DAFTAR PUSTAKA

Academy Of Breastfeeding Medicine Protocol Committee. (2011). ABM Clinical Protocol 9: Use of galactogogues in initiating or augmenting the rate of maternal milk secretion. *Breastfeed Med* 6:41-9.

Agung Nugroho, Hesty Heryani, Jae Sue Choi, Hee-Juhn Park. Identification And Quantification Of Flavonoids In Carica Papaya Leaf and Peroxynitrite-Scavenging Activity. Asian Pacific Journal of Tropical Biomedicine 7 (2017): 208-213. https://doi.org/10.1016/j.apjtb.2016.12.009.

Ahmad N, Fazal H, Ayaz M, *et al*. (2011). Dengue fever treatment with Carica papya leavesextracts. *Asian Pac J Trop Med* 1: 330-333.

Ahwan A., Fridah WS., Rantika P. (2020). The effect of ethanol extract of fennel fruit (foenicullum vulgare mill.) on hormone prolactin levels of white female post partum rats. *Pharmacon: Jurnal Farmasi Indonesia*, Vol. 17, No. 1.

Akbar, M *et al*. (2013). Cholesterol, glucose and blood cells count of rabbit doe fed katuk (Sauropus androgynus L. Merr) leaf meal as supplementation. *Animal Production*, 15(3):166-172.

Al-Chalabi M, Bass AN, Alsalman I. (2023). Fisiologi, Prolaktin. StatPearls Publishing, Treasure Island (FL). PMID: 29939606.

Amin, Y., Youssef, N., Mahmoud, A., Salah, M., Khalil, A., Shanab, O., & Hassaneen, A. (2022). Impact of polyherbal formulation oral administration on the estrus response, luteal activity, and oxidative stress in postpartum dairy cows with ovarian subfunction. *Veterinary World* 15; 360 - 367.

Anderson PO, Valdes V. (2007). A critical review of pharmaceutical galactagogues.*Breastfeed Med* 2(4):229-42.

Anitha, B., Raghu, N., Ts, G., Karthikeyan, M., Gk, C., & Km, B. (2018). Medicinal uses of carica papaya. Journal of Natural & Ayurvedic Medicine, 1–11.

Ares Segura S, Arena Ansótegui J, Díaz-Gómez NM. (2016). en representación del Comité de Lactancia Materna de la Asociación Española de Pediatría. La importancia de la nutrición materna durante la lactancia, ¿necesitan las madres lactantes suplementos nutricionales? [The importance of maternal nutrition during breastfeeding: Do breastfeeding mothers need nutritional supplements?]. An Pediatr (Barc). 2016 Jun;84(6):347.e1-7. Spanish. doi: 10.1016/j.anpedi.2015.07.024. Epub 2015 Sep 14. PMID: 26383056.

Ari H, Arumingtyas EL, Indriyani S, Hakim L. (2016). Local knowledge of katuk (Sauropus androgynus (L.) Merr) in East Java, Indonesia. *Int J Curr Pharm Rev Res* 7:210-5.

Ariharan,V.N *et al*. (2013). Antibacterial activity of sauropus and rogynous leaf extracts against some pathogenic bacteria. *Rasayan J.Chem.* 6 (2):134-137.

Arismi H. (2020). Jamu pelancar ASI, ramuan tradisional yang aman dan manjur untuk busui. Diakses dalam web pada Januari 2020 https://www.sehatq.com/artikel/rekomendasi-jamu- pelancar-asi-yang-manjur- untuk-ibu-menyusui.

Arista, M. (2013). Aktivitas antioksidan ekstrak etanol 80% dan 96% daun katuk (Sauropus androgynus (L.) Merr.). *Jurnal Ilmiah Mahasiswa Universitas Surabaya*, 2(2):1-16.

Arrata, W. S. M. & Chatterton, R. T. (1974). Human lactation: appropriate and inappropriate. In Obstetrics and Gynecology Annual, 443-472. (Ed.) *R. M. Wynn. Appleton-Century-Crofts,* New York.

Astutti, L, P. (2017). Pengaruh ekstrak daun pepaya terhadap kecukupan ASI pada ibu nifas di wilayah kerja Puskesmas Gondang, Kabupaten Sragen. *SMART Jurnal Kebidanan* 3(1): 79.

Atikah & Eni. (2010). Kapita selekta: ASI & menyusui. Penerbit Nuha Medika, Yogyakarta.

Avery MD, Duckett L, Frantzich CR. (1997). The experience of sexuality during breastfeeding among primiparous women. *J Midwifery Women Health* 45(3): 227–237.

Ayu Ida Chandranita *et al*. (2009). Memahami kesehatan reproduksi wanita edisi 2,Jakarta: EGC.

Ayuni, Renata. (2012). Khasiat selangit daun- daun ajaib tumpas beragam penyakit, Yogyakarta.

Barros-Oliveira MDC, Costa-Silva DR, Andrade DB, Borges US, Silva VC, Borges RS, Lopes-Costa PV, Alencar AP, da Silva BB. (2017). Ki-67 antigen expression in the mammary epithelium of female rats in persistent estrus treated with anastrozole. *Gynecological*

Endocrinology, 33(5):359-362.

Baston Helen, Hall Jennifer. (2 0 1 1) . Midwifery essensial : posnatal volume 4, Jakarta : EGC.

Beers SJ. (2 0 1 3) . Jamu: the ancient indonesian art of herbal healing. Singapore: Tuttle Publishing.

Bistoni G & Farhadi J.(2015). Plastic and Reconstructive Surgery: Approaches and Techniques, First Edition. Chapter 37 : Anatomy & Phisiology of the Breast. Edited by Ross D. Farhadieh, Neil W. Bulstrode and Sabrina Cugno. © 2015 John Wiley & Sons, Ltd. Published 2015 by John Wiley & Sons, Ltd.

Biswas SK, Banerjee S, Baker GW, Kuo CY, Chowdhury. I. (2022). The mammary gland: basic structure and molecular signaling during development. *Int J Mol Sci*. 31;23(7):3883.

Bobak, Lowdermilk, Jensen. (2004). Buku ajar keperawatan maternitas. Jakarta : EGC.

Boehm KA, Nahai F. Applied anatomy of the breast. In: F Nahai (ed.), The Art of Aesthetic Surgery Principles and Techniques (2nd edn). St Louis, MO: Quality Medical Publishing; 2011.

Bolzán AD, Bianchi MS, Cónsole GM, Goya RG. Hubungan antara hormon hipofisis, enzim antioksidan, dan perubahan histopatologi pada kelenjar susu tikus pikun. Exp Gerontol 1997; 32(3): 297-304

Briggs GG, Freeman RK, Yaffe SJ, eds .(2006). Drugs in pregnancy and lactation: A reference guide to fetal and neonatal risk with access code. New York: Lippincott Williams & Wilkins.

Brisken C & Rjaran RD. (2006). Alveolar and lactogenic differentiation. *Journal of Mammary Gland Biology and Neoplasia*, 11: 239-248.

Canini A, Alesiani D, D'Arcangelo G, Tagliatesta P. (2007). Gas chromatography- mass spectrometry analysis of phenolic compounds from Carica papaya L. leaf. *J Food Compos Anal*, 20:584-590.

Cao, D., Ma, X., Zhang, W.J., Xie, Z. (2017). Dissection and coronal slice preparation of developing mouse pituitary gland. *J. Vis. Exp*. 2017, 2–6.

Carotenuto D, Di Pierro F. Studio sulla tollerabilità ed efficaciadella silimarina BIO-C ® (Piùlatte ®) micronizzata come galattagogo. Acta Neonatologica & Pediatrica. 2005;4:393-40.

Chatterton, R. T., Jr, King, W. J., Ward, D. A. & Chien, J. L. (1975). Differential responses of prelactating and lactating mammary gland to similar tissue concentrations of progesterone. *Endocrinology*, 96, 903-910.

Chonsut, P., Wetchakul, P., Naphatthalung, J., Punsawad, C., Pradana, F., & Sanpinit, S. (2023). Potential galactagogue effect of tri-than-thip remedy on milk synthesis in lactating rats: Impact on milk production-related parameters. *International Journal of Medical Sciences*, *20*(9), 1135–1143.

Chou, T. (2006). Theoretical basis, experimental design, and computerized simulation of synergism and antagonism in drug combination studie. *Pharmacol Rev* 58 (3) :621–681.

Chou, T. (2008). Review preclinical versus clinical drug combination studies. *Leukemia & Lymphoma* 49(11): 2059–2080.

Collier RJ, Xiao Y, Bauman DE. (2017). Regulation of factors affecting milk yield. nutrients in dairy and their implications for health and disease. *Nutrients in Dairy and their Implications on Health and Disease,* 3-17. Academic Press.

Damanik R, Wahlqvist ML, Wattanapenpaiboon N. (2006). Lactagogue effects of torbangun, a bataknese traditional cuisine. *Asia Pac J Clin Nutr* 15:267-270.

Danuatmadja, B. (2007). 40 hari pasca persalinan. Jakarta: Puspa Swara.

Davis, J. W., Wikman-Coffelt, J. & Eddington, C. L. (1972). The effect of progesterone on biosynthetic pathways in mammary tissue. *Endocrinology*, 91: 1011—1019.

Denamur, R. (1969). Changes in the ribonucleic acids of mammary cells at lactogenesis. *In Lactogenesis : the Initiation of Milk Secretion at Parturition*, 53-64. University of Pennsylvania Press, Philadelphia.

Depkes RI. (2007). Profil kesehatan 2007. Departemen Kesehatan RI.

Depkes RI. (2008). Farmakope Herbal Indonesia Edisi I. Jakarta: Departemen Kesehatan Republik Indonesia. Hal. 8-9, 10-12.

Desclin, L. (1952). Recherches sur le déterminisme des phénomènes de sécrétion dans la glande mam¬maire du rat. *Annls Endocr*, 13:120-136.

Desi Widiyanti and Kosma Heryati. (2018). Effect on food consumption postpartum mother's breastfeeding in clinical pratice midwife in bengkulu city. *Int J Recent Sci Res.*, 9(5):26807-26812.

Desnita, R *et al*. (2018). Antiinflammatory activity patch ethanol extract of leaf katuk (*Sauropus Androgynus L. Merr*). *Jurnal Ilmu Kefarmasian Indonesia* 16(1):1-5.

Dickinson BC, Chang CJ. 2011. Kimia dan biologi spesies oksigen reaktif dalam sinyal atau respons stres. Nat Chem Biol 7: 504–511. Dini, K., 2006, *Panduan Perawatan Pasca Persalinan*, Batavia, Jakarta, 29-30.

Douglas G. Burrin, Marta L. Fiorotto, Darryl L. Hadsell. (1999). Transgenic hypersecretion of des(1–3) human insulin-like growth factor i in mouse milk has limited effects on the gastrointestinal tract in suckling pups12. *The Journal of Nutrition*, *129*(1), 51-56, https://doi.org/10.1093/jn/129.1.51.

Dovmark TH, Kvist PH, Mølck AM, Hvid H. Quantitative Assessment of Epithelial Proliferation in Rat Mammary Gland Using Artificial Intelligence Independent of Choice of Proliferation Marker. *J Histochem Cytochem*. 2022;70(3):237-250. doi:10.1369/00221554221075327

Ellis H, Mahadevan V. Anatomi dan fisiologi payudara. Bedah 2013;31:11–14.

Entin, W., 2002. Kinetika Fermentabilitas Daun Pepaya (Caricia pepaya L), Skripsi,Jurusan Ilmu Nutrisi dan Makanan Ternak, Fakultas Peternakan, Institusi PertanianBogor. Bogor.

Eroschenko, V. P. (2008). Atlas histologi di fiore's dengan korelasi fungsional. Jakarta:EGC.

Eroschenko V.P. (2005). *diFiore's atlas of histology* 10th ed. Lippincott Williams& Wilkins, Baltomore.

Kemenkes. (2017). Farmakope Herbal Indonesia. Edisi II.

Fata JE, Werb Z, Bissell MJ. (2004). Regulation of mammary gland branching morphogenesis by the extracellular matrix and its remodeling enzymes. *Breast Cancer Res*. 6(1):1-11.

Fiddler, T. J., Birkinshaw, M. & Falconer, I. R. (1971). Effects of intraductal prolactin on some aspects of the ultrastructure and biochemistry of mammary tissuein the pseudopregnant rabbit.

Fikawati, Sandra, dkk. (2017). Gizi anak dan remaja. Depok: Raja Grafindo Persada.

Fikri, F., & Purnama, M. T. E. (2020). Pharmacology and phytochemistry overview on sauropus androgynous. *Systematic Reviews in Pharmacy*, *11*(6), 124-128. https://doi.org/10.31838/srp.2020.6.20

Filia S, S, Annis C, A, Rita I. (2016). Galactogogue instant powder combination of papaya leaves and red ginger for breastfeeding mother. *International Journal of Preventif and Public Health*, 2(4).

Fiore, Mariano, SH. (1986) Atlas Histologi Manusia. Edisi V. Jakarta. EGC

Ganong, W. F. (2008). *Buku Ajar Fisiologi Kedokteran.* Edisi 22. Jakarta : EGC. Geller, SE & Studde L. (2006). Soy and Red Clover for Mid-life and aging. *Climacteric*. (9):245-263.

Gleason, C.A. and Juul, S.E. (2017). Avery's diseases of the newborn e-book.Elsevier Health Sciences.

Griffith, D. R. & Turner, C. W. (1961). Normal growth ofratmammary glands during pregnancy and early lactation. *Proc. Soc. exp. Biol. Med.*106: 448-450.

Hadsell, D. L., Parlow, A. F., Torres, D., George, J., & Olea, W. (2008). Enhancement of maternal lactation performance during prolonged lactation in the mouse by mouse GH and long-R3-IGF-I is linked to changes in mammary signaling and gene expression. *Journal of Endocrinology*, *198*(1), 61-70. https://doi.org/10.1677/JOE-07-0556

Hardjati,S. (2008). Potensi daun katuk sebagai sumber zat pewarna alami dan stabilitasnya selama

Hartono., R. (2014). Manfaat ASI ekslusif untuk buah hati anda. Jogjakarta: Gosyen Publishing.

Hayati, A., Arumingtyas, E. L., Indriyani, S., & Hakim, L. (2016). Local knowledge of katuk (*Sauropus androgynus (L.) Merr*) in East Java, Indonesia. *International Journal of Current Pharmaceutical Review and Research*, 7(4), 210- 215.

Healthy Eating When You’re Pregnant or Breastfeeding, 2019 diunduh dari

https://www.eatforhealth.gov.au/eating-well/healthy-eating-throughout-all- life/healthy-eating-when-you're-pregnant-or-breastfeeding

Henning Hvid, Inger Thorup, Ingrid Sjögren, Martin B. Oleksiewicz, Henrik E. Jensen. (2012). Mammary gland proliferation in female rats: Effects of the estrous cycle, pseudo-pregnancy and age. *Experimental and Toxicologic Pathology*, 64(4):321-332.

Herawati Y , Kalsum U, Arsana IW , Yuniarti L, Sardjono TW. (2022). *Carica papaya* leaf ethanol extract effect on milk volume, β-casein gene (Csn2) expression, β-casein levels, and milk total protein levels. *Pharmaceutical Sciences Asia*, 49(2):193-201.

Herawati L, Yuniati E. (2014). Ethnobotanical study of herbs of lauje ethnic communities in Tomini District, Parigi Mouton Central Sulawesi, Indonesia. *Biocelebes* 8:26-30.

Herbst S. (2001). The new food lover's companion: comprehensive definitions of nearly 6,000 foods drink.

Heyne K. (1987). Tumbuhan berguna Indonesia II. Badan Litbang Kehutanan, Jakarta.

Hollmann, K. H. (1969). Quantitative electron microscopy of subcellular organization in mammary cells before and after parturition. *In Lactogenesis: The Initiation of Milk Secretion at Parturition*.

Honvo-Houéto, E., Truchet, S. (2015). Indirect immunofluorescence on frozen sections of mouse mammary gland. *J. Vis. Exp*.

Hosseinzadeh, H., Tafaghodi, M., Mosavi, M.J., Taghiabadi, E. (2013). Effect of aqueous and ethanolic extracts of nigella sativa seeds on milk production in rats. JAMS *J. Acupunct. Meridian Stud*. 6, 18–23.

Lusa. (2013). Komposisi dalam ASI. Diakses dalam web pada Januari 2020 http://www.lusa.web.id/komposisi-gizi-dalam-asi/.

Ikatan Dokter Anak Indonesia (IDAI). Indonesian Pediatric Society. (2020). Nilai NutrisiAir Susu Ibu. Avaliable from http://idai.or.id.

Ikhlasiah, M. I., & Winarni, L. M. (2020). Pemberian jus daun pepaya bagi ibu menyusui yang bekerja terhadap peningkatan kadar hormon prolaktin dan berat badan bayi di tangerang. *Jurnal Kebidanan Malahayati*, 6(1), 89-94.

Ikhlasiah, M., Winarni, L.M., Poddar, S. and Bhaumik, A. (2020). The effects of papaya leaf

juice for breastfeeding and working mothers on increasing prolactin hormone levels and infant's weight in Tangerang. *Enfermería Clínica*, 30:202- 205.

Imaga NA, Gbenle GO, Okochi VI, *et al*. (2010). Phytochemical and antioxidant nutrient constituents of Carica papaya and Parquetina nigrescens etract. *Sci Res Essays* 5: 2201-2205.

Ingram J, Taylor H, Churchill C, Pike A, Greenwood R. (2 0 1 5) . Metoclopramide ordomperidone for increasing maternal breast milk output: A randomised control trial. *Arch Dis Child Fetal Neonatal*.

Iwansyah, A. C., Damanik, M. R. M., Kustiyah, L., & Hanafi, M. (2017). Potensi fraksi etil asetat daun torbangun (*Coleus amboinicus l*.) dalam meningkatkan produksi susu, bobot badan tikus, dan anak tikus. *Jurnal Gizi Dan Pangan*, 12(1), 61-68.

Jean-Luc Delongeas, Carine Trabarel, and Pierre Guittin. (1997). Easy procedure for milk collection in lactating rats. *American Association for Laboratory Animal Science* 36(1).

Joshi, K., Ellis, J., Hughes, C., Monaghan, P., & Neville, A. (1986). Cellular proliferation in the rat mammary gland during pregnancy and lactation. *Laboratory Investigation; A Journal Of Technical Methods And Pathology*, 54 (1): 52-61.

Juliastuti, J. (2019). Efektivitas daun katuk (Sauropus Androgynus) terhadap kecukupan asi pada ibu menyusui di Puskesmas Kuta Baro Aceh Besar. *Indonesian Journal for Health Sciences*, 3(1), 1-5.

Junquiera L.C., Carneiro J. (2003). *Basic Histology*, 10th ed. Lange, New York.

K,Gayathramma *et al*. (2012). Chemical constituents and antimicrobial activities of certain plant parts of *Sauropus androgynus L*. *International Journal of Pharmaand Bio Sciences*, 3(2):561- 566.

Kaltulski Krzysztof *et al*. (2024). Physiological changes in the mammary glands during a female's life. *Pol J Radiol*, 89: 386-390.

Kari IK. (1997). Anatomi payudara dan fisiologi laktasi dalam: ASI. Editor: Soetjiningsih. Jakarta: EGC.

Kass R, Mancino AT, Rosenbloom A, et al. Breast physiology: normal and abnormal

development and function. In: KI Bland, EM Copeland (eds), The Breast and Malignant Disorders. St Louis, MO: Elsevier; 2004.

Kathryn Pizali Nichol. (2005). Panduan menyusui. Edisi 1. Jakarta : Anak Prestasi Pustaka.

Kemenkes. 2017. Farmakope Herbal Indonesia. Edisi II

Kemenkes. (2016). Profil Kesehatan Indonesia. Jakarta: Kemenkes.

Kementrian Kesehatan RI. (2018). Riset kesehatan dasar 2017. Jakarta: Kemenkes RI.

Kementrian Kesehatan RI. (2018). Profil Kesehatan Indonesia 2017. Jakarta: Kemenkes RI.

Kemenkes. (2024). Webinar Series Pekan Menyusui Sedunia Tahun 2024 (serie ketiga). Available from: https://lms.kemkes.go.id/courses/586b35cd-1228-4390-8805-8150709676d2

Khan YS, Fakoya AO, Sajjad H. (2024). Anatomy, thorax, mammary gland.Available from:https://www.ncbi.nlm.nih.gov/books/NBK547666/

Kharisma Y & Ariyoga A & Sastramihardja HS. (2011). Efek ekstrak air buah pepaya (Carica papaya L.) muda terhadap gambaran histologi kelenjar mamma mencit laktasi. 43 (4): 160-165.

Khasanah, N., & Sukmawati, S. (2019). Peran suami dan petugas kesehatan dalam meningkatkan produksi ASI pada ibu menyusui di Kota Madya Yogyakarta. *BundaEdu-Midwifery Journal* (BEMJ), 2(1), 1-9.

Kim SY, Yi DY .(2020). Components of human breast milk: from macronutrient to microbiome and microRNA. Clin Exp Pediatr. 2020 Aug;63(8):301-309. doi: 10.3345/cep.2020.00059. Epub 2020 Mar 23. PMID: 32252145; PMCID: PMC7402982.

Kim-Godwin, Y.S. (2003). Postpartum beliefs and practices among non-Western cultures. *MCN: The American Journal of Maternal/Child Nursing, 28*(2):74- 78.

Kim *et al*. (1998). Compensatory nutrition-directed mammary cell proliferation and lactation in rats. *British Journal of Nutrition,* 79: 177-183.

Kivinen S, Kauppila A, Ylikorkala O, Puukka M. Effect of oral thyrotrophin releasing hormone on serum PRL, thyrotropin and total thyroxine levels in postpartum women. Z Geburtshilfe Perinatol. 1978 Apr;182:113-116.

Komunita. Id. (2016) Jenis sayuran yang memperlancar ASI, diakses 25 Februari 2018.

Krier SE. (2011). Our roots, our strength: the jamu industry, women's health and islam in contemporary indonesia (Doctoral Dissertation, University of Pittsburgh).

Kristiyanasari, W. (2011). ASI, Menyusui dan SADARI. Cetakan II. Yogyakarta; Nuha Medika

Król E, Frances T, Derous D, *et al*. (2023). Fur removal promotes an earlier expression of involution-related genes in mammary gland of lactating mice. *Journal of Comparative Physiology B.*, 193 :171-192.

Kuhn, . J. (1969). Progesterone withdrawal as the lactogenic trigger in the rat. *J. Endocr*. 44, 39-54.

Kuhn, N.J. (1969). Specificity of progesterone inhibition of lactogenesis. *J. Endocr*. 45, 615-616.

Kursia *et al*. (2016). Uji aktivitas antibakteri ekstrak etilasetat daun sirih hijau (*Piper betle L.)* terhadap bakteri *Staphylococcus epidermidis. IJPST* 3 (2):72- 77.

Kusumanegara *et al*. (2017). The difference of inhibitory zone between katuk (*Sauropus androgynous L. merr*.) leaf infusion and roselle (*Hibiscus sabdariffa L*.) petals towards oral *Candida albicans*. *Jurnal Farmasi Farmaka Suplemen* 29(2):118-122.

Kusumaningrum, I. D. (2019). Potensi daun pepaya (*Carica Papaya* L) sebagai alternatif memperlancar produksi ASI. *Surya Medika: Jurnal Ilmiah Ilmu Keperawatan dan Ilmu Kesehatan Masyarakat*, 12(2).

Labhsetwar, A. P. & Watson, D. J. (1974). Temporal relationship between secretory patterns of gonadotropins, estrogens, progestins, and prostaglandin-F in periparturient rats. *Biol. Reprod.*, 10:103-110.

Lawrence PF. Pharmacologic Adjuncts to Endovascular Procedures. In: Moore WS, Ahn SS, editors. Endovasc. Surg. (Fourth Ed., 2011, p. 807–813. https://doi.org/10.1016/B978-1-4160-6208-0.10078-3.

Leeson, C.R., Leeson, T. S. and Paparo, A. A. (1989). *Textbook of Histology,* WB Saunders Company, Philadelpia.

Liu, T. M. Y. & Davis, J. W. (1967). Induction of lactation by ovariectomy of pregnant rats. *Endocrinology*, 80:1043-1050.

Lucas JN, Rudmann DG, Credille KM, Irizarry AR, Peter A, Snyder PW. (2007). The rat mammary gland: morphologic changes as an indicator of systemic hormonal perturbations induced by xenobiotics. *Toxicologic Pathology*, 35(2):199-207.

Macias H, Hinck L. (2012). Mammary gland development. *Wiley Interdiscip Rev Dev Biol*., 1(4):533-557.

Mahatriny, N.N., et al. ( ). Skrining Fitokimia Ekstrak Etanol Daun Pepaya (*Carica Papaya L.*) yang Diperoleh dari Daerah Ubud, Kabupaten Gianyar, Bali.

Maisuthisakul P, Pasuk S, Ritthiruangdej P. (2008). Relationship between antioxidant properties and chemical composition of some Thai plants. *J Food Composition Anal*, 21:229-240.

Mantiri NC, Awaloei H, Posangi J. (2013). Comparison analgesics effects of red ginger puree (*Zingiber Officinale Var. Rubrum Thelaide*) with aspirin therapy doses toward the mice (*Mus musculus*). *J E Biomed*, 1:518-523.

Marmi. (2012). Asuhan neonatus, bayi, balita dan anak prasekolah. Yogyakarta: Pustaka Pelajar.

Mazzocchi, Alessandra; Giannì, Maria L.; Morniroli, Daniela; Leone, Ludovica;Roggero, Paola; Agostoni, Carlo; De Cosmi, Valentina; Mosca, Fabio. (2019). Hormones in breast milk and effect on infants' growth: A systematic review. *Nutrients* 11 (8): 1845.

McGuire TM.(2018)Drugs Affecting Milk Supply During Lactation. *Aust Prescr*. 2018;41(1):7-9. doi:10.18773/austprescr.2018.002

McManaman JL, Neville MC. Mammary physiology and milk secretion. Adv Drug Deliv Rev. 2003 Apr 29;55(5):629-41. doi: 10.1016/s0169-409x(03)00033-4. PMID: 12706546.

Medically reviewed by the Healthline Medical Network — Written by the Healthline Editorial Team on January 21, 2018.

Meschner, Antony L, Junqueira's (2018). *Basic Histology Text & Atlas*. United States: McGraw-Hill.

Metgud, C. S., Naik, V. A., & Mallapur, M. D. (2012). Factors affecting birth weight of a newborn- -a community based study in rural Karnataka, India. *PloS One*, 7(7): 40040.

Miller, T. T., Chatterton, R. T., Jr & Harris, J. A. (1974). Ultrastructure of the rat mammary gland after lactogenesis induced by perphenazine. *J. Reprod. Fert.*, 40:143-149.

Mills, E. S. & Topper, Y. J. (1970). Some structural effects of insulin, hydrocortisone, and prolactinon mammary gland explants. *J. Cell Biol.*, 44:310— 328.

Mira Dwi W. (2009). Buku Ajar Biologi Reproduksi, Jakarta: EGC.

Mulyani, Yuli Wahyu Tri *et al*. (2017). Ekstrak daun katuk (*Sauropus androgynus (L) Merr*) dengan binder sebagai terhadap acnes dan epidermidis. *IJCPR*7 (4):210-215.

Munford, R. E. (1963). Changes in the mammary glands of rats and mice during pregnancy, lactation and involution. *J. Endocr.*, 28:17-34.

Murad, T. M. (1970). Ultrastructural study of rat mammary gland during pregnancy. *Anat. Ree.*, 167:17-35.

Murtiana, T. (2011). Pengaruh konsumsi daun katuk dengan peningkatan produksi ASI pada ibu menyusui di wilayah Puskesmas Sawah Lebar KotaBengkulu tahun 2011. Jurusan Kebidanan, Politeknik Kesehatan Bengkulu, Bengkulu.

Mustofa, Yuliani FS , Purwono S, Sadewa AH , Damayanti E, Heriyanto DS. (2020). Polyherbal formula (ASILACT®) induces milk production in lactating rats through upregulation of α-lactalbumin and aquaporin expression. *BMC Complementary Medicine and Therapies*, 20: 368.

Mutiara K, Harijono, Estiasih T, Endang SW. (2013). Effect lactagogue moringa leaves (*Moringa oleifera Lam*) powder in rats white female wistar. *J Basic Appl Sci Res*, 3:430-4.

Najda Rifqiyati and Ana Wahyuni. (2019). Fennel (*Foeniculum vulgare*) leaf infusioneffect on mammary gland activity and kidney function of lactating rats. *Nusantara Bioscience*, 11: 101-105.

Novita & Franciska. (2011). Promosi kesehatan dalam pelayanan kebidanan.Jakarta: Salemba Medika.

Andarwulan, N. , Yuliana, N. , Hasna, E. , Aziz, S. and Davis, T. (2014). Comparative Analysis of Three Torbangun Clones (*Plectranthus amboinicus* (Lour.) Spreng) Based on Phenotypic Characteristics and Phenolic Content. American Journal of Plant Sciences. 5(2014): 3673-3683. doi: 10.4236/ajps.2014.524383.

Nurjanah, S *et al*. (2017). Pengaruh konsumsi ekstrak daun *Sauropus androgynus (L) Meer*

(katu) dengan peningkatan hormon prolaktin ibu menyusui dan perkembangan bayi di Kelurahan Wonokromo Surabaya. *JIK*, 10:24-35.

Oakes, S.R., Hilton, H.N. & Ormandy, C.J. (2006). Key stages in mammary gland development - The alveolar switch: coordinating the proliferative cues and cell fate decisions that drive the formation of lobuloalveoli from ductal epithelium. *Breast Cancer Res,* 8:207.

Oka, T. & Topper, Y. J. (1971). Hormone-dependent accumulation ofrough endoplasmic reticulum in mouse mammary epithelium cells in vitro. *J. biol. Chem*.,246: 7701—7707.

Owens, I. S., Vonderhaar, B. K. & Topper, Y. J. (1973). Concerning the necessary coupling of development to the proliferation of mammary epithelial cells. *J. biol. Chem*., 248: 472-477.

Padua LS, Bunyapraphatsara N, Lemmens RHMJ. (1999). Plant research of South- East Asia. *Medicinal and Poisonous Plants* 12(1).

Paul C, Zénut M, Dorut A, Coudoré MA, Vein J, Cardot JM, et al .(2015). Use of domperidone as a galactagogue drug: a systematic review of the benefit risk ratio. J Hum Lact.

Paul, Mariya and Anto, K. Beena. (2011). Antibacterial activity of *Sauropus androgynus (L.) Merr*. *Internat. J. Plant Sci*., 6 (1): 189-192.

Perinasia. (2004). Bahan Bacaan Manajemen Laktasi. Jakarta: Perkumpulan Perinatologi Indonesia.

Peters F, Schulze-Tollert J, Schuth W.(1991). Thyrotrophin-releasing hormone: a lactation promoting agent? Br J Obstet Gynaecol. 1991;98:880-885.

Piriya Chonsut, Palika Wetchakul, Jomkarn Naphatthalung, Chuchard Punsawad, Fendi Pradana, and Sineenart Sanpinit. (2023). Potential galactagogue effect of tri-than-thip remedy on milk synthesis in lactating rats: impact on milk production-related parameters. *Int. J. Med. Sci*., 20.

Poedinato. D.H. (2002). Kiat sukses menyusui. Jakarta : Aspirasi Pemuda.

Popjak, G., Folley, S. J. & French, T. H. (1949). Synthesis of the short-chain fatty acids of milk fat from acetate. *Archs Biochem*., 23:508-510.

Pratiwi *et al*. (2016). Exclusive breastfeeding improvement program using carica papaya leaf extract on the levels of prolactin hormones. *International Journal of Science and Research*

(IJSR) Sci., 7 (9): 548-551.

Prawiroharjo S. (2008). Buku acuan nasional pelayanan kesehatan maternaldan nasional. Jakarta: Yayasan Bina Pustaka.

Prior M. (2007). Papaya: helping you lose weight. Alternative-medicine.

Putri KS. (2018). Ekstrak temulawak, jumlah alveoli kelenjar mamma, peningkatan produksi air susu, tikus putih (*Rattus norvegicus*) laktasi. Thesis. Tersedia melalui http://repository.ub.ac.id/id/eprint/167522.

Qurrota, A., & Laily, A. N. (2011). Analisis fitokimia daun pepaya (*Carica papaya L.*) di balai penelitian tanaman aneka kacang dan umbi, Kendalpayak, Malang. 134–137.

Rahmadheny, S. (2020). The influence of papaya leaves (*Carica papaya*) on breast milk volume of postpartum women. *Blossom*, 1(1):44-50.

Rahmanisa, S dan Tara. (2016). Efektivitas ekstraksi alkaloid dan sterol daun katuk *(Sauropus androgynus*) terhadap produksi ASI. *Majority*, 5:117-121.

Ranasinghe P, Kaushalya WP, Abeysekera M, *et al*. (2012). In vitro erythrocyte membrane stabilization properties of *Carica papaya L.* leaf extracts. *Pharmacognosy,* 4 :196-202.

Renfrew MJ, Lang S, Woolridge M. Oxytocin for promoting successful lactation. Cochrane Database Syst Rev. 2000;(2):CD000156. Review.

Richards, R. C. & Benson, G. K. (1971). Ultrastructural changes accompanying involution of the mammary gland in the albino rat. *J. Endocr.*, 51:127—135.

Riksani, R. (2012). Keajaiban ASI (Air Susu Ibu). Jakarta : Dunia Sehat.

Roesli, Utami. (2008). Inisiasi menyusui dini plus ASI eksklusif. Jakarta: Pustaka Bunda.

Roshankhah, S., Jalili, C. & Salahshoor, M. Improvement of Phaseolus vulgaris on Breastfeeding in Female Rats. Asian Pacific J. Reprod. 8, 70–74 (2019)

Sabel MS, Anatomy and physiology of the breast. In: MS Sabel (ed.), Essentials of Breast Surgery. St Louis, MO: Mosby Elsevier; 2009.

Sahoo, H., Bhaiji, A., Santani, D. (2016). Lactogenic activity of *Teramnus labialis* (Linn.) fruit with special reference to the estimation of serum prolactin and cortisol level in nursing rats. *Indian J. Pharmacol*., 48:715.

Salahshoor MR, Mohammadi MM, Roshankhah S, and Jalili C. (2018). Effect of *Falcaria Vulgaris* on milk production parameters in female rats' mammary glands. *J Family Reprod Health* 12(4):177-183.

Sa'roni *et al*. (2004). Effectiveness of the Sauropus androgynus (L.) Merr leaf estract in increasing mother's breast milk production. *Media Litbang Kesehatan* 14 (3):20- 24.

Sampurno. (2007). Obat herbal dalam perspektif medik dan bisnis. *J Traditional Med* 12(42):1828.

Sánchez, A Fernández *et al*. (2011). Inflammation, oxidative stress, and obesity.*International Journal of Molecular Sciences*, 12(5):3117-3132.

Santoso S. (2009). Kesehatan dan Gizi. Jakarta : Rineka Cipta.

Sasha, G. (2013). Hits and myth : papaya and milk productions. Tersedia pada https://www.scmp.com/lifestyle/health/article/1298932/hits-and-myths- papaya- and-milk-production.

Satroasmoro, S & Ismael, S. (2011). Dasar-dasar metodologi penelitian klinis. Edisi 4. Jakarta:Sagung Seto.

Secretion at Parturition, pp. 5-25. Eds. M. Reynolds and S. J. Folley. University ofPennsylvania Press, Philadelphia.

Seigler D, Pauli G, Nahrstedt A, *et al*. (2002). Cyanogenic allosides and glucosides from Passiflora edulis and *Carica papaya*. *Phytochemistry* 60: 873-882.

Selvi, S dan Bashkar. (2012). Anti- inflammatory and analgesic activities of the *Sauropus androgynus (L)Merr. (Euphorbiaceae*) plant in experimental animal models. *Der Pharmacia Lettre* 4(3):782-785.

Sembiring, E. (2018). Pengaruh konsumsi daun katuk terhadap peningkatan produksi ASI pada ibu yang menyusui bayi 0-6 bulan di Kelurahan Perdamaian Kecamatan Stabat Kabupaten Langkat tahun 2018 (Doctoral Dissertation, Elya Rosa Br Sembiring).

Sengupta, P. (2013). The laboratory rat: relating its age with humans. *In J Prev Med* 4(6):624-630.

Septadina, I.S., Murti, K. and Utari, N. (2018). Efek pemberian ekstrak daun kelor (*Moringa oleifera*) dalam proses menyusui. *SJM*, 1:74-9.

Setiawandari dan Istiqomah. (2017). Efektifitas ekstrak *Sauropus Androgynus* (daun katuk) dan ekstrak *Moringa Oleifera Lamk* (daun kelor) terhadap proses persalinan, produksi kolostrum dan proses involusi uteri ibu postpartum embrio. *Jurnal Kebidanan*, 9(1):16-23.

Sherwood L. (2013). *Human physiology: From cells to systems*. 8th ed. USA: Thomson Brooks/Cole.

Shinde, Y., Ota, K. & Yokoyama, A. (1965). Lactose content of mammary glands of pregnant rats near term: effect of removal of ovary, placenta, and foetus.*J. Endocr.*, 31:105-114.

Simpson, M. H. W. & Kulkarni, P. N. (1973). Effect of perphenazine during late pregnancy on prolactin production and lactogenesis in the rat. *J. Endocr*., 57:431- 36.

Soetjiningsih. (2004). Buku ajar: tumbuh kembang remaja dan permasalahannya.Jakarta : Sagung Seto.

Soka, S., Alam, H., Boenjamin, N., Agustina, T.W. and Suhartono, M.T. (2010). Effect of *Sauropus androgynus* leaf extracts on the expression of prolactin and oxytocin genes in lactating BALB/C mice. *Lifestyle Genomics*, 3(1):31- 36.

Stein, O. & Stein, Y. (1967). Lipid synthesis, intracellular transport, and secretion II. Electron micro Scopic autoradiographic study of the mouse mammary gland. *J.Cell Biol*. 34:251-263.

Sternlicht, M.D. (2005). Key stages in mammary gland development: The cues that regulate ductal branching morphogenesis. *Breast Cancer Res*, 8:201.

Suparmi *et al*. (2016). Anti-anemia effect of chlorophyll from katuk (*Sauropus androgynus*) leaves on female mice induced sodium nitrite. *Harmacognosy Jjournal*, 8(4):375-379.

Suradi, R., H. K. Tobing. (2004). Manajemen laktasi. Program Manajemen.

Suryaningsih, Merlyna. (2009). Image of breasfeeding production between breastfeeding mothers who wear the *Sauropus androgynus* with no consumption. *Academy of Midwifery Ngudia Husada Madura Jawa Timur*, 2: 63-70.

Suwanti, E dan Kuswati. (2016). Pengaruh konsumsi ekstrak daun katuk terhadap kecukupan asi pada ibu menyusui di Klaten. *Jurnal Terpadu Ilmu Kesehatan*, 5:110-237.

Swafford S, Berens P (2000). Effect of fenugreek on breast milk production. Abstract 5th International Meeting of the Academy of Breastfeeding Medicine September 11-13, 2000, Tucson, Ariz Academy of Breastfeeding Medicine News and Views 2000;6(3).

Syaifuddin. (2011). *Anatomi fisiologi kurikulum berbasis kompetensi untuk keperawatan dan kebidanan* Edisi 4. Jakarta: EGC.

Syarif RA, Anggorowati N, Yuniyanti MM, Adyaksa DNM, Wahyuningsih MSH. (2023). Lactogenic activity of ethanolic extract of *Pluchea indica* Less leaf in lactating rats. *Journal of Herbmed Pharmacology*, 12(3) :380-387.

Tafzi, F., Andarwulan, N., Giriwonob, P. E. & Dewid, F. N. . Efficacy Methanol Extract of Torbangun Leaves (Plectranthus amboinicus) in Epithelial Cell of Mammary Gland MCF-12A. J. Ilmu Kefarmasian Indones. 15, 17–24 (2017).

Thomas Sevrin, Clair-Yves Boquien, Alexis Gandon, Isabelle Grit, Pierre de Coppet, Dominique Darmaun, and Marie-Cécile Alexandre-Gouabau. (2020). Fenugreek Stimulates the Expression of Genes Involved in Milk Synthesis and Milk Flow through Modulation of Insulin/GH/IGF-1 Axis and Oxytocin Secretion. *Genes*, *11*(10), 1208. https://doi.org/10.3390/genes11101208.

Tyson JE, Perez A, Zanartu J. Human lactational response to oral thyrotropin releasing hormone. J Clin Endocrinol Metab. 1976;43:760-776.

Tobon, H., Josimovich, J. B. & Salazar, H. (1972). The ultrastructure of the mammary gland during prolactin-induced lactogenesis in the rabbit. *Endocrinology*, 90:1569-1577.

Traurig, H. H. (1967). A radiographie study of cell proliferation in the mammary gland of the pregnant mouse. *Anat. Ree.* 159: 239-248.

Turkington, R. W. & Hill, R. L. (1969). Lactose synthetase: progesterone inhibition of the induction of a-lactalbumin. *Science, N.T.* 163:1458-1459.

Turlina, L., & Wijayanti, L. (2015). Pengaruh pemberian serbuk daun pepaya terhadap kelancaran asi pada ibu nifas di bpm Ny. Hanik Dasiyem, Amd. Kebdi Kedungpring Kabupaten Lamongan. *Jurnal Media Komunikasi Ilmu Kesehatan,*7:01.

Ugo, N.J., Ade, A.R. and Joy, A.T. (2019). Nutrient composition of carica papaya leaves extracts. *Journal of Food Science and Nutrition Research,* 2:274-282.

Vitalis, D., Witten, C., Pérez-Escamilla, R., 2022. Gearing up to improve exclusivebreastfeeding practices in South Africa. *PLoS One* 17, 1–12. https://doi.org/10.1371/journal.pone.0265012

Vojtisek B. Milk Thistel (silybum marianum) in the feed of ketotik cow. Veterinary Medicine. 1991.

WHO. (2001). *Iron Deficiency Anemia Assessment, Prevention, and Control: AguideFor Programme Managers*. Geneva : WHO.

WHO. (2009). Infant and Young Child Feeding: Model Chapter for Textbooks for Medical Students and Allied Health Professionals. Geneva: World Health Organization.

Worlk Alliances For Breastfeeding Action (WABA). (2018). Early breastfeeding can save more than one million babies. Press release Word Breastfeeding Week : Malaysia

Walker M. (2006). Breastfeeding management for the clinician: Using Lukhoba CW, Simmonds MSJ, Paton AJ. Plectranthus: a review of ethanobotanical uses. J Ethanopharmcol 2006;103:1-24.

Walpola BC, Subasinghe S, Yoon M. (2011). *Pterocarpus santalinus Linn.* (Rath handun):A review of its botany, uses, phytochemistry and pharmacology. *Journal of the Korean Society for Applied Biological Chemistry*, 54: 495- 500.

Weichert CE. (1979). Lactational reflex recovery in breast-feeding failure. Pediatrics. 1979;63:799 803.

Wellings, S. R. (1969). *Ultrastructural basis of lactogenesis. In Lactogenesis: The Initiation of Milk Secretion at Parturition*, 5-25. Eds. M. Reynolds and S. J. Folley. University of Pennsylvania Press, Philadelphia.

Whitten T, Soeriaatmadja RE, Afiff SA. (1999). Ekologi jawa dan bali jilid II. Prenhallindo, Jakarta.

Widiasih, R. (2008). Makalah seminar managemen laktasi "masalah-masalah dalam menyusui. Pustaka Unpad.

Widowati, L., Isnawati, A., Alegantina, S., & Retiaty, F. (2019). Potensi ramuan ekstrak biji klabet dan daun kelor sebagai laktagogum dengan nilai gizi tinggi. *Media Penelitian Dan Pengembangan Kesehatan*, 29(2):143-152.

Wiest, W. G. (1970). Progesterone and 20cx-hydroxypregn-4-en-3-one in plasma, ovaries and uteri during pregnancy in the rat. *Endocrinology*, 87:43—47.

Winarsih, *et al*. (2015). Efek antibakteri ekstrak daun katuk (*Sauropus androgynus*) terhadap pertumbuhan *Salmonella Typhi* secara In Vitro.

Wiradimadja, R. (2006). Peningkatan kadar vitamin A pada telur ayam melalui penggunaan daun katuk (*Sauropus androgynus L.Merr*).

World Health Organization. (2011). Global strategy for infant and young child feeding: The optimal duration of exclusive breast feeding. World Health Organization: Geneva.

Wulandari & Handayani. (2011). Asuhan kebidanan ibu masa nifas. Yogyakarta: Gosyen Publishing.

Xiang Zhou *et al*. (2016). Sinergistic effects of chinese herbal medicine: A comprehensive review of methodology and current research. *Frontiers in Pharmacology*.

Yagil R, Etzion Z, and Berlyne GM. (1976). Changes in rat milk quantity and quality due to variations in litter size and high ambient temperature. *Lab Anim Sci*. 26(1):33-7.

Yatim, Wildan. (1996). *Histologi*. Tarsito: Bandung.

Yogiraj, V., Goyal, P. K., & Chauhan, C. S. (2015). *Carica papaya* Linn : An overview. *International Journal of Herbal Medicine*, 2(5):1–8.

Yoshida K, Smith B, Craggs M, Kumar R. Neuroepileptic drugs in breast-milk: a study of pharmacokinetics and of possible adverse effects in breast-fed infants. Psychol Med. 1998;28:81-91.

Zarate A, Villalobos H, Canales ES, Soria L, Arcovedo F, MacGregor C. The effect of oral administration of thyrotropin-releasing hormone on lactation. J Clin Endocrinol Metab.

1976;43:301-305.

Zhang BD, Cheng JX, Zhang CF, *et al*. (2020). *Sauropus androgynus L*. Merr.-A phytochemical, pharmacological and toxicological review. *Journal of Ethnopharmacology*, 257.

Zhou G, Tang L, Wang T, Zhou X, Kou Z, Wu J, et al. (2016). Phytochemistry and pharmacological activities of Vaccaria hispanica (Miller) Rauschert: A review. Phytochem Rev 2016; 15(5): 813-827.

Zukhri, S *et al*. (2018). Uji sifat fisik dan antibakteri salep ekstrak daun katuk (*Sauropus androgynus (l) merr*.). *JIK*, XI(1).

Zunjar V, Mammen D, Trivedi BM, Daniel M. (2011). Pharmacognostic, physicochemicaland phytochemical studies on *Carica papaya Linn*. leaves. *Pharmacogn J*, 3:5-8.

Zuppa AA, Sindico P, Orchi C, Carducci C, Cardiello V, Romagnoli C.(2010). Safety and efficacy of galactogogues: substances that induce, maintain and increase breast milk production. J Pharm Pharm Sci. 2010;13(2):162-74. doi: 10.18433/j3ds3r. PMID: 20816003.