

DAFTAR PUSTAKA

1. Sari, A. K. P.; Emriadi, Stiadi, Y.: Pemanfaatan ekstrak daun jambu biji (*Psidium guajava*) sebagai inhibitor korosi baja dalam medium asam klorida. *Jurnal Kimia Unand* 2013, 52, 17-24.
2. Oguzie, E. E.: Evaluation of the inhibitive effect of some plant extracts on the acid corrosion of mild steel. *Corrosion Science* 2010, 43,168-178.
3. Abiola, O. K.; James, A. O.: The effects of aloe vera extract on corrosion and kinetics of corrosion of zinc in HCl solution. *Corrosion Science* 2013,12, 69-77.
4. Lukmandaru, G.; Kristian, V.; Anisa, A. G.: Aktivitas antioksidan ekstrak metanol kayu *Mangifera indica* L., *Mangifera foetida* Lour, dan *Mangifera odorata* Griff. *Jurnal Ilmu Kehutanan* 2012, 6, 18-20.
5. Emriadi; Stiadi, Y.; Djaloelis, M.: Inhibisi korosi baja oleh tanin dalam larutan asam sulfat. *Jurnal Kimia Andalas* 1999, 2, 66-70.
6. Hijazi, A.; Zaenal, A.; Suminar, P. Pengaruh konsentrasi CaCO_3 terhadap sifat korosi baja St.37 dengan coating PANi(HCl)/ CaCO_3 . *Jurnal Sains dan Seni Pomits* 2012, 1, 1-2.
7. Fouda, A. S.; Dina, M.; Badr, A. H.: Extract of *Camellia sinensis* as green inhibitor for the corrosion of mild steel in aqueous solution. *Journal of the Korean Chemical Society* 2013, 32, 65-78.
8. Destyorini; Fredina, D. I.; Ruduardjo; Triwikantoro.: Ketahanan korosi paduan amorf berbasis zirkonium $\text{Zr}_{69.5}\text{Cu}_{12}\text{Ni}_{11}\text{Al}_{7.5}$ dalam lingkungan NaCl. *Jurnal Ilmu Pengetahuan dan Teknologi* 2011, 29, 39-46.
9. Ebadi, M.; Wen, J. B.; asirun; Hamidi K.; Hapipah M. A.: Corrosion inhibiton properties of pyrazolyindolenine compound on copper surface in acidic media. *Arabian Journal of Chemistry* 2012, 6, 163-165.
10. Emriadi; Stiadi, Y.; Yolanda, I.: Mempelajari inhibisi korosi baja oleh tanin dalam air laut, *Jurnal Penelitian Andalas* 2000, 12, 17-24.
11. Yaro, A. S.; Anees, A.; Khadom.: Apricot juice as green corrosion inhibitor of mild steel in phosphoric acid. *Alexandria Engineering Journal* 2013, 52: 129-135.
12. Zhang, P.; Prakash, B.; Jeyaprabha, K.; Shankar.: Stigmasterol extracted from *Ficus hispida* leaves as a green inhibitor for the mild steel corrosion in 1 m hcl solution. *Arabian Journal of Chemistry* 2015, 18,1-12.
13. Risandi, Y.; Emriadi; Stiadi, Y.: Ekstrak daun pepaya (*Carica papaya*) sebagai inhibitor korosi baja St-37 dalam medium asam sulfat. *Jurnal Kimia Unand* 2012, 1, 27-33.
14. Aidio, M.; Sri, H.; Yetri, Y.: Pengendalian laju korosi pada baja API 5L grad BN menggunakan ekstrak daun gambir (*Uncaria gambir* Roxb). *Jurnal Fisika Unand* 2016, 5, 175-177.
15. Hamdani, E. R.; Fadil, M.; Tourabi, C.; Jama, F.; Bentiss.: Alkaloids extract of *Retama monosperma* (*l.*) *boiss.* seeds used as novel eco-friendly inhibitor for carbon steel corrosion in 1 M HCl solution, electrochemical and surface studies. *Applied Surface Science* 2015, 143, 50-51.
16. Nidia, B.; Stiadi, Y.; Emriadi.: Inhibisi korosi baja oleh ekstrak kulit buah rambutan (*Nephelium lappaceum* Linn) dalam medium asam sulfat. *Jurnal Kimia Unand* 2013, 2, 133-143.
17. Ketis, N. K.; Bundjali, B.: Efektivitas biji mangga sebagai inhibitor korosi pada baja karbon dalam larutan NaCl 1%. *Jurnal FMIPA IT*, 2010, 15, 43-49.

18. Suliansyah, I.; Nasrez, A.; Zulfadly, S.: Identifikasi, inventarisasi, dan karakterisasi keragaman morfologi genotipe kuini (*Mangifera odorata* Griff) di Sumatera Barat. *Jurnal Teknologi Hasil Pertanian* 2013, 4, 1-3.
19. Iriani, E. S.; Gumbira, A. S.; Ani, S.; Setyadjit.: Pengaruh konsentrasi penambahan pektinase dan kondisi inkubasi terhadap rendemen dan mutu jus mangga kuini (*Mangifera odorata* Griff). *Jurnal Teknik Bahan Makanan* 2015, 2, 11-15.
20. Panjaitan, B.; Sugiarto.; Farid, H.; Tanoto. Y.: Laju korosi baja sc 42 dalam medium air laut dengan metode *immers* total. *Jurnal Teknik Fisika* 2011, 11, 282-283.
21. Free, Zhang.: In vitro cytotoxic activity of novel oleanane type of triterpenoid saponin from stem bark of *Manilkara zapota* Linn. *Asian Journal of Pharmaceutical and Clinical Research* 2012, 2, 163-167.
22. Amin, M.A.; Abd El-Rehim S.S.; El-Sherbini E.E.F.; Bayoumi R.S.: The inhibition of low carbon steel corrosion in hydrochloric acid solutions by succinic acid Part I. Weight loss, polarization, EIS, PZC, EDX and SEM studies, *Electrochimica Acta* 2007, 52, 3588–3600.
23. Mourya, P.; Banarjee S.; Singh, M.: Corrosion Inhibition of Mild Steel in Acidic Solution by *Tagetes erecta* (*Marigold flower*) extract as a Green Inhibitor. *Corrosion Science* 2014, 85, 352 – 363.
24. Zakaria, K.; Hamdy, A.; Abbas, M. A.; Abo-Elenien, O. M.: New organic compounds based on *Siloxane moiety* as corrosion inhibitors for carbon steel in HCl solution: weight loss, electrochemical and surface studies. *Journal Of The Taiwan Institute of Chemical Engineers* 2016, 4, 1-14.
25. Odewunmi, N. A.; Umoren, S. A.; Gasem, Z. M.: Utilization of watermelon rind extract as a green corrosion inhibitor for mild steel in acidic media. *Journal of Industrial and Engineering Chemistry* 2015, 21, 239-247.
26. Helen, L. Y. S.; Saad, B.: *Aquilaria crassna* leaves extract as a green corrosion inhibitor for meel steel in 1 M HCl medium. *International Journal Electrochemical Science* 2014, 9, 830-846.
27. Boumhara, K.; Tabyaoui, M.: *Artemisia mesatlantica* essential oil as green inhibitor for carbon steel corrosion in 1 M HCl solution: Electrochemical and XPS Investigations. *Journal of Industrial and Engineering Chemistry* 2015, 29, 146-155.
28. Yetri, Y.; Emriadi; Jamarun, N.; Gunawarman.: Corrosion inhibitor efficiency of mild steel in hydrochloric acid by adding theobroma cacao peel extract. *International Conference on Biological, Chemical and Environmental Sciences* 2014, 12, 14-15.
29. Gusti, D. R.; Emriadi; Alif, A.; Efdi, M.: Surface Characteristics on Mild Steel Using Aqueous Extract of Cassava (*Manihot esculenta*) Leaves as a Corrosion Inhibitor. *Der Pharma Chemica* 2016, 8, 113-118.
30. 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. *Der Pharma Chemica* 2016, 18, 266-273.
31. Soltani, N.; Tavakkoli, N.; Kashani, M.K.; Mosavizadeh, A.E.E.O.; Jalali, M.R.: *Silibum marianum* extract as a natural source inhibitor for 304 stainless steel corrosion in 1 M HCl. *Journal of Industrial and Eengineering Chemistry* 2014: 9, 1-11.
32. Kamal, C.; Sethuraman, M.G.: *Spirulina platensis* A novel green inhibitor for acid corrosion of mild steel. *Arabian Journal of Chemistry* 2012, 5, 155-161.

33. Bhawsar; Jeetendra, P.K.; Jain, S.: Experimental and computational studies of *Nicotiana tabacum* leaves extract as green corrosion inhibitor for mild steel in acidic medium. *Alexandria Engineering Journal* 2015, 54, 769-775.
34. Faustin M.; Maciuk A.; Salvin P. A.; Roos C.; Lebrini M.: Corrosion inhibition of C38 steel by alkaloids extract of *Geissospermum laeve* in 1 M hydrochloric acid: Electrochemical and phytochemical studies, *Corrosion Science* 2015, 92, 287-300.
35. Muthukrishnan, P.; Prakash, P.; Jeyaprabha, B.; Shankar, K.: Stigmasterol extracted from *Ficus hispida* leaves as a green inhibitor for the mild steel corrosion in 1 M HCl solution. *Arabian Journal of Chemistry* 2015, 4, 1-12

