

## DAFTAR PUSTAKA

- Aminah, S, Ramdhan, T, Yanis, M 2015, 'Kandungan Nutrisi dan Sifat Fungsional Tanaman Kelor (*Moringa oleifera*)', *Buletin Pertanian Perkotaan*, vol. 5, no.2, hlm. 35-44, diakses 8 November 2019, <http://jakarta.litbang.pertanian.go.id/ind/artikel%20bptp/buletin%20nutrisi%20kelor%20volume%205%20o%202%202015.pdf>
- Anwar, F, Latif, S, Ashraf, M, Gilani, AH 2007, '*Moringa oleifera*: A Food Plant with Multiple Medicinal Uses', *Phytother Research*, vol.21, no.1, hlm. 17-25, diakses 10 Januari 2020, doi: 10.1002/ptr.2023
- Armando, R 2009, *Memproduksi Minyak Atsiri Berkualitas Cetakan I*, Penerbit Penebar Swadaya, Jakarta.
- Bhargave, A, Pandey, I, Nama, KS, Pandey, M 2015, '*Moringa oleifera* Lam-Sanjana (*Horseradish Tree*)- A Miracle Food Plant with Multipurpose Uses In Rajasthan India- An Overview', *International Journal of Pure and Applied Bioscience*, vol.3, no.6, hlm. 237-248, diakses 14 Februari 2020, <http://dx.doi.org/10.18782/2320-7051.2169>
- Cameron, DK & Wang, YJ 2006, 'Application of Protease and High-Intensity Ultrasound in Corn Starch Isolation from Degermed Corn Flour', *Journal Food Science University Of Arkansas*, vol.83, no.5, hlm. 505-509, diakses 10 Januari 2020, <http://dx.doi.org/10.1094/CC-83-0505>
- Dahlan, SM 2013, *Besar Sampel dan Cara Pengambilan Sampel*, Salemba Medika, Jakarta.
- Dima, L, Fatimawali, Lolo, WA 2016, 'Uji Aktivitas Antibakteri Ekstrak Daun Kelor (*Moringa oleifera*) terhadap Bakteri *Eschericia coli* dan *Staphylococcus aureus*', *Pharmacon Jurnal Ilmiah Farmasi*, vol.5, no.2, hlm 282-289, diakses 24 Januari 2020, <https://ejournal.unsrat.ac.id/index.php/pharmacon/article/view/12273/11842>
- Departemen Kesehatan RI 2000, *Parameter Standar Umum Ekstrak Tumbuhan Obat*, Diktorat Jendral POM–Depkes RI, Jakarta.
- Departemen Kesehatan RI 2009, *Farmakope Herbal Indonesia*, Diktorat Jendral POM–Depkes RI, Jakarta.
- Farnsworth, NR 1966, 'Biological and Phytochemical Screening of Plants. *Journal of Pharmaceutical Sciences*', vol.5, no.3, hlm. 225-276, diakses 14 Januari 2020, doi: 10.1002/jps.2600550302
- Farooq, F, Rai, M, Tiwari, A, Khan, AA 2012, 'Medicinal Properties of *Moringa oleifera*: An Overview of Promising Healer', *Journal of Medicinal Plants*

- Research*, vol.6, no.27, hlm. 4368-4374, diakses 28 Maret 2020, doi: 10.5897/JMPR12.279
- Fahey, JW 2005, 'Moringa oleifera: A Review of the Medical Evidence for Its Nutritional, Therapeutic, and Prophylactic Properties', *Trees for Live Journal*, diakses 3 Mei 2020, doi: 10.1201/9781420039078.ch12
- Fuglie, L 2001, *The Miracle Tree : The Multiple Attributes of Moringa*, Dakar, Senegal.
- Garcia, JLL & Castro, MLL 2003, 'Ultrasound: a powerful for leaching', *Trends in Analytical Chemistry*, vol.22, no.1, hlm. 41-47, diakses 9 Juli 2019, [https://doi.org/10.1016/S0165-9936\(03\)00102-X](https://doi.org/10.1016/S0165-9936(03)00102-X)
- Gunawan, D & Mulyani, S 2004, *Ilmu Obat Alam (Farmakognosi Jilid I)*, Penebar swadaya, Jakarta.
- Halliwel, B 2007, 'Dietary polyphenols: good, bad, or indifferent for your health', *Cardiovascular Research*, vol.73, no.2, hlm. 341-347, diakses 24 Maret 2020, doi: 10.1016/j.cardiores.2006.10.004
- Handayani, H 2016, 'Ekstraksi Antioksidan Daun Sirsak Metode *Ultrasonic Bath*', *Jurnal Pangan dan Agroindustri*, vol.4, no.1, hlm. 262-272, diakses 9 Januari 2020, <https://www.jpa.ub.ac.id/index.php/jpa/article/view/327>
- Harborne, JB 1987, *Metode Fitokimia, Penuntun Cara Modern Menganalisis Tumbuhan*, Penerbit Institut Teknologi Bogor, Bandung.
- Heinrich, M, Barnes, J, Garcia, JP, Gibbons, S, Williamso, E 2018, *Fundamental of Pharmacognosy and Phytotherapi*, Elsevier, Hungary.
- Januarti, IB, Santoso, A, Razak, AS 2017, 'Ekstraksi Senyawa Flavonoid Daun Jati Dengan Metode Ultrasonik', *Media Farmasi Indonesia*, vol.12, no.2, hlm. 1259-1266, diakses 22 April 2020, <https://stifar.ac.id/ojs/index.php/MFI/article/view/22>
- Karadeniz, F, Burdurlu, HS, Koca, N, Soyer, Y 2005, 'Antioxidant activity of selected fruits and vegetables grown in Turkey', *Turkish Journal of Agricultural and Forest*, vol.29, no.1, hlm. 297-303, diakses 17 Februari 2020, <https://www.semanticscholar.org/paper/Antioxidant-Activity-of-Selected-Fruits-and-Grown-Karadeniz-Burdurlu>
- Kasolo, JN, Bimeya, GS, Ojok, L, Ochieng, J, Okwal-okeng, JW 2010, 'Phytochemicals and Uses of Moringa oleifera Leaves in Ugandan Rural Communities', *Journal of Medical Plant Research*, vol.4, no.9, hlm. 753-757, diakses 29 April 2020, [https://www.researchgate.net/publication/242683596\\_Phytochemicals\\_and\\_uses\\_of\\_Moringa\\_oleifera\\_leaves\\_in\\_Ugandan\\_rural\\_communities](https://www.researchgate.net/publication/242683596_Phytochemicals_and_uses_of_Moringa_oleifera_leaves_in_Ugandan_rural_communities)

- Krisnadi, AD 2010, *Kelor Super Nutrisi*, Pusat Informasi dan Pengembangan Tanaman Kelor Indonesia, Blora.
- Kurniasih 2013, *Khasiat dan Manfaat Daun Kelor*, Pustaka Baru Press, Yogyakarta.
- Marliana, SD, Suryanti, V, Suyono 2005, 'Skrining Fitokimia dan Analisis Kromatografi Lapis Tipis Komponen Kimia Buah Labu Siam (*Sechium edule* Jacq. Swartz.) dalam Ekstrak Etanol', *Biofarmasi*, vol.3, no.1, hlm. 26-31, diakses 17 Februari 2020, <https://core.ac.uk/reader/12345756>
- Middleton, EC, Kandaswami, C, Theoharides, TC 2000, 'The effects of plant flavonoids on mammalian cells: implications for inflammation, heart disease, and cancer', *Pharmacological Reviews*, vol.52, no.4, hlm. 673-751, diakses 8 Juni 2019, <http://pharmrev.aspetjournals.org/content/52/4/673>
- Mir, SA, Bhat, AS, Ahangar, AA 2014, 'A simplified 2, 4-Dinitrophenylhydrazine Assay for Flavonoids and its Comparison with a Standard Flavonoid Assay', *International Journal of PharmTech Research*, vol.6, no.2, hlm. 751-758, diakses 7 Juli 2019, [https://www.researchgate.net/publication/283625240\\_A\\_simplified\\_2\\_4-dinitrophenylhydrazine\\_assay\\_for\\_flavonoids\\_and\\_its\\_comparison\\_with\\_a\\_standard\\_flavonoid\\_assay](https://www.researchgate.net/publication/283625240_A_simplified_2_4-dinitrophenylhydrazine_assay_for_flavonoids_and_its_comparison_with_a_standard_flavonoid_assay)
- Rollaf, AH, Weisgerber, U, Lang, BS 2009, *Moringa oleifera LAM*, WILEY-VCH Verlag GmbH & Co. KgaA, Weinheim.
- Romadhoni, DA 2013, *Efek Pemberian Ekstrak Air Daun Kelor (Moringa oleifera) Terhadap Kadar LDL dan HDL Serum Tikus Putih (Rattus norvegicus) Strain Wistar Yang Diberi Diet Aterogenik*, Karya Tulis Ilmiah Fakultas Kedokteran Hewan, Universitas Brawijaya, diakses 19 April 2020, <http://repository.ub.ac.id/126905/>
- Sharif, IH, Hasan, M, Shakil, M, Nazmuzzaman, M, Banu, NA, Islam, MR, Jamal MAHM 2016, 'A Review of Phytochemical and Pharmacological Profile of Moringa oleifera Lam', *Journal of Life Science and Biotechnology*, vol.3, hlm. 75-87, diakses 20 Desember 2019, doi: 10.1234.67/jlsb.1010
- Sholihah, M, Ahmad, U, Budiastara, IW 2017, 'Aplikasi Gelombang Ultrasonik untuk Meningkatkan Rendemen Ekstraksi dan Efektivitas Antioksi dan Kulit Manggis', *Jurnal Keteknik Pertanian*, vol.5, no.2, hlm. 161-168, diakses 31 Desember 2019, doi: 10.19028/jtep.05.2
- Soni, M, Patidar, K, Jain, D, Jain, S 2010, 'Ultrasound Assisted Extraction (UAE): A Novel Extraction Technique for Extraction of Nutraceuticals from Plants', *Journal of Pharmacy Research*, vol.3, no.3, hlm. 636-638, diakses 18 Maret 2020, [http://jprsolutions.info/article\\_detail.php?article\\_id=727](http://jprsolutions.info/article_detail.php?article_id=727)

- Sreelatha, S & Padma, PR 2009, 'Antioxidant Activity and Total Phenolic of *Moringa oleifera* Leaves in Two Stage of Maturity', *Plant Foods for Human Nutrition*, vol.64, no.4, hlm. 303-311, diakses 1 Desember 2019, doi: 10.1007/s11130-009-0141-0
- Sulistiyawati, R & Pratiwi, P 2015, 'Pengaruh Pemberian Ekstrak Etanol Daun Kelor (*Moringa oleifera*) Terhadap Aktivitas Analgetik dan Antiinflamasi melalui Ekspresi Enzim Siklooxygenase', *Pharmaciana*, vol. 6, no.1, hlm. 31-38, diakses 19 Desember 2019, [http://journal.uad.ac.id/index.php/PHARMACIANA/article/view/3043/pdf\\_3](http://journal.uad.ac.id/index.php/PHARMACIANA/article/view/3043/pdf_3)
- Sulistiyorini, R, Sarjadi, Johan, A, Djamaitun, K 2015, 'Pengaruh Ekstrak Etanol Daun Kelor (*Moringa oleifera*) Pada Ekspresi Insulin dan Insulinitis Tikus Diabetes Melitus', *MKB*, vol.47, no.2, hlm. 69-76, diakses 4 Maret 2020, doi: 10.15395/mkb.v47n2.456
- Susanti, NMP, Budiman, I, Warditani, NK 2014, 'Skrining Fitokimia Ekstrak Etanol 90% Daun Katuk (*Sauropus androgynous* (L.) Merr.)', *Jurnal Farmasi Udayana*, vol.3, no.1, hlm. 83-86, diakses 8 Januari 2020, <https://ojs.unud.ac.id/index.php/jfu/article/view/12035>
- Susanty, Yudistirani, SA, Islam MB 2019, 'Metode Ekstraksi untuk Perolehan Kandungan Flavonoid Tertinggi dari Ekstrak Daun Kelor', *Jurnal KONVERSI*, vol.8, no.2, hlm. 32-36, diakses 31 Desember 2020, <https://doi.org/10.24853/konversi.8.2.6>
- Sutrisno, L 2011, *Efek Pemberian Ekstrak Methanol Daun Kelor (Moringa Oleifera) Meningkatkan Apoptosis Pada Sel Epitel Kolon Tikus (Rattus Norvegicus) Wistar Yang Diinduksi 7,12 Dimetilbenz (α) Antrasen (DMBA)*, Karya Tulis Ilmiah Fakultas Kedokteran, Universitas Brawijaya.
- Tejas, G, Umang, J, Payal, B, Tusharbindu, D 2012, 'A Panoramic View On Pharmacognostic, Pharmacological, Nutritional, Therapeutic and Prophylactic Value of *Moringa oleifera* Lam', *International Research Journal of Pharmacy*, vol.3, no.7, hlm. 1-7, diakses 8 Mei 2020, [https://www.researchgate.net/publication/241686678\\_A\\_PANORAMIC\\_VIEW\\_ON\\_PHARMACOGNOSTIC\\_PHARMACOLOGICAL\\_NUTRITIONAL\\_THERAPEUTIC\\_AND\\_PROPHYLACTIC\\_VALUES\\_OF\\_MORINGA\\_OLEIFERA\\_LAM](https://www.researchgate.net/publication/241686678_A_PANORAMIC_VIEW_ON_PHARMACOGNOSTIC_PHARMACOLOGICAL_NUTRITIONAL_THERAPEUTIC_AND_PROPHYLACTIC_VALUES_OF_MORINGA_OLEIFERA_LAM)
- Tohir, AM 2010, 'Teknik ekstraksi dan aplikasi beberapa pestisida nabati untuk menurunkan palatabilitas ulat grayak (*Spodoptera litura*)', *Buletin Teknik Pertanian*, vol.15, no.1, hlm. 37-40, diakses 20 Juli 2020, [https://www.academia.edu/3824847/TEKNIK\\_EKSTRAKSI\\_DAN\\_APLIKASI\\_BEBERAPA\\_PESTISIDA\\_NABATI\\_untuk\\_menurunkan\\_palatabilitas\\_ulat\\_grayak\\_Spodoptera\\_litura\\_Fabr\\_Perlakuan\\_Penurunan\\_aktivitas\\_makanan](https://www.academia.edu/3824847/TEKNIK_EKSTRAKSI_DAN_APLIKASI_BEBERAPA_PESTISIDA_NABATI_untuk_menurunkan_palatabilitas_ulat_grayak_Spodoptera_litura_Fabr_Perlakuan_Penurunan_aktivitas_makanan)

- Voight, R 1995, *Buku Pelajaran Teknologi Farmasi*, Universitas Gajah Mada, Yogyakarta.
- Wen, C, Zhang, J, Zhang, H, Dzah CS, Zabduke, M, Duan, Y, Ma, H, Luo, X 2018, 'Advances in Ultrasound Assisted Extraction of Bioactive Compound from Cash Crops', *Ultrasonics Sonochemistry*, vol.48, hlm. 538-549, diakses 6 April 2020, doi: 10.1016/j.ultsonch.2018.07.018
- Williams, AR 1983, *Ultrasound: Biological Effects and Potential Hazards*, Academic Press, New York.
- Wynsberghe, DV, Noback, CR, Carola, R 1995, *Human Anatomy and Physiology 3<sup>rd</sup> Edition*. Mc Graw – Hill Inc, New York.
- Zou, Y, Lu, Y, Wei, D 2004, 'Antioxidant Activity of Flavonoid Rich Ekxtract of *Hypericum Perforatum* L in vitro', *Journal of Agricultural and Food Chemistry*, vol.52, no.16, hlm. 5032-5039, diakses 28 Oktober 2020, doi: 10.1021/jf049571r

