatum*) yang Berasal dari Banyuasin, Sumatera Selatan. *J Biol Trop*. 2018;18(1):91.
44. Behn C, Araneda OF, Llanos AJ, Celedón G, González G. Hypoxia-related lipid peroxidation: Evidences, implications and approaches. *Respir Physiol Neurobiol*. 2007;158(2–3):143–50.
45. Pajk T, Rezar V, Levart A, Salobir J. Efficiency of apples, strawberries, and tomatoes for reduction of oxidative stress in pigs as a model for humans. *Nutrition*. 2006;22(4):376–84.
46. Silva JP, Coutinho OP. Free radicals in the regulation of damage and cell death - basic mechanisms and prevention. *Drug Discov Ther*. 2010;4(3):144–67.
47. Hamed SS, Al-Yhya NA, El-Khadragy MF, Al-Olayan EM, Alajmi RA, Hassan ZK. The protective properties of the strawberry (*Fragaria ananassa*) against carbon tetrachloride-induced hepatotoxicity in rats mediated by anti-apoptotic and upregulation of antioxidant genes expression effects. *Front Physiol*. 2016;7(8):1–12.