

DAFTAR PUSTAKA

1. Hu, K.; Zhuang, J.; Zheng, C.; Ma, Z.; Yana, Li.; Gu, H.; Zeng, X.; Ding.: Effect of novel cytosine-l-alanine derivative based corrosion inhibitor on steel surface in acidic solution, *Journal of Molecular Liquids*, 2016, 222: 109–117
2. Trethewey K.R.; Chamberlain J.: Korosi Untuk Mahasiswa dan Rekayasawan, Alih bahasa Alex Tri Kantjono Widodo, Gramedia Pustaka Utama, Jakarta, 1991, 25; 58; 282.
3. Guoa, Lei.; Obot, I. B.; Zheng, X.; Shena, X.; Qiang, Y.: Theoretical insight into an empirical rule about organic corrosion inhibitors containing nitrogen, oxygen, and sulfur atoms. *Applied Surface Science*, 2017, 301–306
4. Al-Otaibi, M.S.; Al-Mayouf, A.M.; Khan, M.; Mousa, A.A.; Al-Mazroa S.A.; Alkhathlan, H.Z.: Corrosion inhibitory action of some plant extracts on the corrosion of mild steel in acidic media. *Arabian Journal of Chemistry*, 2014, 7: 340–346
5. Yetri, Y.; Emriadi.; Jamarun, N.; Gunawarman.: Corrosion behavior of environmental friendly inhibitor of theobroma cacao peels extract for mild steel in NaCl 1.5 M, *Environment Asia*, 2016, 9(1): 45-59
6. 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*, 2010, 52: 661–664
7. Alaneme, K.K.; Olusegun, S.J.; Adelowo O.T.: Corrosion inhibitory properties of elephant grass (*Pennisetum purpureum*) extract: Effect on mild steel corrosion in 1 M HCl solution, *Alexandria Eng. J*, 2015, 55: 1069–1076
8. Alaneme, K.K., Olusegun, S.J.; Adelowo, O.T.: Corrosion inhibition and adsorption characteristics of *Hunterial Umbellata* seed husk extract on mild steel immersed in 1 M H₂SO₄ solution, *Alexandria Eng. J*, 2015, 55: 673–681
9. Soltani, N.; Tavakkoli, N.; Khayat Kashani, M.; Jalali, M. R.; Mosavizade, A.: Green approach to corrosion inhibition of 304 stainless steel in hydrochloric acid solution by the extract of *Salvia officinalis* leaves. *Corrosion Science*, 2012, (62); 122–135
10. Ji, G.; Anjum, S.; Sundaram S.; Prakash R.: *Musa paradisica* peel extract as green corrosion inhibitor for mild steel in HCl solution. *Corrosion Science*, 2012, 90: 107–117
11. Odewunmi, N.A.; Umoren, S.A.; Gasem, Z.M.: Watermelon waste products as green corrosion inhibitors for mild steel in HCl solution. *Journal of Environmental Chemical Engineering*, 2015, 3: 286–296
12. 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(1):1677-168
13. 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, 8(18):266-273
14. Peter, T.; Padmavathi, D.; Sajini, R. J.; and A, Sarala.: Syzygium samarangense :a review on morphology, phytochemistry & pharmacological aspects, *Asian Journal of Biochemical and Pharmaceutical Research*, 2011, 4(1); 155-163
15. Rani, B. E.A.; Basu, B. B. J.: Green Inhibitors for Corrosion Protection of Metals and Alloys: An Overview, *International Journal of Corrosion*, 2012, 15
16. Onuegbu, T.U.; Umoh, E.T.; Ehiedu, C.N.: *Emilia sonchifolia* extract as green corrosion inhibitor for mild steel in acid medium using weight loss method. *Journal of Natural Sciences Research*, 2013, 3(9):52-55

17. Singh, A.; Lin, Y.; Ebenso, E. E.; Liu, W.; Pan, Jie.; Huang, Bo.: *Gingko biloba* fruit extract as an eco-friendly corrosion inhibitor for j55 steel in CO₂ saturated 3.5% nacl solution, *Journal of Industrial and Engineering Chemistry*, 2015, 24: 219–228
18. Umoren, S.A.; Eduok, U.M.; Solomon M.M.; Udoh, A.P.; Corrosion inhibition by leaves and stem extracts of *Sida acuta* for mild steel in 1 m H₂SO₄ solutions investigated by chemical and spectroscopic techniques, *Arabian Journal of Chemistry*, 2016, 9: S209–S224
19. Faustin, M. A.; Maciuk, P.; Salvin, C.; Roos, M.; Lebrini.: Corrosion inhibition of C38 steel by alkaloids extract of *Geissospermum laeve* in 1 M hydrochloric acid: Electrochemical end phytochemical studies. *Corrosion Science*, 2015, 92: 287–300
20. Bribri, A.E.; Tabyaoui M.; Tabyaoui, B.; El Attari, H.; Bentiss, F.: The use of *euphorbia falcata* extract as eco-friendly corrosion inhibitor of carbon steel in hydrochloric acid solution, *Materials Chemistry and Physics*. 2013, 141; 240-247
21. Nooshabadi, M.S.; Ghandchi, M.S.: *Santolina chamaecyparissus* extract as a natural source inhibitor for 304 stainless steel corrosion in 3.5% Nacl, *Journal of Industrial and Engineering Chemistry*, 2015, 31: 231–237
22. Amstead, B.H., terj. Sriati Djaprie, Teknologi Mekanik, Erlangga, Edisi Ketujuh, Jilid I, Jakarta, 1989
23. Patel, S.K. *Heat Treatment Of Low Carbon Steel*. Department of Mechanical Engineering National Institute of Technology Rourkela, 2008,(11)
24. Moneruzzaman, K.M.; Alebidi, A.I.; Al-Saif, A.M.: Assessment of genetic diversity in three cultivars of *Syzygium samarangense* grown in malaysia by using morphological and physiological parameters. *Research Journal of Biotechnology*, 2012, 7 (3): 16-22
25. 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(2):133-143
26. 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 (BCES-2014)*:14-15
27. Patel, N.S.; Hedlicka, J.; Beranek, M.: Extract of *Phyllanthus fraternus* leaves as corrosio inhibitor for mild steel in H₂SO₄ solution. *International Journal of Electrochemical Science*, 2015, 9:2805-2815
28. Boumhara K.M.; Tabyaoui, C.; Jama, F.; Bentiss.: *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