

DAFTAR PUSTAKA

- Alley, M.C., Scudiero², D.A., Monks, A., Hursey, M.L., Czerwinski, M.J., Fine, D.L., Abbott, B.J., Mayo, J.G., Shoemaker, R.H. and Boyd, M.R. **1988**. Feasibility of Drug Screening with Panels of Human Tumor Cell Lines Using a Microculture Tetrazolium Assay¹. *Cancer Research*. 48. 589-601.
- Alqasoumi, S.I., Basudan, O.A., Al-Rehaily, A.J., Abdel-Kader, M.S. **2014**. Phytochemical and Pharmacological Study of *Ficus palmata* Growing in Saudi Arabia. *Saudi Pharm. J.* 22. 460-471.
- Arifin, S. **1985**. *Kimia Organik Bahan Alam*. Departemen Pendidikan dan Kebudayaan Universitas Terbuka.
- Aris, S.R.S., Mustafa, S., Ahmat, N., Jaafar, F.M., Ahmad, R. **2009**. Phenolic Content and Antioxidant Activity of Fruits of *Ficus deltoidea* Var *Angustifolia* SP. *The Malaysian Journal of Analytical Sciences*. 13(2): 146-150.
- Bafor, E.E., Lim, C.V., Rowan, E.G., Edrada-Ebel, R. **2013**. The Leaves of *Ficus exasperate* Vahl (Moraceae) Generates Uterine Active Chemical Constituents. *J. Ethnopharmacol.* (145): 803-812.
- Bandekar, H., Nagavekar, N dan Lele, S.S. **2013**. Studies on Banyan (*Ficus benghalensis* L.) Characterization of Fruit and Callus Induction. 2013. *J. Sci. Ind. Res.* 72: 553-557.
- Chaturvedula, V.S.P., Prakash, I. **2012**. Isolation of Stigmasterol and β -Sitosterol from the Dichloromethane Extract of *Rubus suavisissimus*. *Int. Curr. Pharm. J.* 1(9): 239-242.
- Chawla, A., Kaur, R., Sharma, A.K. **2012**. *Ficus carica* Linn: A Review on its Pharmacognostic, Phytochemical and Pharmacological Aspects. *Int. J. Pharm. Phytopharm. Res.* 1(4): 215-232.
- Darwis, D., Syukri, D. and Santoni, A. **2014**. The Thermal Resistance Anthocyanin from *Ficus padana* burm F. as an Alternative source of Food Dye. *J. Chem. Pharm. Res.* 6(10): 536-538.
- Dhungana, P., Devi, P. and Borthakur, S.K. **2013**. Pharmaceutical properties of Indian species of *Ficus* Linn. *Int. J. Pharm. Life Sci.* 4(1): 2314-2319.

Din, A.U., Uddin, G., Hussain, N., Khan, A., Khan, I., Shad, A.A. and Choudhary, M.I. **2013**. Bioassay-guided Isolation of New Antitumor Agent from *Ficus faveolata* (Wall. Ex Miq.). *J. Cancer Sci. Ther.* 5(11): 404-408.

Diwan, P.D., Gadhikar, Y.A. **2014**. Phytochemical Composition and Inhibition of Oral Pathogens by *Ficus benghalensis* (Linn.) Root Extracts. *Int. J. Pharm. Pharm. Sci.* 6(3): 111-114.

Donia, A.E.R.M., Soliman, G.A., Zaghloul, A.M., Alqasoumi, S.I., Awaad, A.S., Radwan, A.M., Basodan, O.A. **2013**. Chemical Constituents and Protective Effect of *Ficus ingens* (Miq.) Miq. on Carbon Tetrachloride-induced Acute Liver Damage in Male Wistar Albino Rats. *J. Saudi Chem. Soc.* 17: 125-133.

Gautam, S., Meshram, A., Bhagyawant, S.S, and Srivastava, N. **2014**. *Ficus religiosa*- Potential Role in Pharmaceuticals. *Int. J. Pharm. Sci. Res.* 5(5): 1616-1623.

Gerothanassis, I.P., Troganis, A., Exarchou, V and Barbarossou, K. **2002**. *Research and Practice in Europe.* 3(2): 229-252.

Gurial, M., Mitra, P., Ghosh, T., Gupta, S., Basu, B., Mitra, P.K. **2013**. 3,4 dihydroxyBenzoic acid Isolated from the Leaves of *Ageratum conyzoides* L. *European Journal of Biotechnology and Bioscience.* 1(4): 25-28.

Haralampidis, K., Trojanowska, M and Osbourn, A.E. **2002**. *Biosynthesis of Triterpenoid Saponin in Plants. Adv. Biochem. Eng./ Biotechnol.* Vol 75.

Herbert, R. B. **1995**. *Biosintesis Metabolit Sekunder*. Terjemahan oleh Srigandono, B. IKIP Semarang.

<http://www.asianplant.net>. Plants of Southeast Asia.

Imran, M., Rasoo, N., Rizwan, K., Zubair, M., Riaz, M., Zia-Ul-Haq, M., Rana, U.A., Nafady, A. and Jaafar, H.ZE. **2014**. Chemical Composition and Biological Studies of *Ficus benyamina*. *Chem. Cent. J.* 8:12.

Jain, R., Rawat, S., Jain, S. C. **2013**. Phytochemicals and antioxidant evaluation of *Ficus racemosa* root bark. *J. Pharm. Res.* (6): 615-619.

Joseph, B, and Raj, S.J. **2010**. Phytopharmacological and Phytochemical Properties of Three *Ficus* species – An Overview. *Int. J. Pharm. Bio Sci.* 1(4): 246-253.

- Joseph, B., Raj, S.J. **2011**. Pharmacognostic and Phytochemical Properties of *Ficus carica* Linn – An Overview. *Int. J. PharmTech Res.* 3(1): 8-12.
- Kaur, J. **2012**. Pharmacognostical and Preliminary Phytochemical Studies on the Leaf Extract of *Ficus pumila* Linn. *J. Pharmacogn. Phytochem.* 1(4): 105-111.
- Kedar, S.C., Kumaranag, K.M. and Saini, R.K. **2014**. First Report of *Trilocha (=Ocinara) Varians* and its Natural Enemies on *Ficus spp.* From Haryana, India. *J. Entomol. Zool. Stud.* 2(4): 268-270.
- Khan, K.Y., Khan, M.A., Ahmad, M., Hussain, I., Mazari, P., Fazal, H., Ali, B., and Khan, I.Z. **2011**. Hypoglycemic potential of genus *Ficus* L.: A review of ten years of Plant Based Medicine used to cure Diabetes (2000-2010). *J. App. Pharm. Sci.* 01(06): 223-227.
- Khine Swe Nyunt. **2014**. Isolation of Antitrypanosomal Compounds from Myanmar Medicinal Plants. Hokkaido University Collection of Scholarly and Academic Papers. Japan.
- Koay, Y.C., Wong, K.C., Osman, H., Eldeen, I.M.S. and Asmawi, M.Z. **2013**. Chemical Constituents and Biological Activities of *Strobilanthes crispus* L. *Rec. Nat. Prod.* 7(1): 59-64.
- Kristanti, A.N., Aminah, N. S., Tanjung, M. dan Kurniadi, B. **2008**. *Fitokimia*. Airlangga University Surabaya.
- Llagas, M.C.D.L., Santiago, L., Ramos, J.D. **2014**. Antibacterial Activity of Crude Ethanolic Extract and Solvent Fraction of *Ficus pseudopalma* Blanco Leaves. *Asian Pac. J. Trop. Dis.* 4(5): 367-371.
- Lushaini, S., Wibowo, M.A., Ardiningsih, P. **2015**. Kandungan Total Fenol, Aktivitas Antioksidan dan Sitotoksik Daun Kedadai (*Ficus variegata* Blume). *JKK.* 4(2): 1-5.
- Mahato, S.B. and Kundu, A.P. **1994**. Review Article Number 98: 13C NMR Spectra of Pentacyclic Triterpenoids-A Compilation and Some Salient Features. *Phytochemistry.* 37(6): 1517-1575.
- Manimozhi, D.M., Sankaranarayanan, S., Sampathkumar, G. **2012**. Evaluating the Antibacterial Activity of Flavonoids Extracted from *Ficus Benghalensis*. *Int. J. Pharm. Biolog. Res.* 3(1): 7-18.
- Mathew, G., Skaria, B.P. and Joseph, A. **2011**. Standardization of Conventional Propagation Techniques for Four Medicinal Species of Genus *Ficus* Linn. *Indian J. Nat. Prod. Resour.* 2(1): 88-96.

- Mbosso, E.J.T., Nguedia, J.C.A., Meyer, F., Lenta, B.N., Ngouela, S., Lallemand, B., Mathieu, V., Antwerpen, P.V., Njunda, A.L., Adiogo, D., Tsamo, E., Looze, Y., Kiss, R., Wintjens, R. **2012**. Ceramide, Cerebroside and Triterpenoid Saponin from the Bark of Aerial Roots of *Ficus elastica* (Moraceae). *Phytochemistry*. (83): 95-103.
- Molyneux, P. **2004**. The Use of the Stable Free Radical *Diphenylpicrylhydrazyl* (DPPH) for Estimating Antioxidant Activity. *Songklanakarin J. Sci. Technol.* 26. 211-219.
- Muanda, N.F., Dicko, A., Soulimani, R. **2010**. Chemical Composition and Biological Activities of *Ficus capensis* Leaves Extracts. *J. Nat. Prod.* 3. 147-160.
- Owen, T. 1996. *Fundamentals of UV-visible Spectroscopy*. Hewlett-Packard Company.
- Patil, V.V. and Patil, V.R. **2011**. Evaluation of Anti-inflammatory Activity of *Ficus carica* Linn. Leaves. *Indian J. Nat. Prod. Resour.* 2(2): 151-155.
- Pranuthi, E.K., Narendra, K., Swathi, J., Sowjanya, K.M., Reddi, K.V.N.R., Emmanuel, Rev Fr.S., Satya, S.J.A.K. **2014**. Qualitative Assessment of Bioactive Compounds from a Very Rare Medicinal Plant *Ficus dalhousiae* Miq. *J. Pharm. Phytochem.* 3(1): 57-61.
- Ragasa, C.Y., Ng V.A.S., and Shen, C.C. **2013**. Triterpenes from *Ficus nervosa*. *J. Chem. Pharm. Res.* 5(12): 1070-1073.
- Rakshith, D., Santosh, P., Satish, S. **2013**. Isolation and Characterization of Antimicrobial Metabolite Producing Endophytic *Phomopsis* sp. From *Ficus pumila* Linn. (Moraceae). *Int. J. Chem. Anal. Sci.* 4: 156-160.
- Ravichandra, V.D., Paarakh, P.M. **2011**. Pharmacognostic and Phytochemical Investigation on Leaves of *Ficus hispida*. *Int. J. Pharm. Pharm. Sci.* 3(2): 131-134.
- Ronsted, N., Weiblen, G.D., Clement, W.L., Zerega, N.J.C. and Savolainen, V. **2008**. Reconstructing the phylogeny of figs (*Ficus*, Moraceae) to reveal the history of the fig pollination mutualism. *Symbiosis*. 45.
- Sarker, S.D., Nahar, L., Kumarasamy, Y. **2007**. Microtitre Plate-based Antibacterial Assay Incorporating Resazurin as an Indicator of Cell Growth, and Its Application in the *in Vitro* Antibacterial Screening of Phytochemicals. *Methods*. 42: 321-324.

- Silverstein., Bassler and Morrill. **1986**. *Penyidikan Spektrometrik Senyawa Organik* terjemahan oleh Hartono, A.J., Purba, A.V. Penerbit Erlangga. Indonesia.
- Sirisha, N., Sreenivasulu, M., Sangeeta, K., Chetty, C.M. **2010**. Antioxidant Properties of *Ficus* Species – A Review. *Int. J. PharmTech Res.* 2(4): 2174-2182.
- Somashekhar, N., Nayeem, N., AR M. **2013**. Botanical Study of Four *Ficus* Species of Family Moraceae: A Review. *Int. J. Universal Pharmacy and Bio Sciences.* 2(6): 558-570.
- Soni, N., Mehta, S., Satpathy, G., Gupta, R.K. **2014**. Estimation of Nutritional, Phytochemical, Antioxidant and Antibacterial Activity of Dried Fig (*Ficus carica*). *J. Pharmacogn. Phytochem.* 3(2): 158-165.
- Sonibare, M.A., Jayeola, A.A. and Egunyomi, A. **2004**. A Morphometric Analysis of the Genus *Ficus* Linn. (Moraceae). *Afr. J. Biotechnol.* 3(4): 229-235.
- Stuart, B. **2004**. *Infrared Spectroscopy Fundamentals and Applications. Analytical Techniques in the Sciences.* John Wiley and Sons, Ltd.
- Sukadana, I.M. **2010**. Aktivitas Antibakteri Senyawa Flavonoid dari Kulit Akar Awar-awar (*Ficus septica* Burm F). *Jurnal Kimia* 4(1): 63-70.
- Supratman, U. **2005**. *Elusidasi Struktur Senyawa Organik.* Jurusan Kimia Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Padjadjaran. Bandung.
- Suryati., Nurdin, H., Dachriyanus, dan Lajis, M.N.H. **2009**. Profil Fitokimia dan Aktifitas Antiacetylcholinesterase dari Daun Tabat Barito (*Ficus deltoidea* Jack). *J. Ris. Kim.* 2(2): 169-172.
- Suryati., Nurdin, H., Dachriyanus, and Lajis, M.N.H. **2010**. Characterization Antibacterial constituent from *Ficus deltoideus* Jack Leaves. *Majalah Farmasi Indonesia.* 21(2): 134-138.
- Suryati., Lucida, H., Dachriyanus. **2015**. Formulation of Sunscreen Cream of Germanicol cinnamate from the Leaves of Tabat barito (*Ficus deltoidea* Jack) and an Assay of its' Sun Protection Factor. *Int. J. Pharm. Sci. Rev. Res.* 32(1): 104-107.

- Syukri, D., Darwis, D. and Santoni, A. **2013**. Preparative HPLC for the Purification of Major Anthocyanins from *Ficus padana* Burm.L. *Res. J. Chem. Sci.* 3(12): 60-64.
- Syukri, D., Darwis, D and Santoni, A. **2013**. Simple Characterization of Anthocyanin from *Ficus padana* Burm f. *J. Chem. Pharm. Res.* 5(12): 1276-1282.
- Weiblen, G.D. **2000**. Phylogenetic Relationships of Functionally Dioecious *Ficus* (Moraceae) Based on Ribosomal DNA Sequences and Morphology. *Am. J. Bot.* 87(9): 1342-1357.
- Wei, S.P., Luan, J.Y., Lu, L.N., Wu, W.J. and Ji, Z.Q. **2011**. A New Benzofuran Glucoside from *Ficus tikoua* Bur. *Int.J. Mol. Sci.* (12). 4946-4952.
- Weli, A.M., Al-Blushi, A.A.M., Hossain, M.A. **2015**. Evaluation of Antioxidant and Antimicrobial Potential of Different Leaves Crude Extracts of Omani *Ficus carica* Against Food Borne Pathogenic Bacteria. *Asian Pac. J. Trop. Dis.* 5(1): 13-16.
- Xue-gui, W., Xiao-yi, W., Xing-yan, H., Li-tao, S., Yong-qing, T. and Han-hong, X. **2011**. Insecticidal Constructure and Bioactivities of Compounds from *Ficus sarmentosa* var. henryi. *Agr. Sci. China.* 10(9): 1402-1409.

