

DAFTAR PUSTAKA

- Agarwal, K. 2014. "Fenugreek leaves and lemon peel as green corrosion inhibitor for mild steel in 1 M HCl medium." *Journal Material Science & Surface Engineering* 1: 44-48.
- Al-Amiery, A. A., Kadhum, A. A. H., Alobaidy, A. H. M., Mohamad, A. B., & Hoon, P. S. 2014. "Novel Corrosion Inhibitor for Mild Steel in HCL." *Materials* 7(2): 662–672.
- Al-Mhyawi, S. 2014. "Inhibition of mild steel corrosion using Juniperus plants as green inhibitor." *African Journal Pure and Applied Chemistry* 8 (2014) 9-22.
- Alkhatlan, H.Z., Khan, M. Abdullah, M.M.S., Al-Mayouf, A.M., Mousa, A.A., Al-Othman, Z.A.M. 2014. "Launaea nudicalis as a Source of New and Efficient Green Corrosion Inhibitor for Mild Steel in Acidic Medium: A Comparative Study of Two Solvent Extracts." *International Journal of Electrochemical Science* 9: 870-889.
- Al-Otaibi, M. S. et al. 2013. "The Effect of Temperature on the Corrosion Inhibition of Mild Steel in 1 M HCL Solution by Curcuma Longa Extract." *International Journal of Electrochemical Science* 5(3): 847–59.
- Anbarasi, K. and V, G. Vasudha. 2014. "Corrosion Inhibition Potential of Cucurbita Maxima Plant Extract on Mild Steel in Acid Media." *Chemical Science Review and Letters* 3(9): 45–51.
- Afia, L. Salghi, R. Bammo, L. Bazz, L. H., Hammouti, B. Bazzi. 2012. "Application of Argan plant extract as green corrosion inhibitor for steel in 1 mol/L HCl." *Acta Metallurgica Sinica (English Letters)* 25: 10-18.
- Arbab, I. A., Abdul, A. B., Aspollah, M. Abdullah, R. Abdelwahab, S. I., Mohan, S., Abdelmageed, A. 2011. "Clausena excavata Burm.. F. (Rutaceae): A review of its traditional uses, pharmacological and phytochemical properties." *Journal of Medical Plants Research* 5: 7177-7184.
- Arbab, I. A., Abdul, A. B., Sukari, M. A., Abdullah, R., Syam, S., Kamalideghan, B., Ibrahim, M.Y., Taha, M. M. M. E., Abdelwahab, S. I., Ali, H. M., Mohan, S. 2013 "Dentatin isolated from *Clausena excavata* induces apoptosis in MCF-7 cells through the intrinsic pathway with involvement of NF-kB signaling and G0/G1 cell cycle arrest : A bioassay guided approach." *Journal of Ethnopharmacology* 145: 343-354.
- Boummali, H., Ousslim, A., Bekkouch, K., Boummali, B., Aouni, A., Al-Deyab, S.S., Jama, C., Bentiss, F., Hammouti, B. 2013. "The anti Corrosion Behaviour of *Lavandula dentata* Aqueous Extract on Mild Steel in 1 M HCl." *International Journal of Electrochemical Science* 8: 6005-6013.

- Benali, O., Benmehdi, H., Hasnou, O.i., Selles, C., Salghi, R. 2013. "Green corrosion inhibitor : inhibitive action of tannin extract of *Chamaerops humilis* plant for the corrosion of mild steel in 0.5 M H₂SO₄." *Journal. Material and Environmental Science* 1:127-138.
- Cang, H., Fei, Z., Shao, J., Shi, W., Xu, Q. 2013. "Corrosion Inhibition of Mild Steel by Aloes Extract in HCl Solution Medium." *International Journal of Electrochemical Science* 8: 720-734.
- Erna, M., Emriadi., Alif, A., Arief, S. 2011. "Karboksil Kitosan sebagai Inhibitor Korosi pada baja Lunak dalam Media Air Gambut." *Jurnal Matematika & Sains*, 16:106-110.
- Fouda, A.S., Tawfik, H., Badr, A. H. 2012. "Corrosion inhibition of mild steel by *Camelia sinensis* extract as green inhibitor." *Advances Materials and Corrosion* 1:1-7.
- Gandy, D. 2007. Carbon Steel Handbook. Electric Power Research Institute. Palo Alto. pp. 1.1-4.10
- Gunavathy, N., Murugavel, S.C. 2012. "Corrosion Inhibition Studies of Mild Steel in Acid Medium Using *Musa acuminata* Fruit Peel Extract." *E-Journal of Chemistry* 9 (1):487-495.
- Guntupalli, C., Ramaiah, M., Kumar, G.S. 2013. "RP-HPLC Analysis and Antimicrobial Screening of *Clausena excavata* Burm.F (Rutaceae)." *International Journal of Phytotherapy* 3: 91-97.
- Harborne, J.B., Simmonds, N.W. 1964. Phytochemical Dictionary: A Handbook of Bioactive Compounds from plants. 2nd edition. Academic Press, New York. pp. 490-517.
- Helen, L.Y.S., Rahim, A.A., Saad, B., Saleh, M.I., Raja, P.B. 2014. "*Aquilaria Crassna* Leaves Extracts as green Corrosion Inhibitor for Mild Steel in 1 M HCl Medium." *International Journal of Electrochemical Science* 9: 830-846.
- Hmamou, D.B., Salghi, R., Zarrouk, A., Messali, M., Zarrok, H., Errami, M., Hammouti, Lh., Bazzi. Chakir, A. 2012. "Inhibition of steel corrosion in hydrochloric acid solution by chamomile extract." *Der Pharma Chemica* 4 (4):1496-1505.
- Huang, J., Cang, H., Liu, S. Q. J. 2013. "Environment Friendly Inhibitor for Mild Steel by *Artemisia halodendron*." *International Journal of Electrochemical Science* 8: 8592-8602.

- Ikeuba, A.I., Okafor, P.C., Ekpe, U.J.E. 2013. "Alkaloid and On-alkaloid Ethanolic Extracts from Seeds of *Garcinia Kola* as Green Corrosion Inhibitors of Mild Steel In H₂SO₄ Solution." *International Journal of Electrochemical Science* 8: 7455-7467
- Kongkathip, B., Sutthiprabha, S., Yoosook, C., Mongkolsook, Y., Kongkathip, N. 2010. "Constituents and Bioactivities of *Clausena excavata*." *Journal of Chromatography Science* 48: 445-449.
- Kairi, N.I., Kassim, J. 2013. "The effect of Temperature on the Corrosion Inhibition of mild Steel in 1 M HCl Solution by *Curcuma Longa* Extract." *International Journal of Electrochemical Science* 8 : 7138-7155.
- Li, X., Dengim, S., Fu, H. 2012. "Inhibition of the Corrosion of steel in HCl, H₂SO₄ Solutions by bamboo leaf Extract." *Corrosion Science* 62 : 163-175.
- Muhd Sharif, N.W. 2011. "Cytotoxic constituents of *Clausena excavata*." *African Journal of Biotechnology* 10, 16337–16341.
- Muthukrishnan, P., Jeyaprabha, B., and Prakash, P. 2013. "Adsorption and Corrosion Inhibiting Behavior of *Lanea Coromandelica* Leaf Extract on Mild Steel Corrosion." *Arabian Journal of Chemistry*.
- Muthukrisnan, P., Jeyaprabha, B., Prakash. P. 2013. "Corrosion Inhibition and Adsorption Behavior of *Setaria verticillata* leaf Extract in 1 M Sulphuric acid." *Journal of Materials Engineering and Performance* 22: 3792-3800.
- Nnanna, L.A., Nwadiuko, O.C., Nwosu, F.O., Dimoji, D.O., Majeh, K.I. 2013. "*Uvaria chamea* root as green corrosion inhibitor for mild steel in acidic solution." *African Journal of Pure and Applied Chemistry* 7: 302-309.
- Njoku, V.O., Oguzie, E.E., Obi, C., Ayuk, A.A. 2014. "Bapthia nitida Leaves Extract as Green Inhibitor for the Corrosion of Mild Steel in Acidic Media." Hindawi, (2014):10 pages.
- Nwankwo, M.O., Offor, P.O., Neif, S.I., Oshionwu, L.C., Idenyi, N.E. 2014. "*Amaranthus cordatus* as a Green Corrosion Inhibitor for Mild Steel in H₂SO₄ and NaCl." *Journal of Minerals and Materials Characterization and Engineering* 2: 194-199.
- Obot, I.B., Ebenso, E.E., Gasem, Z.M. 2012. "Eco-friendly Corrosion Inhibitors: Adsorption and Inhibitive Action of Ethanol Extracts of *Chlomolaena Odorata* L. for the Corrosion of Mild Steel in H₂SO₄ Solutions." *International Journal of Electrochemical Science* 7: 1997-2008.
- Obi Egbedi, O., Obot, I.B., Umoren, S. A. 2012. "*Spondias mombin* L. as green

corrosion inhibitor for aluminium in sulphuric acid: Correlation between inhibitive effect and electronic properties of extracts major constituents using functional theory.” *Arabian Journal of Chemistry* 5: 361-373.

Oguzie, E.E., Enenebeaku, C.K., Akalezi, C.O., Okoro, S.S., Ayuk, A.A., Ejike, E.N. 2010. Adsorption and Corrosion Inhibiting effect of *Dacryodis edulis* extract on low-carbon-steel Corrosion in acidic media.” *Journal Colloid Interface Science* 349 (1):283-92.

Olasehinde, E.F., Adesina, A.S., Fehintola, E.O., Badmus. B.M, Aderibigbe. A.D. 2012. “Corrosion Inhibition Behaviour for Mild Steel by Extracts of *Musa sapientum* Peels in HCl Solution : Kinetic and Thermodynamics study.” *IOSR Journal of Applied Chemistry* 2:15-23.

Panda, N. P., Sahoo, G., Bastia, A.K., Dutta, S.K. 2012. ”Anti diarrheal activities of medical plants of Similipal Biosphere Reserve, Odisha, India”, *Int. J. Arom. Plants*, 2(1): 123-134.

Peh, T. H., et al. 2012. ”A New Cytotoxic Carbazole Alkaloid isolated from the Stem bark of Malaysian *Clausena excavata*.” *Canadian Chemical Transactions.*” 1(3): 165-172.

Raja, Pandian Bothi et al. 2013. “Neolamarckia Cadamba Alkaloids as Eco-Friendly Corrosion Inhibitors for Mild Steel in 1M HCl Media.” *Corrosion Science* 69: 292–301.

Rani, A.B.E., Basu, B.B.J. 2012. “Green Inhibitors for Corrosion Protection of Metals and Alloys-an Overview.” *International Journal of Corrosion* 10:1-15.

Risandi, Y., Emriadi. Setiadi., Y,2012. “Ekstrak daun papaya (*Carica papaya*) sebagai inhibitor korosi baja St.37 dalam medium asam Sulfat.” *Jurnal Kimia UNAND* 1: 27-33.

Sari, A.K.P., Setiadi, Y., Emriadi. 2013. “Pemanfaatan ekstrak daun jambu biji (*Psidium guajava* L) sebagai inhibitor korosi baja St.37 dalam medium asam klorida.” *Jurnal Kimia UNAND* 2: 2303-3401

Sen, Mohan. 2006. Basic Chemical Engineering, Laxmi publication. India. pp. 21-22

Selvakumar, P., Balanaga, B., Thangavelu, C 2013. “Corrosion inhibition study of Stainless steel in Acidic medium-An overview.” *Research Journal of Chemical Science* 3: 87-95.

- Singh, A., Ebenso, E.E., Quraishi, M.A. 2012. "Boerhavia diffusa (Punarnava) Root Extract as green Corrosion Inhibitor for Mild Steel in Hydrochloric Acid Solution: Theoretical and Electrochemical Studies." *International Journal of Electrochemical Science* 7: 8659-8675.
- Singh, A., Ebenso, E.E., Quraishi, M.A. 2012. "Theoretical and Electrochemical Studies of *Cuminum Cyminum* (Jeera) extract as Green Corrosion Inhibitor for Mild Steel in Hydrochloric Acid Solution." *International Journal of Electrochemical Science* 7: 8543-8559.
- Skoog, D.A., Holler, E.J., Nieman, T.A. 1998. 'Principles of Instrumental Analysis', 5th edition. Harcourt Brace & Company. U.S. America. pp. 550-552
- Smith, B. C. 1996. *Fundamentals of Fourier Transform Infrared Spectroscopy*. CRC Press. London. pp. 1-7
- Singh, A., E.E. Ebenso, and M.A. Quraishi. 2012. "Theoretical and Electrochemical Studies of Metformin as Corrosion Inhibitor for Mild Steel in Hydrochloric Acid Solution." *International Journal of Electrochemical Science* 7(5): 4766–4779.
- Shalabi, K., Abdallah, Y.M., Hassan, M.H., Fouda, A.S. 2014. "Adsorption and Inhibition of *Atropa Belladonna* Extract on Carbon Steel in 1 M HCl Solution." *International Journal of Electrochemical Science* 9: 1468-1487.
- Sharif, N.W. M., Mustahil, N.A., Mohd Noor, H.S., Sukari. M.A., Rahmani, M., Taufiq, Y.H., Ee, G.C.L. 2011. "Cytotoxic constituents of *Clausena excavata*." *African Journal of Biotechnology* 10: 16337-16341.
- Soltani, N. et al. 2014. "Silybum Marianum Extract as a Natural Source Inhibitor for 304 Stainless Steel Corrosion in 1.0 M HCl." *Journal of Industrial and Engineering Chemistry* 20 (5) : 3217–27.
- Sribharathy, V., Rajendran, S., Rengan, P., Nagalakshmi, R., 2013. Corrosion Inhibition By an Aqueous Extract of Aloe Vera (*L.*)Burm.F.(Liliaceae)." *Eur. Chem. Bull* 2: 471–476.
- Umoren, S.A. et al. 2012. "Coconut Coir Dust Extract: A Novel Eco-Friendly Corrosion Inhibitor for Al in HCl Solutions." *Green Chemistry Letters and Reviews* 5(3): 303–13.
- Vasudha, V.G., Shanmuga, P.K. 2013. "*Polyalthia Longifolia* as a Corrosion Inhibitor for Mild Steel in HCl Solution." *Research Journal of Chemical Science* 3: 21-26.
- Yaro, A.S., Khadom, A.A., Wael, R.K. 2013. "Apricot juice as green corrosion

inhibitor of mild steel in phosphoric acid.” *Alexandria Engineering Journal* 52:129-135.

Yetri, Y., Emriadi. Jamarun,N., Gunawarman. 2015. ”Corrosion Inhibitor of Mild Steel by Polar Extract of *Theobroma cacao* Peels in Hydrochloric Acid Solution.” *Asian Journal of Chemistry* 27: 875-881.

