

DAFTAR PUSTAKA

- Ahmad, A.R., Juwita, J., Ratulangi, S.A.D. dan Malik, A., 2016. *Penetapan Kadar Fenolik Dan Flavonoid Total Ekstrak Metanol Buah Dan Daun Patikala (Etlingera Elatior (Jack) RmSm) Menggunakan Spektrofotometri UvVis*. Pharmaceutical Sciences And Research (Psr), 2(1), Pp.1-10.
- Ahmed, S. and Beigh, S. H. 2009. Ascorbic acid, carotenoids, total phenolic content and antioxidant activity of various genotypes of Brassica Oleracea encephala. *Journal of Medical and Biological Sciences* 3(1): 1-8.
- Alipanah, H., Bigdeli, M. R. and Esmaeili, M. A. (2018) ‘Inhibitory effect of Viola odorata extract on tumor growth and metastasis in 4T1 breast cancer model’, *Iranian Journal of Pharmaceutical Research*, 17(1), pp. 276–291.
- American Cancer Society., 2014. Cancer Facts & Figures 2014.
- Amundson, S.A., Myers, T.G., Scudiero, D., Kitada, S., Reed, J.C., dan Fornace, A.J., 2000, An Informatics Approach Identifying Markers of Chemosensitivity in Human Cancer Cell Lines, *Cancer Res*, 60:6101-6110.
- Aouali, N., Morjani, H., Trussardi, A., Soma, E., Giroux, B., dan Manfait, M., 2003, Enhanced Cytotoxicity and Nuclear Accumulation of Doxorubicin-loaded Nanospheres in Human Breast Cancer MCF-7 Cells Expressing MRP1, *International Journal of Oncology*, 23:1195-1201.
- American Type Culture Collection, 2008, Cell Biology, ATCC® Number: HTB-22TM, Designations: MCF-7.
- Aslam, M. S., Naveed, S., Ahmed, A., Abbas, Z., Gull, I., & Athar, M. A. 2014. *Side Effects of Chemotherapy in Cancer Patients and Evaluation of Patients Opinion about Starvation Based Differential Chemotherapy*, (July), 817–822.
- BPOM RI., 2011, *Peraturan Kepala BPOM RI Nomor HK 03.1.2.3.06.11.5629 tahun 2011 tentang persyaratan Teknis Cara Pembuatan Obat Tradisional Yang Baik*, Kepala BPOM, Jakarta.
- Badgujar, S. B., Patel, V. V., Bandivdekar, A. H., dan Mahajan, R. T. 2014. Traditional uses, phytochemistry and pharmacology of Ficus carica: A review. *Pharmaceutical Biology*, 52(11), 1487–1503.
- Budiman, A., Khambri, D., Bachtiar, H., 2013, *Faktor Yang Mempengaruhi Kepatuhan Berobat Pasien Yang Diterapi Dengan Tamoxifen Setelah Operasi Kanker Payudara*, Jurnal Kesehatan Andalas. 2013;2(1).

- Butt, A.J., Firth, S.M., King, M.A., dan Baxter, R.C., 2000, Insulin-Like Growth Factor-Binding Protein-3 Modulates Expression of Bax and Bcl-2 and Potentiates P53-Independent Radiation-Induced Apoptosis In Human Breast Cancer Cells, *Journal Biol Chem*, 275(50):39174-39181.
- CCRC (Cancer Chemoprevention Research Center). 2013. *Prosedur Tetap Uji Sitotoksik Metode MTT*. Yogyakarta: Fakultas Farmasi UGM.
- Chawla, Anshul., Ramandeep Kaur, Anil Kumar Sharma, 2012, “Ficus Carica Linn .: A Review on Its Pharmacognostic , Phytochemical and Pharmacological Aspects”. *International Journal of Pharmaceutical and Phytopharmacological Research* 1(4): 215-232; India.
- Chiappetta, A., dan Muzzalupo, I., 2012, Olive Germplasm – The Olive Cultivation, Table Olive and Olive Oil Industry in Italy, Italy : *Botanical Description*.
- Cicerale, S., Lucas, L., & Keast, R. 2010. Biological activities of phenolic compounds present in virgin olive oil. *International Journal of Molecular Sciences*, 11(2), 458–479.
- Costa, I., Moral, R., Solanas, M. et al. 2004. High-Fat Corn Oil Diet Promotes the Development of High Histologic Grade Rat DMBA-Induced Mammary Adenocarcinomas, While High Olive Oil Diet Does not. *Breast Cancer Research and Treatment* 86: 225.
- Dehpour, A. A., Ebrahimzadeh, M. A., Fazel, N. S. dan Mohammad, N. S., 2009. Antioxidant Activity of The Methanol Extract of Ferula assafoetida and Its Essential Oil Composition, *Grasas Aceites*.
- Depkes RI. Direktorat Pengendalian Penyakit Tidak Menular Direktorat PP dan PL.2009. *Buku Saku Pencegahan Kanker Leher Rahim dan Kanker Payudara*. Jakarta : Departemen Kesehatan RI.
- Depkes RI. 2000. *Parameter Standar Umum Ekstrak Tumbuhan Obat*. Jakarta : Departemen Kesehatan Republik Indonesia.
- DitJen POM a., 2014, *Farmakope Indonesia*. Edisi Kelima, Departemen Kesehatan Republik Indonesia, Jakarta, Hal.7, 503.
- DitJen POM b., 2014, *Parameter Standart Umum Ekstrak Tumbuhan Obat*, Departemen Kesehatan Republik Indonesia, Jakarta.
- Djajanegara, I. 2008. *Uji Sitotoksitas Ekstrak Ethanol 70 % Herba Ceplukan (Physalis angulata Linn.) Terhadap Sel WiDr Secara In Vitro*. Jurnal Kimia Valensi. Jurnal Penelitian dan Pengembangan Ilmu Kimia, Volume 1, No. 3, November 2008, p-ISSN: 2460-6065, e-ISSN: 2548-3031, P3T

Bioindustri Badan Pengkajian dan Penerapan Teknologi (BPPT) , Serpong.

Effendy., 2007. *Perspektif Baru Kimia Koordinasi Jilid I*. Malang: Banyu Media Publishing.

Farooqi, Ammad Ahmad., Sundas Fayyaz, Ana Sanches Silva, Antoni Sureda, Seyed Fazel Nabavi, Andrei Mocan, Seyed Mohammad Nabavi, dan Anupam Bishayee. "Oleuropein and Cancer Chemoprevention: The Link Is Hot." *Molecules* (Basel, Switzerland) 22, no. 5. 2017: 6–8.

Febriani, D., Mulyanti, M., Rismawati, E., 2015, *Karakterisasi Simplisia dan Ekstrak Etanol Daun Sirsak (Annona muricata L.)*, Prosiding Penelitian SPeSIA Unisba, Hal 475-480, ISSN : 2460-6472.

Ferlay J, Soerjomataram I, Ervik M, Dikshit R, Eser S, Mathers C, Rebelo M, Parkin DM, Forman D, Bray, F, 2013. Cancer incidence and mortality worldwide: source, methods, and major patterns in GLOBOCAN 2012. *Int Journal Cancer France: International Agency for Research on Cancer*, 136, E359-86.

Fotakis, G., and Timbrell, J.A., 2005, MTT and protein assay in hepatoma cell lines following exposure to cadmium chloride, *Toxicology Letters*, 160, pp. 171–177.

Ghanbari, Rahele, Farooq Anwar, Khalid M Alkharfy, dan Anwarul-hassan Gilani. Valuable Nutrients and Functional Bioactives in Different Parts of Olive (Olea Europaea L .)—A Review, 2012.

Hashmi, Muhammad Ali, Afsar Khan, Muhammad Hanif, Umar Farooq, and Shagufta Perveen. "Traditional Uses, Phytochemistry, and Pharmacology of Olea Europaea (Olive)." *Evidence-Based Complementary and Alternative Medicine* 2015.

Heinrich, M., Barnes, J., Gibbons, S., and Williamson, E. M., 2012. Fundamentals of Pharmacognosy and Phytotherapy, 2nd edition, Elsevier Ltd., British.

Huang, Guihong, Bo Tang, Kun Tang, Xiaomin Dong, Jungang Deng, Luqin Liao, Zengzhen Liao, Hua Yang, dan Songqing He. "Isoquercitrin Inhibits the Progression of Liver Cancer in Vivo and in Vitro via the MAPK Signalling Pathway." *Oncology Reports* 31, no. 5. 2014: 2377–84.

Indrati, R., Setyawan, H., Handojo, D., 2005, *Faktor Faktor Risiko Yang Berpengaruh Terhadap Kejadian Kanker Payudara Wanita*. PDF created with pdf Factory Pro trial version.

- Jasmine, R, K Manikandan., and Karthikeyan "Evaluating the Antioxidant and Anticancer Property of Ficus Carica Fruits" 14, no. 7 2015: *African Journal of Biotechnology* 634–41.
- John, B., Sulaiman C. T., Satheesh G., Reddy., 2014, Total Phenolics and Flavonoids in Selected Medicinal Plants in Kerala, Department of Botany, Bharathiyar University. *International Journal of Pharmacy and Pharmaceutical Sciences*. Vol 6, Issue 1, 2014. ISSN- 0975-1491.
- Joseph, B., dan Raj S.J., 2011, Pharmacognostic and Phytochemical Properties of Ficus carica Linn-An overwiew. *Int J Pharm Tech Res*, 3: 8-12.
- Kemenkes RI. 2016. *Pusdatin (Pusat Data dan Informasi) Kanker Payudara*. Jakarta : Kemenkes RI, ISSN : 2442-7659.
- Kementrian Agama RI. 1999. *Al-Qur'an dan Terjemahannya*. CV Toha Putra Semarang.
- Keen, J.C dan Davidson, N.E.2003. *The biology of breast carcinoma,Cancer*, 97: 825-833.
- Kholisah, Wahyul., 2017, *Penerapan Bioassay Guided Isolation Method Pada Isolasi Senyawa Aktif Antioksidan Dari Fraksi Etil Asetat Ekstrak Etanolik Daun Kopi Robusta (Coffea Canephora Peirre Ex Froehner),Skripsi*, Fakultas Kedokteran Prodi Farmasi UNISSULA, Semarang.
- Kristianti, A. N, N. S. Aminah, M. Tanjung, dan B. Kurniadi. 2008. *Buku Ajar Fitokimia*. Surabaya: Jurusan Kimia Laboratorium Kimia Organik FMIPA Universitas Airlangga. P.47-48.
- Lisi, Anastasia K. et al. 2017. *Uji Fitokimia dan Aktivitas Antioksidan dari Ekstrak Metanol Bunga Soyogik (Saurauia bracteosa DC.)*. Manado: UNSRAT.
- Mandal, S., Yadav, S., Yadav, S. and Nema, R. K. 2009. Antioxidants: a review. *Journal of chemical and pharmaceutical research* 1(1): 102-104.
- Mardawati, E; F. Filiany dan H. Marta. 2008. *Kajian Aktivitas Antioksidan Ekstrak Kulit Manggis (Garcinia mangostana L) Dalam Rangka Pemanfaatan Limbah Kulit Manggis Di Kecamatan Puspahiang Kabupaten Tasikmalaya*. Fakultas Teknologi Industri Pertanian Universitas Padjadjaran. Bandung.
- Masyhur, M., Kusworini, H., L Enggar F., M Rasjad I., 2011. *Quercetin as NF- κ B activation inhibition & MCP-1 level decreasing on HUVECs culture exposed by Leptin*. Jurnal Kedokteran Brawijaya, Vol. 26, No 4, Agustus 2011

- Materska, M. 2008. Quercetin and its Derivatives: Chemical Structure and Bioactivity - a Review. *Polish Journal of Food and Nutrition Sciences*, 58(4), 407–413.
- Mawa, Shukranul., Khairana Husain, dan Ibrahim Jantan. 2013. “Ficus Carica L . (Moraceae): Phytochemistry , Traditional Uses and Biological Activities”. *Hindawi Publishing Corporation Evidence-Based Complementary and Alternative Medicine* Volume 2013, Article ID 974256, 8 pages; Malaysia.
- Menchetner, E., Kyshtobayeva, A., Zonis, S., Kim, H., Stroup, R., Garcia, R., Parker, R.J., and Fruehauf, J.P., 1998, Levels of Multidrug Resistance (MDR1) P-Glycoprotein Expression by Human Breast Cancer Correlate with in Vitro Resistance to Taxol and Doxorubicin, *Clinical Cancer Research*, 4:389-398.
- Molyneux, P., 2004, The Use of The Stable Free Radical Diphenylpicryl-hydrazone (DPPH) for Estimating Antioxidant Activity, *Songklanakarin J. Sci. Technol.*, 26(2), 211-21.
- Morsy, F. S. (2014) ‘Efficiency of olive (Olea europaea L .) leaf extract as antioxidant and anticancer agents’.
- Muji, I., Dudas, S., & Hugueas, C. (2012). Determination of Fig Fruit Extracts (Ficus carica) Antioxidant Properties, 391–396.
- Mukhriani, 2014, *Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif*, Jurnal Kesehatan, 7(2): 361-367.
- Nugroho, A.E., Akbar, F.F., Wiyani, A., Sudarsono, 2015, Cytotoxic Effect and Constituent Profile of Alkaloid Fractions from Ethanolic Extract of Ficus septica Burm. f. Leaves on T47D Breast Cancer Cells, *Asian Pac J Cancer Prev*, 16 (16),7337-7342.
- Nurhayati , S., Teja, K., & Mukh, S., 2011. *Superoksida Dismutase (SoD) : Apa Dan Bagaimana Peranannya Dalam Radioterapi*. Batan: Pusat Teknologi Kesehatan dan Metrologi Radiasi
- Olyvia, E.P., Intan. S., Muhamad, A.W., 2017, *Uji Fitokimia Dan Toksisitas Minyak Atsiri Daun Pala (Myristica Fragans Houtt) Dari Pulau Lemukutan*, Progam Studi Kimia, Fakultas MIPA, Universitas Tanjungpura, Pontianak Vol 6(2), halaman 1-6 ISSN 2303-1077.
- Omar, S. H. 2010. Oleuropein in Olive and its Pharmacological Effects. *Sci Pharm Oleuropein in Olive and its*, (June).
- Onuki, R., Kawasaki, H., Baba, T., dan Taira, K., 2003, Analysis of A Mitochondrial Apoptotic Pathway Using Bid-Targeted Ribozymes in

- Human MCF7 Cells in the Absence of A Caspase-3-Dependent Pathway, *Antisense and Nucleic Acid Drug Development*, 13 (2): 75-82.
- Ouchemoukh, Amessis N., Ouchemoukh, S., Meziant, N., Idiri, Y., Hernanz, D., Stinco, C. M., ... Luis, J. (2017). Bioactive metabolites involved in the antioxidant , anticancer and anticalpain activities of *Ficus carica* L ., *Ceratonia siliqua* L . and *Quercus ilex* L . extracts. *Industrial Crops & Products*, 95, 6–17.
- Prasetyo dan Inorah, E., 2013, *Pengelolaan Budidaya Tanaman Obat-Obatan (Bahan Simplisia)*, Badan Penerbitan Fakultas Pertanian UNIB, Bengkulu.
- Prayong, P., Barusrux, S., Weerapreeyakul, N., 2008. *Cytotoxic activity screening of some indigenous Thai plants*, Fitoterapia, 79, pp. 598–601.
- Price, S. A. dan Wilson, L. M. 2006. *Patofisiologi : Konsep Klinis Proses-Proses Penyakit*, Edisi 6, Volume 1. Jakarta: EGC.
- Prunet, C., Lemaire-Ewing, S., Ménétrier, F., Néel, D., dan Lizard, G., 2005, Activation of Caspase-3-Dependent and -Independent Pathways During 7-Ketocholesterol- and 7 β -Hydroxycholesterol-Induced Cell Death: A Morphological and Biochemical Study, *Journal of Biochemical and Molecular Toxicology*, 19 (5): 311-326.
- Rahayu, Titis. 2014. *Uji Antioksidan, Kandungan Fenolat Dan Flavonoid Total Ekstrak Etanol Dari Daun Ubi Ungu (*Ipomoea batatas* L.) Yang Dikeringkan Menggunakan Freeze Drying*. Fakultas Farmasi Universitas Muhammadiyah Surakarta Surakarta : Skripsi.
- Razavi, S. M., Zahri, S., Zarrini, G., Nazemiyyeh, H., & Mohammadi, S. 2009. Biological activity of quercetin-3-O-glucoside, a known plant flavonoid. *Russian Journal of Bioorganic Chemistry*, 35(3), 376–378.
- Rohman, A., Riyanto, S., Yuniarti, N., Saputra, W.R., Utami, R., and Mulatsih, W., 2010, Antioxidant Activity, Total Phenolic and Flavonoid of Extrac and Fractions of Red Fruits (*Pandanus conoideus* Lam), *Int Food Research J.*, 17:97-106.
- Reynertson, K.A. 2007. *Phytochemical analysis of bioactive constituents from edible Myrtaceae fruit*.Dissertation. New York: The City University of New York.
- Reynolds, C.P. dan Maurer, B.J., 2005. Evaluating Response to Antineoplastic Drug Combinations in Tissue Culture Models, dalam: Chemosensitivity. *Humana Press, New Jersey*, hal. 173–184.

- Rosahdi, Tina Dewi., Kusmiyati, Mimin., Wijayanti, Fitri Retna., 2013. *Uji Aktivitas Daya Antioksidan Buah Rambutan Rapiyah Dengan Metode DPPH*, Volume VII No. 1 ISSN 1979-8911.
- Saifuddin A, Rahayu V, Teruna HY, 2011, *Standarisasi Bahan Obat Alam*, Graha Ilmu, Yogyakarta.
- Sanchez-quesada, C., Lopez-biedma, A., Gaforio, J., 2015, Oleanolic Acid, a Compound Present in Grapes and Olives, Protects against Genotoxicity in Human Mammary Epithelial Cells, *Molecules* , 20, 13670-13688.
- Sathishkumar, T., Baskar, R., Shanmugam, S., Rajasekaran, P., Sadashivam, S., dan Pietrick, R.H., and H.Dejong.2008. viability spermatozoon of spermatogenesis. *WB Saunders Company*.
- Smith, R.A., Baptiste, D. M., Brooks, D., Doroshenk, M., Fadewa, S., Saslow, D., Brawley, O, W., Wender, R., 2015,A Review of Current American Cancer Society Guidelines and Current Issues In Cancer Screening, *CA CANCER J CLIN* 2015;65:30–54.
- Smeltzer, C. S. dan Bare, G. B. 2002. *Buku Ajar Keperawatan Medikal-Bedah Brunner & Suddarth*. Jakarta: EGC.
- Soni, Neha., Mehta, Sanchi., Satpathy, Gouri., Gupta, Rajinder K.,2014. Estimation of nutritional, phytochemical, antioxidant and antibacterial activity of dried fig (*Ficus carica*). University School of Biotechnology, GGS Indraprastha University, Dwarka-110078, India. *Journal of Pharmacognosy and Phytochemistry* 2014; 3 (2): 158-165
- Suharti, Netty., Gustria, Yossi., Husni, Elidahanum., 2017, *Karakterisasi Simplisia dan Ekstrak Etanol Serta Uji Aktivitas Antioksidan Rimpang Jahe Merah (Zingiber Officinale Var. Vubrum Theilade) yang Diinokulasi Fungi Mikoriza Arbuskula (FMA)*, Jurnal Sains dan Teknologi Farmasi Vol. 19 Suplemen 1. Fakultas Farmasi Universitas Andalas, Padang.
- Sudarmanto, Irwan Dan Suhartati, Tati., 2015, *Aktivitas Antioksidan Senyawa Flavonoid Pada Kulit Akar Tanaman Ara (Ficus raemosa,L.)*. Fakultas MIPA, Universitas Lampung. Volume VI Nomor 2 Hal 137-141.
- Tamzil M.H., Noor R.R, Hardjosworo P.S, Manalu W., Sumantri C., 2014. Hematological response of chickens with different heat shock protein 70 genotypes to acute heat stress. *Int J Poult Sci*. 13:14-20.
- Tobo, F., Mufidah., Taebe, B., Mahmud, A.I., 2001. *Buku Pegangan Laboratorium Fitokimia I*, UNHAS, Makassar, 1 (83).
- Waterman, E., dan Lockwood, B. 2007. Active Components and Clinical Applications of Olive Oil, *Alternative Medicine Review* 12[4].

Widowati, L., Mudahar, H., 2009, *Uji Aktivitas Ekstrak Etanol 50% Umbi Keladi Tikus (*Typhoniumflagelliforme* (Lood) Bi) Terhadap Sel Kanker Payudara MCF-7 In Vitro*, Media Litbang Kesehatan 19 [1].

Zampieri, L., Bianchi, P., Ruff, P., dan Arbuthnot, P., 2002, Differential Modulation by Estradiol of P-glycoprotein Drug Resistance Protein Expression in Cultured MCF7 and T47D Breast Cancer Cells, *Anticancer Res.*, 22 (4): 2253-9.