

DAFTAR PUSTAKA

1. Stiadi, Y., Arief, S., Aziz, H., Efdi, M. & Emriadi, E. Inhibisi Korosi Baja Ringan Menggunakan Bahan Alami Dalam Medium Asam Klorida: Review. *Jurnal Riset Kimia*, 2019, 10, 51–65.
2. Zhang, W. *et al.* Aloe Polysaccharide as an Eco-Friendly Corrosion Inhibitor for Mild Steel in Simulated Acidic Oilfield Water: Experimental and Theoretical Approaches. *J Mol Liq*, 2020, 307.
3. Zhang, W. *et al.* Tetrahydroacridines as Corrosion Inhibitor for X80 Steel Corrosion in Simulated Acidic Oilfield Water. *J Mol Liq*, 2019, 293.
4. Anggraini, L., Emriadi, & Alif, A. The Extract of Siamih (*Ageratum conyzoides* L) Leaf as a Green Eco-Friendly Corrosion Inhibitor for the Mild Steel St. 37 in HCl Solution. *International Journal of Research and Review*, 2020, 7, 7.
5. Saxena, A., Prasad, D., Haldhar, R., Singh, G. & Kumar, A. Use of Saraca Ashoka Extract as Green Corrosion Inhibitor for Mild Steel in 0.5 M H₂SO₄. *J Mol Liq*, 2018, 258, 89–97.
6. Anggraini, L., Emriadi, Stiadi, Y., Zulaiha, S. & Pardi, H. Stainless 37 Steel Corrosion Inhibition in a Hydrochloric Acid Solution with Senggani (*Melastoma Candidum* D. Don) Leaf Extract. *Portugaliae Electrochimica Acta*, 2023, 41, 199–210.
7. Stiadi, Y., Efdi, M., Aziz, H. & Emriadi. *Gleichenia linearis* burm. Leaf Extract as Corrosion Inhibitor of Mild Steel in Hydrochloric Acid Medium. *International Journal of Corrosion and Scale Inhibition*, 2020, 9, 1498–1515.
8. Ituen, E. B., Akaranta, O., James, A. O. & Sun, S. Green Anticorrosive Oilfield Chemicals from Seed and Leave Extracts of *Griffonia simplicifolia* for Mild Steel. *Journal of Chemistry and Materials Research*, 2016, 5, 45–57.
9. Wei, G., Deng, S. & Li, X. *Eupatorium Adenophora* (Spreng.) leaves Extract as a Highly Efficient Eco-friendly Inhibitor for Steel Corrosion in Trichloroacetic Acid Solution. *Int J Electrochem Sci*, 2022, 17.
10. Obot, I. B., Ebenso, E. E., Gasem, Z. M. & Arabia, S. Eco-Friendly Corrosion Inhibitors: Adsorption and Inhibitive Action of Ethanol Extracts of *Chlomolaena Odorata* L. for the Corrosion of Mild Steel in H₂SO₄ Solutions. *Int. J. Electrochem. Sci*, 2012, 7.
11. Pelu, A. D. & Djarami, J. Aktivitas Antibakteri Ekstrak Etanol Daun Harendong Bulu (*Clidemia Hirta*) Asal Maluku terhadap *Staphylococcus Aureus*. *Jurnal Ilmiah Penelitian Kesehatan*, 2022, 7, 351.
12. Komalasari, Utami, S. P., Fermi, M. I., Aziz, Y. & Irianti, R. S. Corrosion Control Of Carbon Steel Using Inhibitor of Banana Peel Extract in Acid Diluted Solutions. in *IOP Conference Series: Materials Science and Engineering*, 2018, 345.
13. Rbaa, M. *et al.* Green Synthesis of Novel Carbohydrate Polymer Chitosan Oligosaccharide Grafted on D-Glucose Derivative as Bio-Based Corrosion Inhibitor. *J Mol Liq*, 2021, 322.

14. Al-Turkustani, A. M. Thermodynamic, Chemical and Electrochemical Investigation of Pandanus Tectorius Extract as Corrosion Inhibitor for Steel in Sulfuric Acid Solutions. *European Journal of Chemistry*, 2013, 4, 303–310.
15. Xue, S., Su, T., Zhao, X. & Zong, Z. Multi-Scale Analysis of Corrosion-Induced Fracture Failure Mechanisms of High-Strength Steel Wire. *Applications in Engineering Science*, 2024, 17.
16. Gao, C. *et al.* Lignin Copolymers as Corrosion Inhibitor for Carbon Steel. *Ind Crops Prod*, 2021, 168.
17. Hart, E. Corrosion Inhibitors: Principles, Mechanisms and Applications. *Nova Science Publishers*, 2016, 10.
18. Qurrotu 'Aini, F., Hanik, N. R. & Wiharti, T. Identification of Rare Medical Plant and Community Understanding in Manggeh Village, Karanganyar District, Karanganyar Regency. *Jurnal Biologi Tropis*, 2023, 23, 380–391.
19. Krishnegowda, P. M., Venkatesha, V. T., Krishnegowda, P. K. M. & Shivayogiraju, S. B. Acalypha Torta Leaf Extract as Green Corrosion Inhibitor for Mild Steel in Hydrochloric Acid Solution. *Ind Eng Chem Res*, 2013, 52, 722–728.
20. Ji, G., Shukla, S. K., Dwivedi, P., Sundaram, S. & Prakash, R. Inhibitive Effect of Argemone Mexicana Plant Extract on Acid Corrosion of Mild Steel. *Ind Eng Chem Res*, 2011, 50, 11954–11959.
21. Zarrok, H. *et al.* Corrosion Control of Carbon Steel in Phosphoric Acid By Purpald - Weight Loss, Electrochemical and Xps Studies. *Corros Sci*, 2012, 64, 243–252.
22. Stiadi, Y. *et al.* Mangifera Odorata Griff Seed Extract as Corrosion Inhibitor of Mild Steel in Hydrochloric Acid Medium. *Rasayan Journal of Chemistry*, 2020, 13, 230–239.
23. Wang, X. *et al.* Developing Two Thiocarbohydrazide Modified Glucose Derivatives as High-Efficiency Green Corrosion Inhibitors for Carbon Steel. *Ind Crops Prod*, 2022, 188.
24. El-Asri, A. *et al.* Carissa Macrocarpa Extract (ECM) as a New Efficient and Ecologically Friendly Corrosion Inhibitor for Copper In Nitric Acid: Experimental and Theoretical Approach. *J Taiwan Inst Chem Eng*, 2023, 142.
25. Emriadi, Santoni, A. & Stiadi, Y. Adsorptive and Thermodynamic Properties of Methanol Extract of Toona Sinensis Leaves for the Corrosion of Mild Steel in HCl Medium. *PCHHAX*, 2016, 8.
26. Pratiwi, R. A., Bayu, A. & Nandiyanto, D. How to Read and Interpret UV-VIS Spectrophotometric Results in Determining the Structure of Chemical Compounds. *Indonesian Journal of Educational Research and Technology*, 2022, 2, 1–20.
27. Chen, X., Zheng, B. & Liu, H. Optical and Digital Microscopic Imaging Techniques and Applications in Pathology. *Analytical Cellular Pathology*, 2011, 34 5–18.
28. Cui, G. *et al.* Synthesis of Modified Natural Polysaccharides for Demulsification and Corrosion Inhibition. *Colloids Surf A Physicochem Eng Asp*, 2022, 653.

29. Mazkour, A., El Hajjaji, S., Labjar, N., Lotfi, E. M. & El Mahi, M. Investigation of Corrosion Protection of Austenitic Stainless Steel in 5.5 M Polluted Phosphoric Acid Using 5-Azidomethyl-7-Morpholinomethyl-8-Hydroxyquinoline As An Ecofriendly Inhibitor. *International Journal of Corrosion*, 2021.
30. Shanab, M. M. A. H. Electrochemical and Computational Studies of Aripiprazole as a Novel Eco-friendly Green Corrosion Inhibitor for Carbon Steel in Aqueous Environment. *Int J Electrochem Sci*, 2021, 16, 1–22.
31. Fouda, A. E. A. S., El-Katori, E. E. & Al-Mhyawi, S. Methanol Extract of Slanum Nigrum as Eco-Friendly Corrosion Inhibitor for Zinc in Sodium Chloride Polluted Solutions. *Int J Electrochem Sci*, 2017, 12, 9104–9120.
32. Adejoro, I. A., Ojo, F. K. & Obafemi, S. K. Corrosion Inhibition Potentials of Ampicillin for Mild Steel in Hydrochloric Acid Solution. *Journal of Taibah University for Science*, 2015, 9, 196–202.
33. Muthukrishnan, P., Jeyaprabha, B. & Prakash, P. Adsorption and Corrosion Inhibiting Behavior of Lannea Coromandelica Leaf Extract on Mild Steel Corrosion. *Arabian Journal of Chemistry*, 2017, 10, S2343–S2354.
34. Zhou, Y., Wei, Z., Zhi, H., Wang, Y. & Yao, X. Eco-friendly Ginkgo Leaf Extract as a Green Corrosion Inhibitor to Protect N80 Steel in 1 M HCl. *Int J Electrochem Sci*, 2022, 17.
35. Khadom, A. A., Abd, A. N., Ahmed, N. A., Kadhim, M. M. & Fadhil, A. A. Combined Influence of Iodide Ions and Xanthium Strumarium Leaves Extract as Eco-Friendly Corrosion Inhibitor for Low-Carbon Steel in Hydrochloric Acid. *Current Research in Green and Sustainable Chemistry*, 2022, 5.
36. Shoair, A. F. *et al.* Investigation on Effects of Avocado Extract as Eco-friendly Inhibitor for 201 Stainless Steel corrosion in Acidic Environment. *Int J Electrochem Sci*, 2022, 17.
37. Shkoor, M. *et al.* Experimental and Theoretical Investigations of The Effect of Bis-Phenylurea-Based Aliphatic Amine Derivative as an Efficient Green Corrosion Inhibitor for Carbon Steel in Hcl Solution. *Heliyon*, 2023, 9.
38. An, X., Dai, J., Wang, S. & Zou, W. Exploring Ginkgo Biloba Extract's Green Corrosion Inhibition Effects on Q235 Steel in H₂SO₄ Environments. *Int J Electrochem Sci*, 2024, 19
39. Udensi, S. C., Ekpe, O. E. & Nnanna, L. A. Corrosion Inhibition Performance of Low Cost and Eco-Friendly Treculia Africana Leaves Extract on Aluminium Alloy AA7075-T7351 In 2.86% NaCl Solutions. *Sci Afr*, 2021, 12.
40. Gapsari, F. *et al.* Melaleuca Leaves Extract as Eco-Friendly Inhibitor for Low Carbon Steel in Sulfuric Acid. *Case Studies in Chemical and Environmental Engineering*, 2024, 9.
41. Li, L. *et al.* Adsorption And Corrosion Inhibition of Osmanthus Fragran Leaves Extract on Carbon Steel. *Corros Sci*, 2012, 63, 82–90.
42. Dong, H. *et al.* A Study on The Anti-Corrosion Mechanism of The Eco-Friendly Inhibitor Ribavirin on Q235 Steel in An Acidic Chloride Environment. *Int J Electrochem Sci*, 2023, 18.

43. Org, W. E. *et al.* New Eco-Friendly Corrosion Inhibitors Based on Phenolic Derivatives for Protection Mild Steel Corrosion. *Int. J. Electrochem*, 2013, 8.

