

DAFTAR PUSTAKA

- Bhandari, M. R. and Kawabata, J., 2004, Organic acid, phenolic content and antioxidant activity of yam (*Dioscorea* spp.) tubers of Nepal, *Food Chem.*, **88**, 163 – 168.
- Bhandari, S. R., Kapadi, A. H., Mujumder, P. L., Joardar, M., Shoolery, J. N., 1985, Nudol, a phenantrene of the orchids *Eulophia nuda*, *Aria carinata* and *Eria stricta*, *Phyt.*, **24**, 801 – 804.
- Biswas, M., Som, U. K., Ghosh, P. K., Dutta, C. P., Banerji, A., 1988, Prazerol, a new 9,10-dihydrophenanthrene derivative isolated from *Dioscorea prazeri*, *Tetra.*, **44**, 4871 – 4876.
- Chiu, C., Deng, J., Cheng, H., Chen, Y., Lee, M., Hou, W., Lee, C., Huang, S., Huang, G., 2013, Antioxidant and anti-inflammatory properties of taiwanese yam (*Dioscorea japonica* Thunb. var. *pseudojaponica* (Hayata) Yamam.) and its reference compounds, *Food Chem.*, **141**, 1087 – 1096.
- Cho, J., Choi, H., Lee, J., Kim, M., Sohn, H., Lee, D. L., 2013, The antifungal activity and membrane-disruptive action of dioscin extracted from *Dioscorea nipponica*, *Bioc. et Biop. Act.*, **1828**, 1153 – 1158.
- Dewick, P. M., 2009, *Medicinal Natural Products: A Biosynthetic Approach, Third Edition*, UK, John Wiley & Sons Ltd.
- Gritter, R. J., Bobbitt, J. M., Schwarting, A. E., 1991, *Pengantar Kromatografi (Penerjemah: Padmawinata, K.)*, Bandung, Penerbit ITB.
- Gupta, D., Singh, J., 1989, *p*-Hydroxy acetophenone derivatives from *Dioscorea bulbifera*, *Phyt.*, **28**, 947 – 949.
- Harborne, J. B., 1987, *Metode Fitokimia, Penentuan Cara Modern Menganalisis Tumbuhan (Penerjemah: Padmawinata, K. dan Soediro, I.) Terbitan Kedua*, Bandung, ITB.
- Jeong, E., Kim, M., Lee, H., 2011, Active compound isolated from *Dioscorea japonica* roots with fumigant activity againts house dust and stored food mites, *J. Korean Soc. Appl. Bioll. Chem.*, **54**, 806 – 810.
- Kim, K. H., Kim, M. A., Moon, E., Kim, S. Y., Choi, S. Z., Son, M. W., Lee, K. R., 2011, Furastonol saponins from the rizhomes of *Dioscorea japonica* and their effects of NGF induction, *Bio. and Med. Chem.*, **21**, 2075 – 2078.

- Kristanti, A. N., Aminah, N. S., Tanjung, M., Kurniadi, B., 2008, *Buku Ajar Fitokimia*, Surabaya, Airlangga University Press.
- Kuete, V., Teponno, R. B., Mbaveng, A. T., Tapondjou, L. A., Meyer, J. J. M., Barboni, L., Lall, N., 2012, Antibacterial activities of the extracts, fractions and compounds from *Dioscorea bulbifera*, *BMC Comp. and Alt. Med.*, **12**, 228.
- Luo, D., 2014, Structural investigation of polysaccharide (DMB) purified from *Dioscorea Nipponica Makino*, *Carb. Poly.*, **103**, 261 – 266.
- Majumder, P. L. and Kar, A., 1987, Confusarin and confusaridin, two phenanthrene derivatives of the orchid *Eria confusa*, *Phyt.*, **26**, 1127 – 1129.
- Markham, K. R., 1988, *Cara Mengidentifikasi Flavonoid (Penerjemah Padmawinata, K.)*, Bandung, ITB.
- Martin, F. W., 1974, *Tropical Yam and Their Potention Part I. Dioscorea esculenta*, Washington DC: Agricultural Research Service, United States Department of Agriculture.
- Molyneux, P., 2004, The use of the stable free radical diphenylpicrylhydrazyl (DPPH) for estimating antioxidant activity, *J. Sci. Tech.*, **26**, 211 – 219.
- Murugan, M. & Mohan, V. R., 2012, In vitro antioxidant studies of *Dioscorea esculenta* (Lour). Burkill, *Asian Pas. J. of Trop. Biom.*, S1620 – S1624.
- Purnomo, Daryono, B. S., Rugayah, Sumardi, Issirep, 2012, Studi Etnobotani *Dioscorea* spp. (*Dioscoreaceae*) dan Kearifan Budaya Lokal Masyarakat di Sekitar Hutan Wonosadi Gunung Kidul Yogyakarta, *J. Nat. Ind.*, **14**, 191 – 198.
- Sautour, M., Mitaine-Offer, A. C., Miyamoto, T., Wagner, H., Lacaille-Dubois, M. A., 2004, A new phenanthrene glycoside and other constituents from *Dioscorea opposita*, *Chem. Pharm. Bull.*, **52**, 1235 – 1237.
- Sharma, O. P., Bhat, T. K., 2009, DPPH antioxidant assay revisited, *Food Chem.*, **113**, 1202 – 1205.
- Silalahi, J., 2006, *Makanan Fungsional*, Yogyakarta, Kanisius.
- Sim, K. S., Sri, A. M., Norhanom, W., 2010, Phenolic content and antioxidant activity of crude and fractioned extract of *Periskia bloe* (Kunth) DC. (*Cactaceae*), *Afr. J. of Phar. and Pharm.*, **4(5)**, 193 – 201.
- Stenis, C. G. G. J. V., 1981, *Flora*, Jakarta, Pradnya Paramita.

- Sunder, R., Rangaswami, S., Reddy, G. C. S., 1978, A new dihydrophenanthrene from *Dioscorea decipiens*, *Phyt.*, **17**, 1067.
- Supratman, U., 2010, *Elusidasi Struktur Senyawa Organik*, Bandung, Widya Padjadjaran.
- Szabo, M. R., Iditoiu, C., Chambre D., Lupea, A. X., 2007, Improved DPPH Determination for Antioxidant Activity Spectrophotometric Assay, *Chem. Pap.*, **61**, 214 – 216.
- Teponno, R. B., Ponou, B. K., Tapondjou, L. A., Barboni, L., 2013, Bafoudiosbulbin H, a new clerodane diterpene from the flowers of *Dioscorea bulbifera* L. var *sativa*, *Phyt. Lett.*, **6**, 310 – 314.
- Tewtrakul, S. dan Itharat, A., 2006, Anti-allergic substances from the rhizomes of *Dioscorea membranaceae*, *Bio. and Med. Chem.*, **14**, 8707 – 8711.
- Valko, M., Leibfritz, D., Moncol, J., Cronin, M. T. D., Mazur, M., Telser, J., 2007, Free radicals and antioxidants in normal physiological functions and human disease, *The Int. J. of Bioc. and Cell Bio.*, **39**, 44 – 84.
- Woo, K. W., Moon, E., Kwon, O. W., Lee, S. O., Kim, S. Y., Choi, S. Z., Son, M. W., Lee, K. R., 2013, Anti-neuroinflammatory diarylheptanoids from the rhizomes of *Dioscorea nipponica*, *Bio. and Med. Chem. Lett.*, **23**, 3806 – 3809.
- Yang, M. H., Yoon, K. D., Chin, Y. W., Park, J. H., Kim, J., 2009, Phenolic compounds with radical scavenging and cyclooxygenase-2 (COX-2) inhibitory activities from *Dioscorea opposita*, *Bio. and Med. Chem.*, **17**, 2689 – 2694.
- Zadak, Z., Hyspler, R., Ticha, A., Hronek, M., Fikrova, P., Rathouska, J., Hrnčiarikova, D., Stetina, R., 2009, Antioxidants and Vitamins in Clinical Conditions, *Phys. Res.*, **58**, S13 – S17.