



## *PUBLICATIONS*

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- ★ Uwah, I.W., Okafor, P.C., and Ebiekpe, V.E. (2010) Inhibition action of ethanol extracts from *Nauclea latifolia* on the corrosion of mild steel in H<sub>2</sub>SO<sub>4</sub> solutions and their adsorption characteristics. *Arabian Journal of Chemistry*, DOI:10.1016/j.arabjc.2010.10.008.
- ★ Vijayalakshmi, P.R., Rajalakshmi, R., and Subhashini, S. (2010a) Inhibitory Action of *Borassus Flabellifer* Linn. (Palmyra Palm) Shell Extract on Corrosion of Mild Steel in Acidic Media. *E-Journal of Chemistry*, 7 (3), 1055-1065.
- ★ Vijayalakshmi, P.R., Rajalakshmi, R., and Subhashini, S., (2010b) *Cocos nucifera* Shell as a Potential Inhibitor for Mild Steel Corrosion in Acidic Medium. *Asian Journal of Chemistry*, 22 (6) 4537-4548.
- ★ Vijayalakshmi, P.R., Rajalakshmi, R., and Subhashini, S. (2011) Corrosion Inhibition of Aqueous Extract of *Cocos nucifera* - Coconut Palm - Petiole Extract from Destructive Distillation for the Corrosion of Mild Steel in Acidic Medium. *Portugaliae Electrochimica Acta*, 29 (1), 9-21 DOI: 10.4152/pea.201101009.
- ★ Vinod Kumar, K.P., Narayanan Pillai, M.S., and Rexin Thusnavis, G. (2010) Pericarp of the fruit of *garcinia mangostana* as corrosion inhibitor for mild steel in hydrochloric acid medium. *Portugaliae Electrochimica Acta*, 28 (60), 373–383.
- ★ Vinod Kumar, K.P., Sankara Narayanan Pillai, M., and Rexin Thusnavis, G. (2011) Green corrosion inhibitor from seed extract of *Areca catechu* for mild steel in hydrochloric acid medium. *Journal of Material Science*, 46, 5208–5215, DOI 10.1007/s10853-011-5457-0.
- ★ Vinod kumar, K. P., Ramesh, S. P., and Sethuraman, M. G. (1999) Corrosion Inhibition of mild steel in acid medium by extract of *Withania Somnifera*. *Proceedings of the 9<sup>th</sup> National Congress on Corrosion Control*, pp. 139-142.
- ★ Xiang-Hong Li., Shu-Duan Deng., and Hui Fu. (2010) Inhibition by *Jasminum nudiflorum* L. leaves extract of the corrosion of cold rolled steel in hydrochloric acid solution. *Journal of Applied Electrochemistry*, 40: 1641-1649, DOI 10.1007/s10800-010-0151-5.
- ★ Yan Li., Peng Zhao., Qiang Liang., and Baorong Hou. (2005) Berberine as a Natural Source Inhibitor for Mild Steel in 1 M H<sub>2</sub>SO<sub>4</sub>. *Applied Surface Science*, 252 (5), 1245-1253.
- ★ Zamani, N.G., Porter, J.F., and Mufti, A.A. (1986) Survey of computational efforts in the field of corrosion engineering. *International Journal for Numerical Methods in Engineering*, 23 (7), 1295–1311.
- ★ Zhang, Q.B., and Hua, Y.X. (2009) Corrosion inhibition of mild steel by alkyl-imidazolium ionic liquids in hydrochloric acid. *Electrochimica Acta*, 54, 1881-1887.

## ARTICLES PUBLISHED

- ☞ *Cocos nucifera* L. Shell as a Potential Inhibitor for Mild Steel Corrosion in Acidic Medium, Asian Journal of Chemistry, Vol. 22, No. 6 (2010), 4537-4548.
- ☞ Inhibitory Action of *Borassus flabellifer* L. (Palmyra Palm) Shell Extract on Corrosion of Mild Steel in Acidic Media, E-Journal of Chemistry, 2010, 7(3), 1055-1065.
- ☞ Corrosion Inhibition of Aqueous Extract of *Cocos nucifera* L. – Coconut Palm – Petiole Extract from Destructive Distillation for the Corrosion of Mild Steel in Acidic Medium, Portugaliae Electrochimica Acta 2011, 29(1), 9-21.

## INTERNATIONAL CONFERENCE ATTENDED

- ☞ Presented paper in 9<sup>th</sup> International Symposium on Advances in Electrochemical Science and Technology organized by SAEST and CSIR on Dec 2 - 4, 2010 in "*Borassus flabellifer* L. Petiole Aqueous Extract Obtained by Destructive Distillation as an Eco-friendly Inhibitor for Mild Steel in Acid Media.