

## DAFTAR PUSTAKA

- Aguh, C., & McMichael, A. (2020). Central Centrifugal Cicatricial Alopecia. In *JAMA Dermatology*. American Medical Association.
- Albaihaqi, A., & Mustarichie, R. (2020). Review: Tanaman Herbal Berkhasiat Sebagai Obat Antialopecia. *Farmaka*, 17(1), 111–126.
- Allen, L. v., & Ansel, H. C. (2014). *Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems*. Wolters Kluwer.
- Anindhita, A., Ardhaninggar, A., Setyaningrum, T., Staf, D., Fungsional, M., Kesehatan, I., Kedokteran, F., Airlangga, U., Sakit, R., & Soetomo, U. (2016). Studi Retrospektif: Alopecia Areata A Retrospektif Study: Alopecia Areata. *Berkala Ilmu Kesehatan Kulit Dan Kelamin*, 30(3), 255–263.
- Aulton, M. E., & Taylor, K. M. G. (2013). Aulton's Pharmaceutics: The Design and Manufacture of Medicines, 3e. In *Aulton's Pharmaceutics*. Elsevier Ltd.
- Azah, N. I., Muchtarichie, R., & Iskandar, Y. (2020). Parameter standardisasi kulit buah kakao (*Theobroma cacao* L.). *Jurnal Ilmiah Farmasi*, 16(2), 182–195.
- Azizah, D. N., Kumolowati, E., & Faramayuda, F. (2014). Penetapan Kadar Flavonoid Metode AlCl<sub>3</sub> Pada Ekstrak Metanol Kulit Buah Kakao (*Theobroma cacao* L.). *Kartika Jurnal Ilmiah Farmasi*, 2(2), 45–49.
- Bandung. (2020). *Kondisi Geografi Kota Bandung*. Bandung.  
<https://img.bandung.go.id/files/prsubcategory/2021/10/15/pdf/16342836473-geografi.pdf>.

- Bhargava, V. v, Saluja, A. K., & Dholwani, K. K. (2013). Detection of Heavy Metal Contents and Proximate Analysis of roots of Anogeissus latifolia. *Journal of Pharmacognosy and Phytochemistry*, 1(6).
- Brookfield. (2003). *A Guide to Getting More from Your Brookfield Viscometer*.
- Cahyati, A. N., Ekowati, D., & Harjant, R. (2015). Optimasi Kombinasi Asam Stearat dan Trietanolamin dalam Formula Krim Ekstrak Daun Legetan (*Spilanthes acmella* L.) sebagai Antioksidan secara Simplex Lattice Design Optimization of The Combination Stearic Acid and Trietanolamine in A Cream Formulation Extra. *Maret*, 12(1), 60–69.
- de Souza, P. A., Moreira, L. F., Sarmento, D. H. A., & da Costa, F. B. (2018). Cacao—Theobroma cacao. In *Exotic Fruits*. Elsevier.
- Dewatisari, W. F., Rumiyanti, L., & Rakhmawati, I. (2018). Rendemen dan Skrining Fitokimia pada Ekstrak Daun Sansevieria sp. *Jurnal Penelitian Pertanian Terapan*, 17(3), 197.
- Dorenkott, M. R., Griffin, L. E., Goodrich, K. M., Thompson-Witrick, K. A., Fundaro, G., Ye, L., Stevens, J. R., Ali, M., O'Keefe, S. F., Hulver, M. W., & Neilson, A. P. (2014). Oligomeric Cocoa Procyandins Possess Enhanced Bioactivity Compared to Monomeric and Polymeric Cocoa Procyandins for Preventing The Development of Obesity, Insulin Resistance, and Impaired Glucose Tolerance During High-fat Feeding. *Journal of Agricultural and Food Chemistry*, 62(10), 2216–2227.

- Elcistia, R., & Zulkarnain, A. K. (2018). Optimasi Formula Sediaan Krim o/w Kombinasi Oksibenzon dan Titanium Dioksida Serta Uji Aktivitas Tabir Suryanya Secara In Vivo. *Majalah Farmaseutik*, 14(2), 63–78.
- Faramayuda, F., Hermanto, F., Windyawati, A. S., Riyanti, S., & Nurhayati, V. A. (2021). Identification of the Secondary Metabolites and Characterization of Lagerstroemia Loudonii T. & B. J. *Islamic Pharm.*, 6(1), 1–6.
- Farnsworth, N. R. (1966). Biological and Phytochemical Screening of Plants. In *JOURNAL OF Pharmaceutical Sciences*, 55(3).
- Fettig, C. J., Mortenson, L. A., Bulaon, B. M., & Foulk, P. B. (2019). Tree Mortality Following Drought in The Central and Southern Sierra Nevada, California, U.S. *Forest Ecology and Management*, 432, 164–178.
- Garg, N., Abdel-Aziz, S. M., & Aeron, A. (2016). Microbes in Food and Health. *Microbes in Food and Health*, 1–362.
- Gensure, R. (2018). Pharmacological Treatment of Alopecia. In *Alopecia*. InTech.
- Guilherme Mendes de Castro, U., Augusto Souza dos Santos, R., Eustáquio Silva, M., Geraldo de Lima, W., José Campagnole-Santos, M., & Carvalho Alzamora, A. (2013). *Age-dependent Effect of High-fructose and High-fat Diets on Lipid Metabolism and Lipid Accumulation in Liver and Kidney of Rats*.
- Harkey, M. R. (1993). Anatomy and Physiology of Hair. In *Forensic Science International*, 63(1–3), 9–18.

- Herman, Septriyanti, I., Ramadhani, T. R., Ade, P., Yulis, R., & Putra, A. Y. (2020). Ekstrak Etanol Limbah Kulit Buah Kakao (*Theobroma cacao* L.). *JEDCHEM (Journal Education and Chemistry*, 2(2).
- Hidayat, I. R., Zuhrotun, A., & Sopyan, I. (2020). Design-Expert Software sebagai Alat Optimasi Formulasi Sediaan Farmasi. *Majalah Farmasetika*, 6(1).
- Jokić, S., Gagić, T., Knez, E., Ubarić, D., & Kerget, M. (2018). Separation of Active Compounds from Food By-product (Cocoa Shell) Using Subcritical Water Extraction. *Molecules*, 23(6), 1–17.
- Kayaputri, I. L., Sumanti, D. M., Djali, M., Indiarto, R., & Dewi, D. L. (2014). Kajian Fitokimia Ekstrak Kulit Biji Kakao (*Theobroma cacao* L.). *Chimica et Natura Acta*, 2(1), 83–90.
- Kelutur, F. J., & Mustarichie, R. (2020). Molecular Docking of The Potential Compound from Cocoa Shells (*Theobroma cacao* L.) Against Androgen Receptor as Anti-alopecia. *Journal of Global Pharma Technology*, 12(9), 52–60.
- Kementerian Kesehatan RI. (2017). *Farmakope Herbal Indonesia*. Kementerian Kesehatan RI.
- Kementerian Kesehatan RI. (2020). *Farmakope Indonesia Edisi VI*. Kementerian Kesehatan RI.
- Kolarsick, P. A. J., Kolarsick, M. A., & Goodwin, C. (2009). Anatomy and Physiology of the Skin. In *Equine Breeding Management and Artificial Insemination*.

- Kusuma, I. G. N. S., Putra, I. N. K., & Darmayanti, L. P. T. (2019). Pengaruh Suhu Pengeringan Terhadap Aktivitas Antioksidan Teh Herbal Kulit Kakao (*Theobroma cacao* L.). *Ilmu Dan Teknologi Pangan*, 8(1), 85–93.
- Kutlubay, Z., & Serdaroglu, S. (2017). Introductory Chapter: Hair Loss. In *Hair and Scalp Disorders*. InnTech.
- Langley, C. A., & Belcher, D. (2009). Applied Pharmaceutical Practice. Pharmaceutical Press.
- Legiawati, L. (2013). Jenis Kerontokan Rambut dan Kebotakan Pasien Poliklinik Kulit dan Kelamin RS Dr. Cipto Mangunkusumo Tahun 2009-2011. *MDVI*, 40(4), 159–163.
- Martin, M. A., Goya, L., & Ramos, S. (2013). Potential for Preventive Effects of Cocoa and Cocoa Polyphenols in Cancer. *Food and Chemical Toxicology*, 56, 336–351.
- Miranda, P. M., Putra, G. P. G., & Suhendra, L. (2020). Karakteristik Ekstrak Kulit Buah Kakao (*Theobroma cacao* L.) sebagai Sumber Antioksidan pada Perlakuan Konsentrasi Pelarut dan Ukuran Partikel. *Jurnal Rekayasa Dan Manajemen Agroindustri*, 8(1), 28–38.
- Mishra, P., Pandey, C. M., Singh, U., Gupta, A., Sahu, C., & Keshri, A. (2019). Descriptive Statistics and Normality Tests for Statistical Data. *Annals of Cardiac Anaesthesia*, 22(1), 67–72.
- Mustarichie, R., & Hasanah, A. N. (2019). Anti-aloepecia Activity of Waste Cacao (*Theobroma cacao* L.) Peels. *Drug Invention Today*, 11(9), 2194–2199.

- Nasrollahzadeh, M., Sajadi, S. M., Rostami-Vartooni, A., & Bagherzadeh, M. (2015). Green Synthesis of Pd/CuO Nanoparticles by *Theobroma cacao* L. Seeds Extract and Their Catalytic Performance for The Reduction of 4-nitrophenol and Phosphine-free Heck Coupling Reaction under Aerobic Conditions. *Journal of Colloid and Interface Science*, 448, 106–113.
- Natoli, C. (2020). *An Introduction to Mixture Designs*.
- Novitasari, A. E., & Putri, D. Z. (2016). Isolasi dan Identifikasi Saponin pada Ekstrak Daun Mahkota Dewa dengan Ekstraksi Maserasi. *Jurnal Sains*, 6(12), 10–14.
- Paramita, K., Listiawan, M. Y., & Rahmadewi. (2015). Gambaran Dermoskopik Pasien Alopecia (Dermoscopic Features of Alopecia Patient). *Berkala Ilmu Kesehatan Kulit Dan Kelamin*, 27(3), 163–169.
- Phillips, T. G., Slomiany, W. P., & Allison, R. (2017). Hair Loss: Common Causes and Treatment. *American Family Physician*, 96(6), 371–378.
- Pratasik, M. C., Yamlean, P. V., & Wiyono, W. I. (2019). Formulasi dan Uji Stabilitas Fisik Sediaan Krim Ekstrak Etanol Daun Sesewanua (*Clerodendron squamatum* Vahl.). *PHARMACON*, 8(2), 261–267.
- Ramadhani, R. A., Riyadi, D. H. S., Triwibowo, B., & Kusumaningtyas, R. D. (2017). Review Pemanfaatan Design Expert untuk Optimasi Komposisi Campuran Minyak Nabati sebagai Bahan Baku Sintesis Biodiesel. *Jurnal Teknik Kimia Dan Lingkungan*, 1(1), 11.

- Rosa, C. de O. B., Santos, C. A. dos, Leite, J. I. A., Caldas, A. P. S., & Bressan, J. (2015). Impact of Nutrients and Food Components on Dyslipidemias: What is The Evidence? In *Advances in Nutrition*. American Society for Nutrition.
- Rowe, R. C., Sheskey, P. J., & Quinn, M. E. (2009). *Handbook of Pharmaceutical Excipients Sixth Edition*. RPS Publishing.
- Sanders, T., & Scanlon, V. C. (2007). *Essentials of Anatomy and Physiology Fifth Edition*. EGC.
- Santoso, B., Imaduddin, F., Sukanto, H., Triyono, J., Lambang, R. L., Widodo, P. J., & Siswantoro, D. H. (2021). Procurement and Operation Technical for Meniran (*Phyllanthus niruri*) Extraction Equipment. *Mekanika: Majalah Ilmiah Mekanika*, 20(1), 34–43.
- Saryanti, D., Setiawan, I., & Safitri, R. A. (2019). Optimasi Formula Sediaan Krim M/A Dari Ekstrak Kulit Pisang Kepok (*Musa acuminata* L.). *Jurnal Riset Kefarmasian Indonesia*, 1(3), 225–237.
- Seale, L. R., Eglini, A. N., & McMichael, A. J. (2016). Side Effects Related to 5 a-reductase Inhibitor Treatment of Hair Loss in Women: A review. *Journal of Drugs in Dermatology*, 15(4), 414–419.
- Senjaya, Y. A., & Surakusumah, W. (2008). Potensi Ekstrak Daun Pinus (*Pinus merkusii* Jungh. et de Vries) Sebagai Bioherbisida Penghambat Perkecambahan *Echinochloa colonum* L. dan *Amaranthus viridis*. *PERENNIAL*, 4(1), 1–9.
- Sharadha, M., Gowda, D. V., Vishal Gupta, N., & Akhila, A. R. (2020). An Overview on Topical Drug Delivery System – Updated Review. In

- International Journal of Research in Pharmaceutical Sciences.* J. K. Welfare and Pharmascope Foundation.
- Siregar, T. H. S., Riyadi, S., & Nuraeni, L. (2009). *Cokelat, Pembudidayaan, Pengolahan, Pemasaran.* Penebar Swadaya.
- Standring, S. (2016). *Gray's Anatomy Forty First Edition.* Elsevier Ltd.
- Suchonwanit, P., Thammarucha, S., & Leerunyakul, K. (2019). Minoxidil and Its Use in Hair Disorders: A Review. In *Drug Design, Development and Therapy.* Dove Medical Press Ltd.
- Sudarmaji, S. (1989). *Analisa Bahan Makanan dan Pertanian.* Penerbit Liberty.
- Susanto, F. (2004). *Tanaman Kakao Budidaya Pengolahan Hasilnya.* Kanisusu.
- Susanty, & Bachmid, F. (2016). Perbandingan Metode Ekstraksi Maserasi dan Refluks terhadap Kadar Fenolik dari Ekstrak Tongkol Jagung (*Zea mays L.*). *KONVERSI*, 5(2), 87–93.
- Sutjahjokartiko, S. (2017). Pengaruh Konsentrasi Pengawet DMDM Hydantoin Terhadap Karakteristik, Stabilitas Fisika & pH pada Water Based Pomade yang Mengandung Ekstrak *Aloe vera*. *Jurnal Ilmiah Mahasiswa Universitas Surabaya*, 6, 2.
- Tranggono, & Latifah. (2007). *Buku Pegangan Ilmu Pengetahuan Kosmetik.* PT Gramedia Pustaka Utama.
- USDA. (2021). *Classification for Kingdom Plantae Down to Species Theobroma Cacao L.* plants.usda.gov/home/classification/66662.
- USPC. (2021). <1151> *Pharmaceutical Dosage Form.*

- Wasitaatmadja, M. S. (1997). *Penuntun Ilmu Kosmetik Medik*. Universitas Indonesia Press.
- WeatherSpark. (2022). *Iklim dan Cuaca Rata-Rata Sepanjang Tahun di Kota Bandung*. <https://id.weatherspark.com/y/118121/Cuaca-Rata-rata-pada-bulan-in-Kota-Bandung-Indonesia-Sepanjang-Tahun#Figures-Temperature>.
- Widodo, H. (2013). *Ilmu Meracik Obat Untuk Apoteker*. Penerbit D-MEDIKA.
- World Health Organization. (2011). *Quality control methods for herbal materials*. World Health Organization.
- WUTSQA, Y. U., SURATMAN, S., & SARI, S. L. A. (2021). Detection of Terpenoids and Steroids in *Lindsaea obtusa* with Thin Layer Chromatography. *Asian Journal of Natural Product Biochemistry*, 19(2).
- Xu, L., Liu, K. X., & Senna, M. M. (2017). A Practical Approach to The Diagnosis and Management of Hair Loss in Children and Adolescents. In *Frontiers in Medicine*. Frontiers Media S.A.
- Yeon, J. H., Jung, J. Y., Choi, J. W., Kim, B. J., Youn, S. W., Park, K. C., & Huh, C. H. (2011). 5 mg/day Finasteride Treatment for Normoandrogenic Asian Women with Female Pattern Hair Loss. *Journal of the European Academy of Dermatology and Venereology*, 25(2), 211–214.