

DAFTAR PUSTAKA

- Afifah, N., & Suryani, A. (2020). Perbandingan Metode Refluks dan Maserasi terhadap Kadar Flavonoid dan Fenolik Total Ekstrak Etanol Daun Kelor (*Moringa oleifera* Lam.). *Jurnal Pharmaceutics and Medical Science*, 5(2), 117–124. <https://ejournal3.undip.ac.id/index.php/pharmed/article/view/28607>
- Bani, G. A. (2023). *Pengantar Korosi dan Perlindungannya*. Deepublish.
- Barbu, C. A., Fierascu, I., Semenescu, A., & Cotrut, C. M. (2025). *Critical Review Regarding the Application of Plant Extracts as Eco-Friendly Corrosion Inhibitors — A Sustainable Interdisciplinary Approach*. 1–27.
- Bhardwaj, N., Sharma, P., & Kumar, V. (2021). *Phytochemicals as steel corrosion inhibitor : an insight into mechanism*. 39(1), 27–41.
- Bousbia, N., Abert Vian, M., Ferhat, M. A., Petitcolas, E., Meklati, B. Y., & Chemat, F. (2009). Comparison of two isolation methods for essential oil from rosemary leaves: Hydrodistillation and microwave hydrodiffusion and gravity. *Food Chemistry*, 114(1), 355–362. <https://doi.org/10.1016/j.foodchem.2008.09.106>
- Chemat F., Tomao V., & Viro M. (2008). Ultrasound-Assisted Extraction in Food Analysis. In *Handbook of Food Analysis Instrument*. (pp. 147–172). CRC Press. <https://doi.org/10.1201/b11240>
- Cicek, V. (2014). Corrosion Engineering. In 3 (Ed.), *Corrosion Engineering* (Vol. 9781118720). McGraw-Hill. <https://doi.org/10.1002/9781118720837>
- Fik-Jaskółka, M., et al. (2024)..pdf. (n.d.).
- Hahlbrock, K., & Grisebach, H. (1979). Enzymic Controls in the Biosynthesis of Lignin and Flavonoids. *Annual Review of Plant Physiology*, 30(1), 105–130. <https://doi.org/10.1146/annurev.pp.30.060179.000541>
- Harborne, J. . (1987). *Penuntun Cara Modern Menganalisis Tumbuhan, Terbitan Kedua*. ITB Press.
- Hedayati, S., Tarahi, M., Madani, A., & Mazloomi, S. M. (2025). *Towards a Greener Future : Sustainable Innovations in the Extraction of Lavender (Lavandula spp .) Essential Oil*. 1–30.

- Hidayah, N., & Sudarmanto, B. (2019). Uji Aktivitas Antioksidan dan Kandungan Flavonoid Total Ekstrak Etanol Daun Beluntas (*Pluchea indica* L.). *Seminar Nasional Kimia Dan Pendidikan Kimia IX*, 192–197. <https://www.researchgate.net/publication/338631789>
- Husaini, M. (2025). *Green Synthesized Nano-Inhibitors from Plant Extracts for Metal Corrosion Control : A Review*. 8(1), 28–50.
- Indriani, T. (2022). Efektivitas Ekstrak Daun Beluntas sebagai Inhibitor Korosi pada Baja Karbon dalam Larutan HCl. *Jurnal Sains Dan Rekayasa*, 10(2), 122–130.
- Ismanto, A. W. (2018). Ekstraksi Minyak Atsiri dari Daun Kayu Putih (*Melaleuca leucadendra* Linn.) dengan Metode Microwave Hydrodistillation dan Solvent-Free Microwave Extraction [Institut Teknologi Sepuluh Nopember]. In *Faculty of Industrial Technology Institut Teknologi Sepuluh Nopember*. <https://www.academia.edu/download/99818039/478725832.pdf>
- Lucchesi, M. E., Chemat, F., & Smadja, J. (2004). Solvent-free microwave extraction of essential oil from aromatic herbs: Comparison with conventional hydro-distillation. *Journal of Chromatography A*, 1043(2), 323–327. <https://doi.org/10.1016/j.chroma.2004.05.083>
- Meta-analysis, N. A., Vivo, I., Yanza, Y. R., Irawan, A., Jayanegara, A., Ramadhani, F., Szumacher-strabel, M., Hidayat, R., & Tanuwiria, U. H. (2024). *Saponin Extracts Utilization as Dietary Additive in Ruminant*.
- Mohammadhosseini, M. (2024). Recent advances in solvent-free microwave extraction of essential oils from aromatic plants. *Trends in Food Science & Technology*, 138, 91–103. <https://doi.org/10.1016/j.tifs.2023.11.008>
- Prajitno, A. (2007). Aktivitas Flavonoid sebagai Antibakteri dan Mekanisme Kerjanya. *Jurnal Farmasi Indonesia*, 4(1), 22–29.
- Pramana, R. I., Kusumastuti, R., Soedarsono, J. W., & Rustandi, A. (2013). Corrosion inhibition of low carbon steel by *Pluchea indica* less in 3.5% NaCl solution. In *Advanced Materials Research* (Vols. 785–786). <https://doi.org/10.4028/www.scientific.net/AMR.785-786.20>
- Pratiwi, D. A., Nurrahmi, H., & Suryaningrum, T. D. (2021). *Pengaruh Metode*

- Ekstraksi Terhadap Komposisi Kimia Minyak Atsiri Daun Beluntas (Pluchea indica L.)* [Institut Pertanian Bogor].
<https://repository.ipb.ac.id/handle/123456789/108255>
- Purnawibawa, A. (2015). Korosi Galvanik dan Pencegahannya pada Struktur Baja. *Jurnal Metalurgi*, 30(2), 89–96.
- Rachmawati, Y., & Hidayat, N. (2019). Potensi Ekstrak Daun Beluntas sebagai Inhibitor Korosi Ramah Lingkungan. *Prosiding Seminar Nasional Teknik Kimia*, 7, 55–61.
- Raphael, W., Morais, D. S., Soares, J., Marcelino, N., Queiroz, P., Carmen, L., Paiva, D., Ribeiro, A. S., & Tonholo, J. (2023). *applied sciences Green Corrosion Inhibitors Based on Plant Extracts for Metals and Alloys in Corrosive Environment : A Technological and Scientific Prospection*.
- Rayadi, I. T. (2015). *Korosi dan Perlindungan Permukaan Logam*. Bumi Aksara.
- Rihotimawati, M., & Basri, H. (2024). *Metal welding green corrosion inhibitor : A review*. 2, 1230–1245. <https://doi.org/10.17675/2305-6894-2024-13-2-31>
- Robinson. (1995). Kandungan Organik Tumbuhan Tinggi. Bandung. ITB. Kandungan Organik Tumbuhan Tinggi. In *Kandungan Organik Tumbuhan Tinggi, terjemahan Padmawinata*, K. ITB Press.
- Rossi, L. De, Rocchetti, G., & Lucini, L. (2025). *Antimicrobial Potential of Polyphenols : Mechanisms of Action and Microbial Responses — A Narrative Review*.
- Royani, A., Hanafi, M., Mubarak, N. M., Priyotomo, G., Aigbodion, V. S., Musabikha, S., & Manaf, A. (2024). Unveiling green corrosion inhibitor of Aloe vera extracts for API 5L steel in seawater environment. *Scientific Reports*, 14(1), 17802. <https://doi.org/10.1038/s41598-024-64715-z>
- Sari, D. P., & Kurniawati, N. (2021). Efektivitas Ekstrak Daun Beluntas Sebagai Inhibitor Korosi Ramah Lingkungan pada Media HCl 1M. *Jurnal Riset Teknologi Dan Inovasi*, 7(2), 44–51.
<https://ejurnal.teknikindustri.org/index.php/jrti/article/view/442>
- Sari, R. D., & Kurniawati, T. (2021). Efektivitas Ekstrak Daun Beluntas sebagai Inhibitor Korosi pada Baja dalam Media HCl. *Jurnal Ilmu Dan Aplikasi Kimia*,

15(3), 144–151.

- Siswantito, F., Natasya, A., Nugroho, R., Listiarini Iskandar, R., Sitanggang, C. O., Al-Qordhiyah, Z., Rosidah, C., Nurhayati, S., & Sari, A. (2023). Produksi Minyak Atsiri Melalui Ragam Metode Ekstraksi Dengan Berbahan Baku Jahe. *Jurnal Inovasi Teknik Kimia*, 8(3), 178–184.
- Sutedja, A. M., Widyawati, P. S., & Trisnawati, C. Y. (2008). Potensi Minyak Atsiri Daun Beluntas (*Pluchea indica* Less) sebagai Antioksidan Alami. *Prosding*. <http://repository.ukwms.ac.id/id/eprint/XXXX>
- Tidke, S. D., Kulkarni, S. S., & Marathe, A. C. (2025). “ *Comprehensive review of green corrosion inhibitors for safe and sustainable protection of mild steel in acidic environments .*”
- Tumpu, M. (2024). Korosi Erosi dalam Pipa Industri Kimia: Studi Kasus dan Pencegahannya. *Jurnal Material Industri*, 9(1), 27–36.
- Turo, F. Di. (2024). *The Use of Plant Extracts as Sustainable Corrosion Inhibitors for Cultural Heritage Alloys : A Mini-Review*.
- Verma, C., Ebenso, E. E., Bahadur, I., & Quraishi, M. A. (2018). An overview on plant extracts as environmental sustainable and green corrosion inhibitors for metals and alloys in aggressive corrosive media. *Journal of Molecular Liquids*, 266, 577–590. <https://doi.org/10.1016/j.molliq.2018.06.110>
- Verma, C., Quraishi, M. A., & Ebenso, E. E. (2018). An overview on plant extracts as environmental sustainable and green corrosion inhibitors for metals and alloys in aggressive corrosive media – A green approach. *Journal of Molecular Liquids*, 266, 577–590. <https://doi.org/10.1016/j.molliq.2018.07.093>
- Wahyuni, A. S. (2023). Identifikasi Jenis-Jenis Tumbuhan Semak Di Area Kampus 2 Uin Alauddin Dan Sekitarnya. *Agroprimatech*, 7(1), 85–103. <https://doi.org/10.34012/agroprimatech.v6i2.3666>
- Widiyastuti, F., Hernawati, D., & Lukman, H. (2020). Ekstraksi Flavonoid Daun Beluntas Menggunakan Etanol 70%. *Jurnal Fitokimia Indonesia*, 5(2), 87–92.
- Wita, T., Agustin, N., & Riris, I. D. (2025). Efektivitas Minyak Atsiri dan Ekstrak N-Heksana Daun Beluntas sebagai Insektisida Alami dengan Bioindikator Ulat Hongkong. *Efektivitas Minyak Atsiri Dan Ekstrak N-Heksana Daun*

Beluntas Sebagai Insektisida Alami Dengan Bioindikator Ulat Hongkong,
[Volume, i([Nomor, isi jika ada]), [Halaman awal, isi jika ada]-[Halaman
akhir, j. [Link PDF atau repositori jika tersedia]

Wong, E. (1976). Flavonoids and biosynthesis: Comparative biochemistry of phenylpropanoids. *Springer-Verlag*.

Yadav, R., Kumar, D., & Quraishi, M. A. (2022). Environmentally sustainable corrosion inhibitors: Opportunities and challenges. *Journal of Molecular Liquids*, 362, 119785. <https://doi.org/10.1016/j.molliq.2022.119785>

Yudoprasetyo, K. (2021). Analisis Kerusakan Akibat Korosi pada Baja dan Pencegahannya. *Jurnal Rekayasa Material*, 8(2), 101–109.

